This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 662287.

EJP-CONCERT

European Joint Programme for the Integration of Radiation Protection Research

H2020 – 662287

D 1.1 – Annual work plan for the next year of CONCERT and the summary report of the activities carried out during the ongoing reporting period

Lead Author: WP leaders

With contributions from: all consortium members

Reviewer(s): CONCERT coordination team

Work package / Task	**WP 1**	**T**
Deliverable nature:	**Report**	
Dissemination level: (Confidentiality)	**Public**	
Contractual delivery date:	**Month 9**	
Actual delivery date:	**Month 9**	
Version:	**2**	
Total number of pages:	**82**	
Keywords:	**Annual Work plan for the 2nd year, summary report for the ongoing reporting period**	
Approved by the coordinator:	**Month 9**	
Submitted to EC by the coordinator:	**Month 9, re-submitted M22**	

CONTENT

SUMMARY REPORT
FOR THE ONGOING REPORTING PERIOD

Publishable summary

This document is the "D1.1-First periodic report and draft annual work plan to the EC in accordance with the provisions of the consortium contract" and describes in part one the work carried out by CONCERT from the start in June 2015 until February 2016 and in part two the work planned for the 2nd CONCERT year, i.e. from June 2016 until May 2017. CONCERT achieved its objective for the first nine months as laid down in the AWP for the first year. However, the start of the 1st open call due in January 2016 is significantly delayed pending clarifications to be introduced in an amendment to the GA. Content of the amendment are provisions to fund third parties in open calls.

During the first nine month of the project, most of the efforts have been devoted to preparatory work for the first open RTD call of the CONCERT EJP.

Work package 1 of CONCERT provides the financial, consortium and project management. The work carried out is result-oriented, aims at an efficient management of the project and quality control of results and deliverables as well as timely communication with the European Commission. The GA and CA were signed. The first call was prepared and is going to be published in year one of CONCERT.

CONCERT **Work package 2** concerns integration and SRA development in radiation protection research. Supported by CONCERT the radiation protection research platforms MELODI, ALLIANCE, NERIS and EURADOS updated their respective Strategic Research Agendas (SRA) and recommended Research Priorities (RP). Currently the platforms are developing respective research road maps. The SRA Statements and RPs were independently published by MELODI, ALLIANCE, NERIS and EURADOS after they were approved by the platforms. Next to the already established mainstream platforms CONCERT supported the establishment of a Research Platform in the medical field and discussed the integration of social sciences and humanities in its integrative activities as well as in research projects funded in open calls. Last but not least CONCERT made contacts to regulators to gather research needs for a better implementation of the revised European Basic Safety Standards.

The activities of CONCERT **Work package 3** included (1) to collect information on research needs in the field of radiation protection (2) to joint programme the platform research programmes and priorities, (3) to structure the research needs into recommended 2 call priorities, (4) to describe the recommended 2 call priorities (5) to review lessons learned from previous research calls in EC –funded projects such as DoReMi, OPERRA and COMET (6) to evaluate whether EC call rules can be adopted or should be adapted to this specific call, and (7) to formulate recommendations to the MB regarding call documents and call conditions for the 1st CONCERT call. The two call priorities proposed are (1) Improvement of health risk assessment associated with low dose/dose rate radiation and (2) Reducing uncertainties in human and ecosystem radiological risk assessment & and management in nuclear emergencies and existing exposure situations, including NORM. Call priorities and call condition recommendations are based on experience gained in former projects such as DoReMi, OPERRA and COMET were presented to and with minor changes approved by the CONCERT MB in Munich on 12 November 2015. Call preparation and research priorities were presented at the CONCERT call info day in Munich, 27 January 2016. Preparation for the CONCERT open call was done in close interaction between WP2 and WP3. After approval by the CONCERT MB the CONCERT Coordinator passed on the CONCERT recommendations for the 1st open CONCERT call to WP4 for the finalisation.

Work package 4 set up the procedures and prepared all the documents of the 1st transnational and open CONCERT Call for Proposals (2016) on the basis of the CONCERT recommendations prepared in WP2 and WP3. WP4 will launch the call as soon as possible after approval of the call text and the call conditions by the European Commission. WP4 launched a pre-announcement of the call in December 2015.
In order to further support the dissemination of information with regard to the scientific content and the participation conditions of the first open call of the CONCERT project, an Information Day was organised by the coordinator on 27 January 2016 in Munich. More than 120 scientists from 22 countries participated in this event and took the opportunity to actively present their research area and their interests in the CONCERT call as well as the opportunity to find partners and start first discussion for building consortia and preparing joint proposals.

CONCERT **Work package 5** concerns stakeholder engagement activities. A Stakeholder Strategy has been developed, reviewed and published on the CONCERT website (see http://www.concert-h2020.eu/~/media/Files/Concert/Stakeholders/D5_1_CONCERT.pdf?la=en).
Approaches to engagement activities have been discussed extensively, refined and will increasingly become the focus in later years of the CONCERT EJP.

In the first year, **Work package 6 partners** had 4 main objectives according to increase the visibility and use of key research infrastructures: (i) to prepare infrastructure evaluation criteria and to compile a list of infrastructures (ii) to prepare regular information about infrastructures, (iii) to develop harmonized practices and protocols to strengthen and expand databases from past radiobiological experiments and from stored biological material, (iv) to develop strategies for facilitating access to infrastructures.

Work package 7 of CONCERT is dedicated to education and training (E&T) for the development and maintenance of the expertise and competence of the community of research scientists working in the area of radiation protection research. The specific activities organised by the work package, and funded as integration activities, included: a) Setting up a programme of student travel grants to allow students to attend relevant training courses at other institutions, or attend conferences to present their work; b) Launching a call for short courses in topics important for radiation protection research, aimed particularly at students entering the field or young researchers and c) Encouraging the career development of new scientists entering the field through interaction with the European Radiation Research Association for Young Scientists (EURAYS, http://www.eurays.eu/).
As well as these initiatives, WP7 is holding an annual Forum in association with the MELODI Workshop, to strengthen the integration of E&T institutions within radiation protection, and working with WP2 and WP3 to promote the integration of E&T into research projects funding under the CONCERT calls.

WP1 - Project coordination & management

The tasks of **Work package 1** have been implemented successfully. The project is, with the exception of the 1st open CONCERT call, on track and all the activities that were envisaged for the first year have been accomplished so far.

Task 1.1 – Overall legal, contractual, administrative management and financial management (BfS)

The Grant agreement (GA) as well as the consortium agreement (CA) were signed. The pre-financing payment was transferred from the European Commission to the coordinator. The coordinator then dispatched it to the beneficiaries in accordance with their share of the project budget without delay.
Planning and Co-ordination is led by the Executive Board (ExB) which is composed of WP leaders and is chaired by the co-ordinator. The ExB is responsible for aligning work across all WPs and through a continuous assessment of inputs and emerging results, make strategic implementation proposals to the Management Board (MB) that is composed of all beneficiaries and the 4 research platforms.
The following responsibilities have been allocated:

- Project co-ordinator: is responsible for the overall coordination of the project and also responsible for chairing ExB and MB as well as coordinating any issues with the EC.
- Project coordination team: is responsible for the daily management of the project including administrative and financial issues.
- WP and Task Leaders: are responsible for leading the work package/task according to the objective and description of work

Task 1.2 – Consortium, Executive and Management Board
Project meetings. During the first year, the following meetings were organised:

- Kick-off meeting, on 17 June 2015, in Munich, Germany.
- Second Management Board meeting, on 24 September 2015 in Brussels, Belgium.
- Third Management Board meeting, on 12 November 2015 in Munich, Germany.
- Forth Management Board meeting, on 16 February 2016 in Pavia, Italy
- back to back to MB meetings ExB meetings were organised the day before
- Each Work Package organised its own meetings as required

Workshop agendas and information on the venue were shared. Meeting minutes were prepared by the project coordination team and made available on the project workspace together with the lists of participants.
During the meetings, partners reviewed the latest results and achievements of the different Work packages, discussed the outcomes of the project, highlighted topics of particular interest such as the progress of the 1st open call preparation

Task 1.3 – Updating the rolling annual work plan (AWP)
Work on the AWP for the second year of CONCERT (M13-24) was co-ordinated by BfS and the 2nd AWP submitted as part two of this document.

Task 1.4 – External Scientific Advisory Board (ESAB) for the evaluation of CONCERT
The set-up of the ESAB is still ongoing and will be completed soon. Platforms have been asked to recommend potential candidates with known scientific excellence, good experience in research evaluation and good knowledge in radiation protection regulation and related research needs.

Task 1.5 – Negotiation of projects to be funded through open R&D calls

- This work will start on the basis of the ranking outcome for call winning research projects in WP4.

Task 1.6: Funding decision process for integration activities listed in the approved annual work programme
Funding decisions on integration activities were made in the field on education and training based on recommendations of WP6 and financial feasibility checks by WP1 by the CONCERT MB.

Task 1.7: Attracting new members to the CONCERT EJP Consortium
Contacts have been established to the Environmental *Protection* Agency (EPA) in Ireland and the Federal Office of Public Health (BAG) in Switzerland, both of them signalling intentions to join CONCERT as POM. Interest to join CONCERT as POM has also be shown by the Demokritos Research Centre in Greece. Due to government decisions in Finland to split responsibility for radiation protection regulation and radiation protection research the University of Eastern Finland is promoted as the second POM for this country. Preparations for a special amendment of the GA to include new POMs and LTPs are ongoing.

Task 1.8: Public CONCERT web page and a secure internal web-based work space
A secure internal web-based work space was integrated with the project's public website to provide a medium for communication among project participants by SCK-CEN. The work space allows the exchange of various types of information: datasets, results, coordination decisions, timetables, presentations, materials, and reporting among partners. It allows each partner, the work packages leaders, and the coordinator to regularly monitor progress in data collation, analysis, and accomplished deliverables.
The public website is designed to act as an information hub about the objectives, activities and results of CONCERT and serves as a prime public dissemination tool making available the project published materials (e.g. for calls). The website is being updated on a regular basis to keep the audience informed and ensure continued interest of already attracted visitors.

Task 1.9: Establishment of an expert database for the reviewing processes of CONCERT
The expert database has been set up as planned in year one. Experts from all over the world were proposed by the radiation protection research platforms and were contacted by the coordinator to inquire their willingness to serve as expert in the CONCERT project.

Milestones and Deliverables

D1.1 First *summary progress* report and draft annual work plan to the EC in accordance with the provisions of the consortium contract
MS1 Annual Work programme for year 2

WP2 – Integration and SRA development in radiation protection research

Work carried out to date

The main WP2 objectives for the first project year were:

- To provide input to Joint Programming (WP3) from all fields covered by WP2.
- To successfully start the work for the preparation of the SRA's in medical and social sciences.
- To find the best possible ways to implement the BSS in member states.

WP2 input for Joint Programming (WP3) was provided as planned to support the preparation of the first CONCERT Call. The four RP research platforms (MELODI, ALLIANCE, NERIS and EURADOS) are now well established and organised, having working groups for SRA development, infrastructures and E&T activities. The platforms nominated SRA working groups / RTD Committees that developed SRA Statements on current research needs and identified a short list (4-6) of research priorities. A

structured approach using same criteria was applied for the description of each research priority, in order to help selection and to identify synergies. The SRA statements were approved by the platforms and passed to CONCERT MB and for joint programming (WP3).
To ensure a good flow of information, several WP2-WP3 phone meetings were organised. Participants to these meetings were the WP2 and WP3 leaders, chairs of platforms, chairs of SRA working groups, and leaders of tasks 2.5 (medical), 2.6 (social sciences and humanities) and 2.7 (BSS).
The work on medical SRA (Task 2.5) proceeded very well and provided input for the joint Programming (WP3). Previously, a memorandum of understanding was signed in 2014 between the medical associations and MELODI and EURADOS to cooperate and promote integration in this field. Common Strategic Research Agenda for Radiation Protection in Medicine was prepared by the European Medical Associations representing Ionising Radiation Applications in Medicine (EANM, EFOMP, EFRS, ESR and ESTRO). A Statement of Priorities from the draft medical SRA was prepared by the Task 2.5 group, consisting of representatives of the medical associations, EURADOS, MELODI and CONCERT beneficiaries.
The work for creating a Strategic Research Agenda on Social Sciences and Humanities (SSH) in radiation protection has been started. This work is divided into three subgroups: ethics and justification, risk communication and safety culture. Pre-CONCERT activities (OPERRA, EAGLE, PREPARE) have been reviewed, the rational for the integration of SSH analysed and discussed with the RP platforms and way ahead outlined. The final SSH SRA is expected by the end of year 2. This SRA will be a stand-alone program and also a proposal for integration of social sciences and humanities (SSH) in in the SRAs of RP platforms, in a context-depending manner.
Task 2.7 deals with communication of knowledge from research and innovation conducted within CONCERT and outside laying the scientific basis for the revised European Basic Safety Standards. Contacts with HERCA and Article 31 Group have been established. Research needs have been discussed in Task 2.7 working group meetings and workshops (e.g. NordicNORM WS). CONCERT members have participated HERCA workshops and workshop series organised by RISKAUDIT, discussing the challenges related to BSS transposition and implementation. A general observation is that national authorities are currently heavily occupied by the legal aspects of BSS rather than research. Deliverable 2.3 is expected by the end of first year.

Milestones and Deliverables

Two project milestones related to WP2 were due during year 1.

MS7 – Input documents for WP3 was due by month 6. This milestone has been completed and WP2-WP3 meeting summaries have been provided to MB.

MS8 - Annual SRA platform statements 2015 was also due by month 6. This milestone was reached in time (see also deliverable 2.2 providing the summary of all SRA Statements by the platforms).

Three project deliverables for WP2 are due by end of year 1.

D2.1 Annual SRA Statements from MELODI, ALLIANCE, NERIS and EURADOS (due by M2) was submitted to Coordinator at month 4 and to EC at month 7.

D2.2 Joint research needs and priorities addressing radiation protection research relevant for medical use of radiation and communication/risk perception in radiation protection field (due by M5) was submitted to Coordinator at month 6 and to EC at month 7.

D2.3 Identifying research needs and R&D priorities supporting the implementation of BSS is expected by the end of year 1 as planned (M12).

WP3 - Priority research and Joint programming needs in the perspective of European Integration

Work carried out to date

The activities of CONCERT WP3 included (1) to collect information on research needs in the field of radiation protection (2) to structure the research needs into 2 call priorities, (3) to describe the 2 call priorities (4) to review lessons learned from previous research calls (5) to evaluate whether EC call rules can be adopted or should be adapted to this specific call, and (6) to formulate some recommendations to the MB regarding the formulation of the call documents for the 1st CONCERT call.

WP3 collaborated intensively with WP2, and consulted all other work packages dealing with cross cutting issues such as use and access of infrastructure, training and education and stakeholder involvement. A WP2-WP3 working group was set up. The material produced by the WP2-WP3 working group was provided in one document to the CONCERT MB for approval. The CONCERT MB discussed the document on 12 November 2015. The comments have been taken into account, resulting in deliverable 3.1.

The proposed call priorities were presented at an open consultation workshop held in Munich on 11 November 2016 by N. Impens, back to back with the MELODI workshop. The comments from the audience were included in the priorities as well.

In preparation of the 1st CONCERT call, teleconferences were held on 8/8/2015, 14/9/2015, 8/10/2015, 27/10/2015. Whereas SCK•CEN prepared and chaired the brainstorming, STUK acted as secretary in the WP2-WP3 teleconference meetings.

WP3 reported to the CONCERT ExB-MB meetings held on 23-24/9/2015, 11-12/11/2015 and held an open consultation on the priorities on 11/11/2015. The minor comments of the audience were taken into account. The final versions of the priorities were approved by the CONCERT MB on 12/11/2015.

Milestones and Deliverables

The deliverable 3.1 has been submitted to the coordinator in Month 8, the final version will be submitted in M9.

At this moment, there is no difference between work expected to be carried out in accordance with Annex 1 for WP3 and the annual work plan for the year and that actually carried out.

Deliverable D3.1 will be publicly available in M9. There was intensive communication between WP3 and the Beneficiaries and Linked Third Parties of CONCERT. Moreover, the Beneficiaries and Linked Third Parties were invited to formulate suggestions. Beneficiaries and LTP could spend some travel budget to attend the CONCERT MB meetings and the open consultation meeting on 12/11/2015.

Milestone MS 14: the joint priority list and call conditions were presented on the open consultation workshop on 12/11/2015.

WP4 - Organization and management of CONCERT open RTD Calls

Work carried out to date

During the first year of CONCERT, WP4 was responsible for the preparation of the documents of the first Transnational Call for Proposals (2016), and the launch of the call. The documents were:

- The Call Text;
- The Governance of the Call and Evaluation;
- The Guidelines for applicants;
- The Proposal templates.

It was planned that in the second January week 2016 CONCERT will open the first Transnational Call for Proposals (2016) for funding multilateral research projects on radiation protection together with the European Commission (EC) under the European Joint Programme CONCERT co-fund mechanism. This call is delayed due to subsequent improvements of the GA. The call will be opened after approval of the amendment to the GA related to third party funding as well as the call text and call conditions by the European commission.
The call was preannounced in December 2015 to be launched in January 2016. In the meantime a note was added to the CONCERT web side informing about the delay of the call. The call will further be disseminated via the websites of CONCERT, of the European Commission, of the CSC members, and of the CONCERT POMs.
The aims of the call are to support transnational research projects that combine innovative approaches in the field of radiation protection in line with the research priorities of CONCERT, to actively integrate education and training activities and collaboration with universities in multidisciplinary research projects, and to make optimal use of research infrastructures. The project proposals had to cover one of the two following areas that were equal in relevance for this call:

- Improvement of health risk assessment associated with low dose/dose rate radiation;
- Reducing uncertainties in human and ecosystem radiological risk assessment and management in nuclear emergencies and existing exposure situations, including NORM.

The call will be implemented as a one-step submission procedure. An electronic submission portal is in place.

Milestones and Deliverables

D4.1 Call documents: Governance of the Call and Evaluation document, Call Text, Guidelines for applicants, Proposal templates, for the CONCERT open RTD Call 1 all done

M20 Launch of the 1st CONCERT open research call Call due date was in January 2016 and is significantly delayed

WP5 - Stakeholder involvement and communication in radiation protection research

Work carried out to date

CONCERT Work package 5 concerns stakeholder engagement activities; in the first annual work plan, four main activities were envisaged: (i) Prepare for a CONCERT stakeholder management strategy, (ii) establish a stakeholder panel, (iii) plan a public facing survey, (iv) develop core information for the CONCERT web page. Progress has been made in all areas. Particularly in developing agreed approaches to stakeholder engagement.

To coordinate the activities of all partners two meetings and one telephone conference have been held: 18 June 2015, first WP5 meeting held following the CONCERT Kick-off meeting in Munich; 9 July 2015 follow up teleconference; 25th September 2015 second WP5 meeting held at UKRO offices, Brussels.

A Strategy for stakeholder engagement has been written, discussed and extensively reviewed. This document sets out the ambitions of CONCERT's stakeholder activities and the approaches that will be adopted. It was completed on time and accepted by the co-ordinator as deliverable D5.1 in December 2015. It is now available through the CONCERT website (http://www.concert-h2020.eu/~/media/Files/Concert/Stakeholders/D5_1_CONCERT.pdf?la=en). Task 5.1 is therefore essentially complete, but review and revision of the Strategy may be undertaken in the future.

There has been much discussion on the best approach to establishing a Stakeholder group (Task 5.2), rather than a single wide stakeholder group, smaller and more targeted stakeholder groups are being considered. This revised thinking has been included in the Stakeholder Strategy document. The lead organisation for Task 5.2, IRSN has modified the staff assigned and future work will be developed under S Charron.

Task 5.3 concerns development of stakeholder survey activities and the use of social media. Most of the activities under this task led by ISS have focused on discussing and developing agreed approaches. Much consideration has been given to the nature of the target stakeholder groups and how they are best reached. This early planning has provided a grounding for the more detailed work expected in subsequent years.

The development of materials for the CONCERT website is the purpose of Task 5.4. The CONCERT website domain name was chosen following discussion within WP5, and it is now live (www.concert-h2020.eu). Content outlining the WP activities including links to information already available on radiation risk have been posted on the website as well as information on E&T opportunities, pre-call information in anticipation of the actual call text and information on partners including the different platforms and associations. Further discussion will be required in the next year to guide the development of the CONCERT website.

Milestones and Deliverables

Two project milestones for WP5 fall due at the end of year 1.

M5.1 stakeholder panel appointments (M12) have been actively considered and candidates will be approached; some delay may be encountered given the change in approach and leadership for task 5.2.

M5.2 CONCERT public web site open (M12) was achieved ahead of schedule.

Two project deliverables for WP5 fall due in the first year.

D5.1 Stakeholder strategy (M8) has been completed as noted above.

D5.2 Public survey launched (M12) is delayed due to the need to ensure appropriate targeting will be achieved.

WP6 - Access to infrastructures

Work carried out to date

Task 6.1 Promote the visibility of research Infrastructures

WP6 partners have created a free web access infrastructure database. It includes suitable infrastructures validated a priori by their frequent use in previous researches over the 4 domains of activities of CONCERT: low doses (MELODI), radioecology (ALLIANCE), nuclear accident management (NERIS) and other connected areas such as dosimetry for radioprotection (EURADOS). To produce these two connected deliverables, WP6 members have participated in two meetings, in September (Brussels) and in November (Munich) 2015, to establish a common vision, strategy and to organize the actions needed.

Two approaches have been discussed: a database with validated infrastructures, or an open system where candidates may propose their infrastructure which should meet the criteria. In order to increase the visibility of suitable infrastructures, the second option was approved. In discussions about what methodology might be used to endorse certain infrastructures there was concern about the criteria for inclusion but also the problem of finding experts without potential conflict of interest. The conclusion was that a set of broad “recommended criteria” is developed for each category of infrastructure and inclusion is based on meeting those criteria rather than trying to make value judgments on the “quality” of a resource. In adopting this approach CONCERT would be following the same strategy adopted for databases by ELIXIR, the European Commission’s re3data and Nature Scientific Data, along with the Nucleic Acids research definitive annual database collection.

From previous brainstorming, 3 types of categories have been identified: (i) Exposure platforms, (ii) Databases, Sample banks and Cohorts, (iii) Analytical platforms, Models and Tools. Definitions and parameters need to be developed for these categories. It was initially also accepted that these 3 categories may require specialists to establish suitable characterization criteria in order to establish questionnaire to be complete by infrastructures ‘owners. To do that, WP6 has organized 3 working groups responsible for proposing selection criteria, and in the near future to add WP6 experts and user comments. WG1, led by A Wojcik (SU) for criteria of Exposure platforms (included external exposure facilities, internal exposure facilities and contaminated sites); WG2, led by F Dekkers (RIVM) for Databases, Sample Banks, Cohorts and WG3, led by U Kulka (BfS) for Analytical platforms, Models, Tools. The results of these 3 WGs have be discussed in Pavia, the 16th of February 2016 and the work updated accordingly

To establish all the questionnaires for each category comprising the recommended criteria, working groups have produced their first draft of recommended criteria which have been merged with criteria issued from previous databases. Drafts of the three questionnaires are in test with identified owners for the beta version of the database.

The database AIR²D²: Access to Infrastructures for Radiation protection Research Documented Database

This database is named AIR²D² for "Access to Infrastructures for Radiation protection Research Documented Database" and is accessible online via www.concert-infrastructures.eu (will be directly accessible via the CONCERT website). It is built as a continuous open system and for easy implementation by owner and WP6 team administrators, and also, if so decided in the future, by users.

This website is based on Google technology and most part of the website is easily modifiable by the administrators (CEA up to now, and WGs leaders or all WP6 members in the future), but for some parts, e.g. the forms for owner, a code script is needed to be able to modify some criteria, without filling again a new whole form. Code script will be learned by the administrators to permit the chance to modify the form without asking to a computer scientist.

AIR²D² is a communication and information tool. It serves as a portal to guide the researchers for their choices to infrastructures. Within this website, 2 options are possible: (i) Scientists/researchers can search for the infrastructure(s) that fulfil their attempts thanks to filters and (ii) Owners of infrastructures can register and modify at any moment their infrastructure(s).

The three categories ((i) Exposure platforms, (ii) Databases, Sample banks and Cohorts, (iii) Analytical platforms, Models and Tools) are displayed by a dynamic table including, for the moment, the first non-fixed criteria and, in a close future, all the recommended criteria discussed and fixed by the whole WP6 during the Pavia meeting. To further help the researchers in their search of infrastructures, dynamic maps for each subcategory and filters options will be available. A global map with the common criteria (contact, address...) will be also available to have an overall view of all the infrastructures.

For the launch of the first call of CONCERT, the database was pre-filled with information found on existing lists or from other support, in order to avoid a blank database. The existing lists used for completing this database (M9) were the one from EURADOS for irradiation facilities and dosimetric analytical platforms; and from DoReMi for irradiation facilities and cohorts. The deliverable 2.2 of STAR permitted to list some infrastructures for irradiation facilities, dosimetric analytical platforms and models but are not integrated yet in the database. Searching for contact point for some of them are still in progress.

A comprehensive directory of infrastructures needs not only to combine all the existing lists but also to prospect for the one(s) non-listed yet. Currently, only infrastructures belonging to WP6 members have been prospected but the URL has been sent in a large distribution list to invite owners of infrastructures to create their infrastructures in the database.

Currently, the only restrictive criteria for an infrastructure to be included in the database, is to be open to external partners.

Additional support to get a "documented database" and adding comments by experts and/or from the WGs about the relevance of the infrastructure based on the filled criteria will be inserted later.

The database is not completely finished for the launch of the first call of CONCERT, but a beta test version is even so. We hope to have a final version at the end of the call even if this database has the great advantage to be improved by the administrators (some members of WP6) without asking to a computer expert. Thus, new ideas from WP6 meetings may be incorporated.

Bulletin: AIR² - Access to Infrastructures for Radiation protection Research

To further listing all open infrastructures related to radiation protection research, WP6 is committed to increase their visibility. In order to fulfil this mission, a monthly bulletin featuring infrastructures category is programmed since October 2015 (approximatively 10/year). It was named, following a vote during the first meeting of the WP6 in Brussels in September 2015, AIR² for "Access to Infrastructure for Radiation protection Research".

The bulletin comprises of 5 pages: the first carries the editorial of the WP6 leader (Dr Laure Sabatier, CEA) and, since the 2nd issue, a section "the floor to…" who is dedicated, from the 2nd to the 7th issues, to CONCERT WP leaders treating about the importance of infrastructure. Then, this section will be broadened to associations/platforms leaders, CONCERT grantees and WP6 task and sub-task leaders. A section named "CONCERT CORNER" is also available with some future events of the CONCERT project and of the WP6 latest news.
The next three pages are dedicated to featuring infrastructures: one from the category "Exposure platforms" in page 2, one from the category "Databases, Sample banks, Cohorts" in page 3, and one from the category "Analytical platforms, Models & Tools" in page 4. Each of this three pages are designed in the same way i.e. a text presenting the infrastructure written by its owner, two spaces for images or photographs, the photo of the author, two key references where the infrastructures where implicated, and one ID card with some key information at a glance. A little bullet with a colour code is also available to distinguish in which sub-categories the infrastructure belongs.
The 5th page of the bulletin is the list of the infrastructures published to date and the expected infrastructures for the next issue. A list with future events related to radiation protection research and infrastructures is also available with hyperlinks to the events.

AIR² is distributed to an e-mail list consisting, up to now, of CONCERT, ALLIANCE, MELODI, DoReMi, and OPERRA members, and some researcher of the CEA and IRSN (459 persons). It is also sent to the EURADOS members via their Newsletter (around 900 persons). The bulletin is housed on the CONCERT website on http://www.concert-h2020.eu/en/Concert_info/Infrastructures.

We plan to have some special issues (once a year) to present infrastructures in a different way (cartography, implicated in one association…).

At the end of the CONCERT project, all the pages 2, 3 and 4 will be gathered to create a web "handbook" in order to combine all the infrastructures presented in this bulletin during the 5 years.

Task 6.2 Harmonize Practices and Protocols

In order to organize actions about the transfer of activities and the STORE database between the University of Cambridge (UCam) and BfS, a meeting was held in Munich in November 2015.
The STORE database has been successfully moved from UCam to BfS servers and the new interface will be available shortly (end of March) after completion of extensive BfS security testing. The download of data is open to all interested persons, or restricted to defined persons, depending on the decision of the data owners. In the case of restricted data, interested persons can make an online request, which will be "accepted" or "denied" by the data owner. In the case where data are not yet published, these data may be locked ("hidden") until the paper is available. Such data are marked as "work in progress". There is no format limit and all types of data can be stored in this database. STORE is also

compliant with “re3data” and “Nature Scientific data”. In each case an ORCID ID will be needed by the users of the database as it is increasingly the case for journals and funding agencies.
A joint STORE-RENEB workshop was held in November 2015 at BfS to investigate the possibility of the STORE database to integrate activities of the RENEB network. Participants of the workshop have been members of UCam involved in STORE, members of the STORE Advisory Board and RENEB partners. As a most promising approach it was identified to establish an online training in picture scoring. This activity will help to maintain a stable and reliable scoring standard within the RENEB network and can be integrated in a long-term training program for RENEB partners. Moreover, it will also be of value to harmonize scoring criteria of new network partners during their integration process. This co-operation between STORE and RENEB will significantly contribute to E&T and Quality Assurance activities, urgently needed for dose estimation especially in large scale scenarios. The joint approach will thus result in an optimized use of both infrastructure with regard to research activities and also for Education and Training purposes.
The process was started and a set of training files (pictures of irradiated and non-irradiated human metaphases) was compiled by BfS and put on the STORE database by UCam. The picture pool will be enlarged for the training in dicentric scoring and new picture files are planned for other standard assays as FISH assay, Micronuclei assay, PCC assay and gamma H2AX assay. The possibility to use it also for training in EPR and OSL will be tested.
STORE met with ALLIANCE to discuss the dissemination of the FREDERICA database. This is currently a small MS Access database and will be made available as a database file from STORE. If manpower is sufficient there is also the possibility of moving the database onto the STORE platform in a searchable mode, but it is likely to require more resource provision for both STORE and ALLIANCE.
Investigations into providing a “resilience mode” for STORE to allow use in case of a nuclear accident have been opened with the BfS, which would use the emergency mode of the BfS infrastructure to keep critical data on STORE open and available in case of a catastrophe.
Following the STAR 2015 meeting in Kyoto last year STORE has established connections with the NIRS-based JSTORE. This database should be accessible in April of 2016 and we are currently looking at whether STORE will connect with JSTORE directly using web services or whether we will just retain metadata and links to the database. Similar links will be established with Rokkasho.
With the aim of increasing standardisation and integration the controlled metadata vocabulary in STORE will be integrated with the “Experimental Factor Ontology” (EFO) now used as the ELIXIR standard ontology. Requests have been made to the curators of the EFO to include a raft of terms associated with radiobiology previously omitted from EFO and we expect this request for harmonization to be accepted an implemented by the middle of 2016.
In accordance with the AWP1, 2 presentations about (i) the currently available databases for archived data and biological material (STORE; Janus…) and (ii) harmonization exercises performed by RENEB, EURADOS, and other analytical platforms, are planned in February 2016 in Pavia and before the end of the first year.

Task 6. 3 Strategy for facilitating Access to infrastructure

Activities for establishing the strategy for facilitating access to infrastructures have been discussed at the first meeting in Brussels (September 2015) to produce the deliverable 6.1: “Recommendations for infrastructures related topics for the 1st CONCERT call and recommendations for funding schemes to support infrastructure use for the 1st CONCERT call input to WP3”. This deliverable comprises 3 sections, the first one is for insertion in the call text, the second one is for insertion in the annex of the call, and the third one is a form to be completed and enclosed in the project proposal. The

recommendations are enlarged to the Quality Management and Open Access processes including all data obtained within CONCERT. In order to keep the field as open as possible to new infrastructures, WP6 partners decided to abandon the selection of "recommended infrastructures" and adopt instead "recommended criteria" that infrastructures must fulfil.
At the first meeting in Brussels, discussion has also been done about possible funding schemes, according to respect the deadline for the first call text. The proposed funding scheme for the access infrastructures has been included in the recommendations for the first call text (Deliverable D6.1).The cost of infrastructure use (including Sample banking costs) should be included in the proposal.
A sampling of existing funding schemes of infrastructure is planned in order to produce a more detailed comparative analysis between different open infrastructures.
In order to improve the E&T activities on Infrastructures, a questionnaire will be sent to the 13 responders of the first E&T call.

Status and perspectives:
WP6 had four main objectives for this year 1, the two first "Recommended criteria through a database" and "Preparation of regular information about infrastructures (bulletin)" are mostly achieved. The two last objectives "Harmonized practices and protocols about databases and sample banks" and "Strategies for facilitating access to infrastructures" are ongoing.

Milestones and Deliverables

The activities of Work package 6 members has been concentrated on the organisation and action to do, in order to obtain the deliverable D6.1 (due by M5) for the first call of CONCERT corresponding to the task 6.3 and deliverable D6.2 (due by M8) a list of recommended criteria accessible through a database, corresponding to the task 6.1.
Deliverable D6.1 List of recommended criteria for infrastructures for radio protection research was submitted to Coordinator at month 5 and to EC at month 7 (due to technical problems of the participant portal).
Deliverable D6.2 Recommendations for infrastructure related topics for the 1st CONCERT call and Recommendations for funding schemes to support infrastructure use for the 1st CONCERT call will be submitted to Coordinator and to EC at month 9 (1 month postponement approved by EC).

WP7 - Education and training

Work carried out to date

Task 7.1 – Attracting and retaining students and junior scientists into the Radiation Protection research fields
Subtask 7.1.1 – Student travel grants
In order to further the policy of developing and maintaining expertise in the radiation protection research community, CONCERT is offering a total of 10,000 € per year for travel awards to junior scientists. Support can be given for participation in a conference, a course or for an exchange visit to a laboratory, where this can be shown to be of value for increasing the applicant's involvement and knowledge/skills in current European research in radiation protection. There are 4 application

deadlines per year: 31 March, 30 June, 31 September and 31 December. After each deadline a maximal sum of 2.500€ will be paid out to the top applicants. The maximal level of support per applicant is 625€.

The programme and rules were drawn up and presented to the MB in September 2015. Changes were requested requiring greater evidence of the benefits to CONCERT and approval of each application by the ExB. These changes were approved at the MB meeting in November 2015.

The programme will be started shortly. It will be advertised on the CONCERT website and more widely.

Subtask 7.1.2 – Academic mobility in EU universities

This subtask has not started yet.

Task 7.2: Education and training as an essential part of dissemination and knowledge management within CONCERT

The purpose of this task is to promote E&T as an integral part of CONCERT-funded RTD projects, by requiring proposals to include evidence that due consideration has been given to the incorporation of graduate student involvement and the offering of new or specialist technologies as topics for E&T courses. The wording that was submitted to WP3 is as follows:

> *"Education and training is an essential part of all activities within CONCERT. Proposals shall include a plan for integration of education and training into the research programme, with a description of the proposed activities. This must also give details of collaboration or involvement with academic departments, and of intended PhD thesis work, MSc project work, teaching seminars, ad hoc courses on the topics of the proposal, etc., where possible. The plan will be assessed as an essential part of the impact statement and will be considered within the evaluation procedure."*

Task 7.3: Targeted E&T initiatives

An open call for short E&T courses was drawn up following the experience of the previous 5 years of DoReMi E&T calls. This was submitted to the MB for approval in September 2015, and requested changes approved by the MB in November 2015. The call was announced (http://www.concert-h2020.eu/en/Calls/ET_Call_2015) with closing date 10 December 2015. Twelve proposals have been received and reviewed by the E&T Committee (ETC). The ETC recommendations for funding have been submitted to the ExB and decisions are due to be notified following the ExB meeting in February 2016. Issues that have arisen from the submissions concern the demonstration that the course will benefit researchers in the CONCERT research areas, and the problems associated with achieving satisfactory co-funding within the H2020 rules.

Task 7.4: Coordination and collaboration on E&T policy and strategy

Subtask 7.4.1: Coordination and collaboration

Planning for activities in this task is at an early stage. The annual forum for an exchange of experiences and information on E&T this year was limited to a shared E&T and Infrastructures session in the MELODI Workshop in Munich, November 2015. A presentation was given on all of the current E&T initiatives associated with CONCERT, and highlighting the progress over the last 5 years from DoReMi, to MELODI, then to CONCERT.

Subtask 7.4.2: Vocational training for experts foreseen in the new Euratom BSS directive

This subtask has not started yet.

Task 7.5: European integration of junior scientist career development

Subtask 7.5.1 Initiate and encourage interaction between CONCERT, the platforms and the EURAYS association of junior radiation research scientists.

Dr Azimzadeh has been appointed as the chairperson of EURAYS. Two meetings to establish terms of reference for the EURAYS_CONCERT working group were held during the MELODI annual meeting in Munich (10.11.2015) and during the DoReMi meeting in Budapest (9.12.2015).

The decision was made that Dr Azimzadeh (HMGU) and Dr Haghdoost (SU) would represent the EURAYS organisation, and Dr Atkinson the CONCERT programme. Drs Babini, Aerts and Staaf have been asked to represent the EURAYS junior faculty membership.

The remaining subtasks have not started yet:

Subtask 7.5.2 Establish a cross-border network of mentoring for junior scientists based on a selection and mentor-mentee matching programme.

Subtask 7.5.3 Conduct career days for junior scientists during CONCERT meetings, to include meetings with senior scientists, job fair, career advice and networking.

Subtask 7.5.4 Hold "Meet the Professor" lunches during international conferences held in Europe (including the IRPA, ERR, ICRR, MELODI and DoReMi meetings), to allow junior scientists contact with leaders in the community from academia and stakeholders, regulators and policy makers.

Subtask 7.5.5 Establish the NEWS network to facilitate dialogue between junior faculty members in new and established member states.

Milestones and Deliverables

Milestone 33 – Programme of annual grants and awards and conditions for applicants drawn up (M3) (Delivered M3)

Milestone 34 – proposal for E&T content of RTD Call 1 prepared for WP3 T3.2 (M3, depending on WP3 Programme) (Delivered M3)

Milestone 36 – Annual call for E&T initiatives (M3) (Delivered M3)

Milestone 41 – 1st Annual meeting of interest groups (M6) (Delivered M5)

Milestone 46 – Formation of a joint EURAYS-CONCERT working group (M6) (Delivered M5)

ANNUAL WORK PLAN
FOR THE SECOND YEAR
(M13-M24)

Annex 7

to the EJP Grant Agreement

(Annual Work Plan for month 13 to 24)

CONCERT

European Joint Programme

For the Integration of Radiation Protection Research

Content Annual work plan

1 Coherence with Annex 1

1.1 AWP objectives for month 13 to 24

The consortium aims to continue its work done in the first 12 month of the project on developing a sustainable structure for promoting and administration of joint programming and open research calls in the field of radiation protection research for Europe. The CONCERT EJP supported the establishment of strategic research agendas in the different sectors of radiation protection research by the respective research platforms. In year two CONCERT will continue to build and to improve the radiation protection research structure in Europe on the foundations laid out by (I) these strategic research agendas developed and regularly updated by the respective research platforms MELODI, ALLIANCE, NERIS and EURADOS, (II) the vision and the activities started in the first twelve month to further integrate national and European research programmes for radiation protection by co-funding, and (III) the further participation of national programme owner and programme manager institutions in a European research consortium. A research platform in the field in radiation protection in medicine is in the state to be founded by relevant professional European medical associations as well as MELODI and EURADOS members on the basis of a MoU signed between the partners. These activities were supported by CONCERT and CONCERT will actively support this development and integrate this field of research in its overall research programme in future.
Activities of the consortium will go on to focus on one side on the aspects of support to develop an integrated landscape for radiation protection research in Europe and on the other side to directly fund coordinated research projects in an open, fair and transparent manner dedicated to state of the art science and tailored to the radiation protection needs of the society, authorities and stakeholders. Integration of education and training in the research agenda as well as optimal use of research infrastructures in Europe and even beyond are essential for the consortium.
The set of activities described in the Second Annual Work Plan serve the overall consortium aims by supporting the on-going work of the research platforms in establishing and updating SRA, in recommending research priorities and developing research roadmaps. In addition, CONCERT builds on established procedures in OPERRA and in its first year and will extend them on joint programming with research priority setting for the entire field of radiation protection research. Further on, CONCERT has set up procedures for open scientific calls, proposal reviewing and project evaluation and will improve these procedures on the basis of experience gained from the first open call. The work of the second year of CONCERT will focus on further improving this rolling work-flow which finally focuses in the announcement of the second open scientific call and preparation of the peer reviewing procedure of submitted proposals.

1.2 Expected impacts

The set of activities described in the Annual Work Plan Month 13 to 24 will continue all the activities on the rolling work-flow programme as set up in the first twelve years focusing on the updating of Strategic Research Agendas (SRA), priority setting for research in each of the radiation protection areas, the development of a joint research road map, as well as on the preparation of a second open R&D call. CONCERT is open for new Programme Owners and Managers from member states as well as the research platforms are open to new members from universities and research centres. The open research calls will attract further research organizations and universities not yet involved in radiation protection research on the European level and encourage POM from EU Member States to take part and to integrate their research priorities and needs in the EJP.

It is the vision of CONCERT to bring together the major radiation protection research platforms in Europe, to maximize integration and coordination of research efforts in all EU Member States in joint research

programmes, to identify and to prioritise radiation protection research and E&T needs using state of the art methodologies, techniques and approaches and provide strategic direction and leadership.

WP1

The coordinator has set up all management procedures for the CONCERT EJP in the first year and will continue to call for ExB and MB meetings in the second year as necessary for the management of the project, in particular for taking decisions on the funding of open call research projects, education and training activities, on strategies for future research, dissemination activities and on new members joining the CONCERT consortium. Furthermore, the coordinator will continue the interaction with the EC concerning reporting and Grant Agreement updates. Experience from the first year will be used to optimise and improve the CONCERT internal information and work flow between work package leaders on one side and the CONCERT beneficiaries on the other.

WP2

The research platforms play an important role in WP2. They will be stimulated to continue and update their ongoing work on the SRA. CONCERT builds its open call preparation as well as its integration activities on the continuous work of the platforms in the fields of SRA, Infrastructure and E&T, as well as on the collaboration between the platforms and the extension to the medical field. WP 2 will set up support activities for the platforms for sustainable input into joint programming. The preparation of the updated SRA for the second open research call of CONCERT will include the integration of social sciences and humanities activities in project proposals as appropriate. Finally, strategies for scientific support in the direction of the implementation of the basic safety standards will be further developed.

WP3

In line with the general expected impact to maximize integration and coordination of research efforts in the field of radiation protection, the WP3 will formulate research priorities for the second open research call. The priorities will take into account input from WP2 on SRA, research priorities and roadmaps, from WP 5 on research needs resulting from the dialogue with stakeholders, from WP6 on access to research infrastructure and from WP7 on Education and Training. In addition input is gathered from national radiation research programmes via CONCERT POM. Experience gained from preparing for the first open call we be used to improve procedures for the second open call

WP4

The call announcement, the proposal reviewing and the project evaluation procedures have been developed by WP4 on the basis of existing experience from funding agencies. The experience gained from the first CONCERT call will be taken to improve the processes for the 2nd call.Despite the actual delay of the first open call, CONCERT still aims to announce the second open call at the end of month 21 after start of the project. However, this is at risk, when the first open call is further delayed.

WP5

In the course of the second year, CONCERT further develop its stakeholder engagement activities further that will raise awareness of radiation protection research issues and widen the inputs into developing research priorities over the project life.

WP6

The ongoing work on identifying key infrastructure for radiation protection research in Europe and beyond, as started in DoReMi and OPERRA, was extended by CONCERT in developing criteria for excellent infrastructure in the first year. This work will be continued and to provide further opportunities for scientists to make better use of existing infrastructure for their research.

WP7
E&T is seen as an integral part of excellence and sustainability of science in radiation protection. Experience from courses and other training activities carried out in the first year of CONCERT will be used to call for new courses and other training activities in the second year and formulate requirements for the integration of young scientist in projects to be funded in the second open research call of CONCERT.

1.3 Correspondence with the Description of Work - Annex 1

The basic concept of the CONCERT EJP is a circling workflow on an annual basis to prepare for open scientific calls. This work flow starts in close collaboration with the research platforms in WP2 from research needs in radiation protection as documented in the long-term SRA and in short-term research priorities. The documented research needs from the different sectors are consolidated in joint research priorities and a research roadmap in WP3. This circling work flow is supported by integrative activities in WP 5 (Stakeholder involvement), WP 6 (Access to research infrastructure) and WP 7 (E&T), which provide input into WP3. The final output of WP3 is the basis for the open call announcements in WP4 for challenge-driven research projects characterised by scientific excellence and maximised integration potential related to access to infrastructure, E&T of young scientists, participation of research partners from new member states. Beside this input in the annual circling work flow the integration WP provide the grounds for sustainable integration activities.

1.3.1 WP1

The primary activity of WP 1 during month 13 to 24 of the CONCERT EJP is to conclude grant agreements following the evaluation of the 2016 Call for proposals and supportive activities in publishing the second call for proposals. However, this depends on the actual schedule for the first open call which is delayed due to pending amendment procedure.

1.3.2 WP2

One of the main inputs from the research platforms MELODI, ALLIANCE, NERIS and EURADOS in the CONCERT EJP are their respective sectorial SRA, research priorities and road maps. These are developed and updated regularly in perennial or annual cycles. In month 13 to 24 of the CONCERT EJP the research platforms will update their SRA-statements which directly serve as input for WP3. Research topics related to radiation protection in medicine will initially be included in the SRA-statements from MELODI and EURADOS, respectively, as agreed in MoU of the platforms with relevant professional associations in medicine. In parallel CONCERT will support these relevant professional associations in medicine to establish a fifth research platform in the medical field by following up initiatives in OPERRA and CONCERT. Research perspectives of social sciences and humanities on radiation protection research as a whole have been initiated by CONCERT in the first year for input in WP3 in the second open call.

1.3.3 WP3

During the second year of CONCERT, WP3 will rely on its expertise from the first year to prepare the second call. A call preparation plan is presented and approved to the CONCERT MB. The aim is to have a first set of priorities ready in July, to launch an e-survey on these priorities to receive stakeholders' opinions, and to propose a final set of call priorities to the CONCERT MB in September 2016.
The second year will be crucial to build a strategy on establishing a joint roadmap in radiation protection research. A first draft joint roadmap is foreseen in M24.

1.3.4 WP4

The first call for proposals will be launched, and WP4 will be responsible for the organization of the evaluation of the submitted proposals. Experts from the database will be allocated to proposals by the CSC with the help of the SRG. The proposals will be ranked by the experts in a final Peer Review Meeting to recommend the best projects for funding. The ranking list will be provided to the WP1. Then, following the lessons learned from the first call for proposals, WP4 will set up all the procedures and structures required to start CONCERT's second open scientific call. WP4 will be responsible for drafting all necessary documents for the open calls and for the management of the open call process including the organization of the peer reviewing.

However, this depends on the actual schedule for the first open call which is delayed due to pending amendment procedure.

1.3.5 WP5

In the second year of CONCERT WP5 will concentrate on bringing elements of the Stakeholder Engagement Strategy to life. In particular efforts will focus on establishing stakeholder dialogue through meetings and on developing effective survey approaches. In parallel specialist information about CONCERT and its research programme will be developed and regularly updated to be presented on the CONCERT web site. Strategies for stakeholder involvement have been established in WP5 during the first year. In parallel specialist information about CONCERT and its research programme has been developed and will be regularly updated to be presented on the CONCERT web site.

1.3.6 WP6

Access to state of the art infrastructure for radiation protection research is an important condition for scientific excellence. WP6 will promote the visibility of such infrastructure making them known to the community, by developing and updating quality criteria for infrastructure and by helping to get access to it. WP6 has developed a qualified list of relevant key research infrastructure and will give input to joint programming for CONCERT's second open call into WP3 to maximize integration due to facilitation of access to valuable research infrastructure.

1.3.7 WP7

E&T is one of the corner stones for sustainable research in the field of radiation protection and for translational activities towards integration of scientific knowledge in professional daily routine. WP7 will give input to joint programming for CONCERT's second open call into WP 3 with the emphasis to give best possible training to young scientists by integrating them in CONCERT funded research projects. In parallel WP7 will continue to organise open calls for targeted E&T courses in prioritized research areas as identified by joint programming in WP3.

2 Annual Work Plan Activities

2.1 Annual Work Plan

2.1.1 Structure of the Annual Work Plan

The Annual Work Plan of year 2 of the CONCERT EJP is dominated by the circling work flow of CONCERT to prepare for the second open scientific call. This strictly follows the work flow description of the CONCERT proposal.

In year 2 CONCERT will focus on maintaining and improving the structures and procedures to manage and administer the EJP with the goal to announce the second open call at the end of month 21. All CONCERT WP are integrated into this circling work flow, which is in principle designed to start with an update of the joint strategic research agenda, the formulation of research priorities by joint programming and finally the funding and monitoring of research projects which fulfil all the requirements of scientific excellence and integration.
Cross-cutting through this circling workflow are WP dedicated to integration activities which on one side have input through interfaces into the circling work flow and on the other side have the target for a sustainable support of radiation protection research. These principle work flows, one circling, and one more or less continuous are described in the CONCERT proposal. However, the same principles give the AWP a clear structure.

Activities in the AWP are listed as WP activities. Due to the large number of POM as CONCERT participants and many institutions actively involved in CONCERT activities as LTP in addition to the strong involvement of the research platforms with their large active membership a breakdown of the annual activities further down as WPs and Tasks results in low person-month involvement of some CONCERT participants and LTPs. However, the mission of CONCERT and the research platforms to encourage institutions to become active partners in radiation protection research in Europe make it necessary to plan for these active partners at least one one-day meeting per year to interact and exchange information.

2.1.2 Timing of the different programmed activities and their components

		Year 2											
		Q1			Q2			Q3			Q4		
		13	14	15	16	17	18	19	20	21	22	23	24
WP1:	**Project coordination & management**						**MS2**			**D 1.2 MS3**			
	meetings (kick-off, periodic meetings)												
Task 1.1:	Overall legal, contractual, administrative management and financial management												
Task 1.2:	Consortium, Executive and Management Board meetings												
Task 1.3:	Updating the rolling annual work plan												
Task 1.4:	External Scientific Advisory Board for the evaluation of CONCERT												
Task 1.5:	Negotiation of projects to be funded through CONCERT open research calls												
Task 1.6:	Funding decision process for integration activities listed in the approved annual work program												
Task 1.7:	Attracting new members to the CONCERT EJP Consortium												
Task 1.8:	Public CONCERT webpage and a secure internal web-based work space												
Task 1.9	Establishment of an expert database for the reviewing processes of CONCERT												
WP 2:	**Integration and SRA development in radiation protection research**	**D 2.4**		**D 2.5**		**D 2.6**	**D 2.7 MS9 MS10 MS51**						**D2.8 D2.11**
Task 2.1:	Development of Strategic Research Agenda, roadmap and priorities for research on low dose risk												
Task 2.2:	Development of Strategic Research Agenda, roadmap and priorities for research on radioecology												
Task 2.3:	Development of Strategic Research Agenda, roadmap and priorities for research on emergency preparedness and response												
Task 2.4:	Development of Strategic Research Agenda, roadmap and priorities for research on dosimetry												
Task 2.5:	Development of Strategic Research Agenda, roadmap and priorities for research with the medical scientific community												
Task 2.6	Creating Strategic Research Agenda for Social Sciences and humanities in Radiation Protection												
Task 2.7	Research and innovation supporting the implementation of the revised European Basic Safety Standards												
WP 3:	**Priority research and joint programming needs in the perspective of European Integration**												
Task 3.1:	Integration of SRAs and research priorities from research platforms and national programs												
Task 3.2:	Joint priority setting								**MS15**	**D3.2**			
Task 3.3:	Joint roadmap development for a long term strategy of radiation protection research in Europe												**MS16 D3.4**
WP 4:	**Organization and management of CONCERT open RTD Calls**			**D 4.2 D 4.8**			**D4.7**			**D4.4** MS21			**[MS21]**
Task 4.1:	Setting up a joint Call Secretariat												
Task 4.2:	Preparation of the Open Call documents and launch of the call												
Task 4.3:	Implementation of the open call												
Task 4.4:	Monitoring of the calls and the funded projects												
WP 5:	**Stakeholder involvement and communication in radiation protection research**						**D 5.3 * MS27**						*
Task 5.1:	Strategy for public and societal stakeholder engagement												
Task 5.2:	Establish a stakeholder group												
Task 5.3:	Interaction with the civil society, including use of social media for stakeholder communication												
Task 5.4:	Development of general and specialist information for the CONCERT website												
WP 6:	**Access to infrastructures**					**D6.3**							**MS30**
Task 6.1:	Promote the visibility of key research infrastructures												
Task 6.2:	Harmonize Practices and Protocols												
Task 6.3:	Strategy for Facilitating Access to infrastructure												
WP 7:	**Education and training**			MS35 MS37			MS42 MS48						**D7.2 D7.18 MS49**
Task 7.1:	Attracting and retaining students and junior scientists into the Radiation Protection research fields												
Task 7.2:	Education and training as an essential part of dissemination and knowledge management within CONCERT												
Task 7.3:	Targeted E&T initiatives												**D7.10**
Task 7.4:	Coordination and collaboration on E&T policy and strategy												**D7.14**
Task 7.5:	European integration of junior scientist career development												

***Additional Deliverables (if applicable - brief description and month of delivery)**

WP5

D5.5 completion of a first stakeholder meeting (M18)

D5.6 Review of prior experience of social media for radiation risk communication (M18)

D5.7 development of public-facing survey (M24)

D5.8 CONCERT public web site with public-facing information on radiation risk (M24)

2.1.3 Detailed work description:

2.1.3.1 WP1 Project coordination & management

Set of Activities Number	1			**Start date**			**M** 1
Set of Activities Title	Project coordination & management						
Participant number	**1**	4	3	5	24	29	25
Participant short name	**BfS**	ANR	SCK•CEN	DH-PHE	FCT	VUJE	IMROH
Person-months per participant	51	0.6	0.6	0.2	0.2	0.2	0.2
Participant number	27	30	31	8			
Participant short name	IFA	UT	RSC	MELODI	All MB members		
Person-months per participant	0.6	0.2	0,2	-	1,86		

Objectives

Task of WP1 is to coordinate the CONCERT EJP.

The main objectives of the second project year are:

The purpose of WP "Consortium coordination and management" is to ensure the most effective administrative and financial management of the consortium with a view to reaching a good synergy between the partners. The overall objective of the managerial organisation is to provide necessary structures for participatory and efficient decision-making and coordination of activities, fluent day-to-day management including flow of information and financing (including the establishment of contracts with CONCERT Grantee Consortia and CONCERT external contractors), reporting to EC, as well as providing support and guidance on consortium activities.

However, these objectives for the second year are at risk depending on the actual schedule for the first open call which is delayed due to pending amendment procedure.

Description of programmed activities

Task 1.1 – Overall legal, contractual, administrative management and financial management (BfS)

Key activities during year 2 are:

- Monitoring the compliance by beneficiaries with their obligations under the grant agreement
- Monitoring the progress of the project and review the deliverables and reports to verify consistency with the project tasks
- Collection of information about achievements in relation to objectives from the partners every 12 months in order to ensure efficient follow-up of the project progress and proper reporting to EC.
- Updating the Consortium Agreement if necessary.
- Administration of the EC financial contribution regarding its allocation between beneficiaries and activities, in accordance with the grant agreement and the decisions taken by the consortium.
- Keeping the records and financial accounts

Task 1.2 – Consortium, Executive and Management Board meetings (BfS, MB members**)**

Key activities during year 2 are:

- Organisation of periodic MB meetings in connection with reporting periods
- Organisation of regular ExB meetings (about 3-4 times per year).

Task 1.3 – Updating the rolling annual work plan (AWP) (BfS, MB members**)**

Key activities during year 2 are:

- Update of the AWP
- Submission of the AWP together with the annual project report to the EC not later than month 21 of the project year 2

Task 1.4 – External Scientific Advisory Board (ESAB) for the evaluation of CONCERT (BfS, MB members**)**

Key activities during year 2 are:

- Organisation of the annual ESAB meeting

Task 1.5 – Negotiation of projects to be funded through open R&D calls (BfS, ANR, MB members**)**

Key activities during year 2 are:

- Organisation of the CONCERT Funding Meeting of the MB.
- Preparation of draft contracts by the coordinator and WP 4 leader
- Negotiation of the contracts with proposed CONCERT grantees by the coordinator with support from WP4
- Signature of the grant contracts by the coordinator on behalf of the CONCERT EJP and by the grantee

Task 1.6: Funding decision process for integration activities listed in the approved annual work programme (BfS, ExB members, MB members**)**

Key activities during year 2 are:

- Proposal by the coordinator and decision by the ExB on the funding of integration activities as listed in the AWP.
- When it is suggested by the ExB that an integration activity be performed, in part or in total, by one or more external entities, the Coordinator launches a European public procurement procedure to identify and contract with such entities for the delivery of the required services

Task 1.7: Attracting new members to the CONCERT EJP Consortium (IFA, BfS, FCT, VUJE, IMROH, RSC, UT**)**

Key activities during year 2 are:

- Establishment of links to national EURATOM contact points and institutions responsible for scientific and regulatory aspects of radiation protection to promote CONCERT integrative activities
- Invitation to POM's from new countries to join the CONCERT Consortium

Task 1.8: Public CONCERT web page and a secure internal web-based work space (SCK•CEN, DH-PHE, BfS**)**

Key activities during year 2 are:

- maintaining the secure internal workspace
- Hosting the main CONCERT archive for the management of internal documents on the workspace
- Maintaining the public CONCERT website.

Task 1.9: Establishment of an expert database for the reviewing processes of CONCERT (MELODI; MB members**)**

Key activities during year 2 are:

-

Deliverables

D1.2 – Second periodic report to the EC in accordance with the provisions of the consortium contract (M21)

2.1.3.2 WP2 Integration and SRA development in radiation protection research

Set of activities number	**2**	**Start date**					**M 13**
Set of activities title	**Integration and SRA development in radiation protection research**						
CONCERT Consortium Members							
Participant number	**1**	**2**	**3**	**5**	**6**	**7**	**8**
Participant short name	**BfS**	**STUK+ UEF**	**SCK-CEN**	**DH-PHE**	**CEA**	**UniPv**	**MELO DI**
Person-months per participant	**4,5**	**4,8**	**4,5**	**1,45**	**0,6**	**2,1**	**-**
Participant number	**9**	**10**	**11**	**12**	**14**	**15**	**16**
Participant short name	**ALLIANCE**	**NERIS**	**EURADOS**	**IRSN**	**CIEMAT**	**NRIRR**	**MTA EK**
Person-months per participant	**-**	**-**	**-**	**3,67**	**1,4**	**1,5**	**0,5**
Participant number	**18**	**19**	**20**	**21**	**22**	**23**	**25**
Participant short name	**HMGU**	**MUW**	**ENEA**	**ISS**	**NRPA**	**RIVM**	**IMROH**
Person-months per participant	**1,7**	**0,2**	**0,54**	**0,8**	**0,6**	**0,2**	**0,4**
Participant number	**28**	**29**	**30**	**32**			
Participant short name	**EEAE**	**VUJE**	**UT**	**UL**			
Person-months per participant	**0,2**	**0,6**	**0,2**	**0,2**			
Linked Third Parties							
LTP short name / linked to	**DTU/ NERIS**	**MUTADIS/NERIS**	**UMIL/ NERIS**	**PTB/ EURADOS**	**IST/ EURADOS**	**RBI/ EURADOS**	**IFJ PAN/ EURADOS**
Person-months per LTP	**0,2**	**0,4**	**0,2**	**0,2**	**0,2**	**0,2**	**0,2**
LTP/Participant short name	**SL/ EURADOS**	**CEPN/ IRSN**	**SU/ MELODI**	**CREAL/ CIEMAT**	**KIT/HMGU**	**HZDR/ HMGU**	**NMBU /NRPA**
Person-months per LTP	**0,2**	**2**	**0,2**	**0,4**	**1**	**0,5**	**0,2**
LTP/Participant short name	**CTU-FBME / SURO**	**NRI/ SURO**					
Person-months per LTP	**0,4**	**0,2**					

Description of programmed activities

Task 2.1 - Development of Strategic Research Agenda, roadmap and priorities for research on low dose risk (MELODI, BfS, MTA-EK, DH-PHE, HMGU, IRSN, STUK, ENEA; UniPv, CEA; LTPs: CTU-FBME, CREAL, SU, UEF)

Key activities during year 2 are:

- The list of priorities based on existing SRA is prepared by month 13. This is input to Joint Programming (WP3).
- The preparation of long-term roadmaps is finalized. Interlinks with roadmaps of other platforms will be investigated (24)

Task 2.2 - Development of Strategic Research Agenda, roadmap and priorities for research on radioecology (ALLIANCE, IRSN, SCK-CEN, BfS, STUK, HMGU, CEA, CIEMAT; LTPs: HZDR)

Key activities during year 2 are:

- The list of priorities based on existing SRA is prepared by month 13. This is input to Joint Programming (WP3).
- The preparation of long-term roadmaps is finalized. Interlinks with roadmaps of other platforms will be investigated (24)

Task 2.3 - Development of Strategic Research Agenda, roadmap and priorities for research on emergency preparedness and response (NERIS, SCK-CEN, BfS, DH-PHE, VUJE, IRSN, CIEMAT, NRPA, STUK; LPTs: DTU, CEPN, KIT, MUTADIS)

Key activities during year 2 are:

- The list of priorities based on existing SRA is prepared by month 13. This is input to Joint Programming (WP3).
- The preparation of long-term roadmaps is finalized. Interlinks with roadmaps of other platforms will be investigated (24)

Task 2.4 - Development of Strategic Research Agenda, roadmap and priorities for research on dosimetry (EURADOS, HMGU, IRSN, SCK-CEN, CIEMAT, DH-PHE, ENEA, ISS, CEA; LTPs: PTB, IFJ, SL, RBI, IST)

Key activities during year 2 are:

- The list of priorities based on existing SRA is prepared by month 13. This is input to Joint Programming (WP3).
- The preparation of long-term roadmaps is finalized. Interlinks with roadmaps of other platforms will be investigated (24)

Task 2.5 - Development of Strategic Research Agenda, roadmap and priorities for research with the medical scientific community (UniPv, BfS, MUW, IRSN, NRPA, STUK, ISS, CEA; LTPs: CREAL, CTU-FBME)

Key activities during year 2 are:

- The work for the development for joint SRA for radiation protection in medicine will be finalised.
- Joint research needs and priorities addressing radiation protection research relevant for medical use of radiation and communication/risk perception in radiation protection field are provided as input to Joint Programming (WP3)
- A meeting with the European professional associations interested in medical radiation to form a representative working group to explore the most effective way to integrate radiation protection in medicine in a wider radiation protection research umbrella structure in Europe is organised.
- Stakeholders in the medical scientific community are identified and contacts created.

Task 2.6 - Creating a Strategic Research Agenda on Social Sciences and humanities in Radiation Protection (SCK-CEN, BfS, IRSN, EEAE, ISS, NRPA, VUJE, IMROH; LTPs: MUTADIS, CEPN, NMBU, UNIMI, UEF)

This work is divided into three sub-task groups: 1) Ethics and justification 2) Risk communication and perception, and 3) safety culture.

Key activities during year 2 are:

- Work for the creation of a Strategic Research Agenda for the integration of social sciences and humanities in radiation protection research will continue. First SRA draft will be prepared (24)
- Organizing reflection groups with professionals and experts with expertise in social sciences and humanities applied in radiation protection-related topics.
- Meeting(s) of reflection groups interested in social sciences and humanities, with focus on ethics, risk perception and risk communication, and safety culture.
- Stakeholders in social sciences and humanities are identified and contacts created.
- Input to Joint Programming (WP3) is provided by identifying joint research needs and priorities (13).

Task 2.7 – Research and innovation supporting the implementation of the revised European Basic Safety Standards (NRIRR, STUK, IRSN, BfS, VUJE, ISS, RIVM, IMROH, UT; LTPs: UJV, UEF)

Key activities during year 2 are:

- Contacts with Art. 31 group will continue and possibilities for joint activities searched (possibly a joint meeting/session by CONCERT and the Art. 31 group discussing the implementation of BSS in member states).
- Contacts with HERCA will continue and possibilities for joint activities searched.
- The work for the identification of national level research needs will continue.
- Input to Joint Programming (WP3) is provided by identifying joint research needs and priorities.

Deliverables

D2.4 Annual SRA Statements from MELODI, ALLIANCE, NERIS and EURADOS (M13)

D2.5 Long-term roadmaps from MELODI, ALLIANCE, NERIS and EURADOS (M15)

D2.6 Joint research needs and priorities addressing radiation protection research relevant for medical use of radiation and communication/risk perception in radiation protection field (M16)

D2.7 Synergies between the medical SRA and the SRAs of MELODI and EURADOS (M18)

D2.8 Draft SRA on social science and humanities in RP (M24)

D2.11 Identifying research needs and R&D priorities supporting the implementation of BSS in national and EU level (M24)

2.1.3.3 WP3 Priority research and Joint programming needs in the perspective of European Integration

Work package number	3												**Start date**			Month 13
Work package title	Priority research and joint programming needs in the perspective of European integration															
Participant Number	1	2	**3**	4	5	6	7	8	9	10	11	12	13	14	15	16
Short name of participant	BfS	STUK	**SCK-CEN**	ANR	DH(PHE)	CEA	UniPv	MELODI	ALLIANCE	NERIS	EURADOS	IRSN	SSM	CIEMAT	NRIRR (OSSKI)	MTA-EK
Person-month per participant	0,60	0,8	**7,00**	0,05	0,80	0,80	0,80	0,00	0,00	0,00	0,00	1,50	0,05	0,80	0,80	0,80
Participant Number	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
Short name of participant	NCRRP	HMGU	MUW	ENEA	ISS	NRPA	RIVM	FCT	IMROH	SURO	IFA	EEAE	VUJE	UT	RSC	UL
Person-month per participant	0,80	0,80	0,05	0,80	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05
Participant Number																
Short name of participant	DTU/ NERIS	MUTADIS/NE	UMIL/NERIS	PTB/EURADO	IST/EURADO	RBI/EURADO	IFJ	SL/EURADOS	CEPN/IRSN	ENSTTI/IRSN	SU/MELODI	CREAL/CIEM	KIT/HMGU	GSI/HMGU	FZJ/HMGU	HZDR/HMGU
Person-month per participant	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,05	0,80	0,05	0,05	0,05	0,8	0,05	0,05	0,05
Participant Number																
Short name of participant	NMBU/NRPA	CTU/SURO	NRI/SURO	IFIN-HH/IFA-MG												
Person-month per participant	0,05	0,1	0,8	0,05												
Participant Number																

Objectives

WP3 aims at joint programming for the entire field of radiation protection research, by developing joint research priorities and a joint long-term road map.

The main objectives of WP3 for the 2nd year are:

1. Preparation of a consolidated list of joint research priorities in the field of radiation protection research for the 2nd open research call of CONCERT
2. Preparation of guidelines on the repartitioning of the CONCERT open research call budget between the abovementioned priority research areas
3. Initiation of a joint roadmap

Description of Programmed Activities

Task 3.1 –Integration of SRAs and research priorities from research platforms and national programs (proposed lead: BfS; Partners: the representatives of the RP association, all CONCERT partners)

Key activities during year 2 are:

- Collection of input provided by WP2 including (1) the existing radiation protection platforms, (2) priorities from radiation protection in medicine and (3) radiation protection related social sciences and humanities
- Collection of input provided by CONCERT Management Board members.
- Analysis of abovementioned input, to prepare for joint priority setting in Task 3.2.

Task 3.2 – Joint priority setting (lead: SCK-CEN; partners: all CONCERT partners)

Key activities during year 2 are:

- In Task 3.2 the draft list of priorities of Task 3.1 will be supplemented with research needs to support implementation of the revised Basic Safety standards and with relevant research priorities suggested by stakeholders (provided by WP5).
- Research priorities will be formulated in such a way that they include requirements for E&T integrative activities (provided by WP7) and include guidance for access to research infrastructures (provided by WP6).
- Analysis of other funding sources for radiation protection research, to avoid double funding.
- Analysis of the outcome of the 1st CONCERT call,
- Analysis of research progress within and lessons learned from former radiation protection research projects.
- Identification of a limited number of priorities for the second call taking into account general call conditions decided by the CONCERT Management Board and the limited duration of the winning projects
- Open consultation on draft call priorities.
- Submission of draft call priorities to the CONCERT Management Board.
- Adaptation of draft call priorities if needed after CONCERT MB consultation for final approval.

Task 3.3 – Joint roadmap development for a long term strategy of radiation protection research in Europe (lead: MELODI; partners: ALLIANCE, EURADOS, NERIS, all CONCERT partners)

Key activities during year 2 are:

- Task 3.3 will provide a strategy for the development of a long-term road map in radiation protection research (M16)
- Based on the strategy a first draft joint roadmap will be prepared (M24)

Deliverables

D3.2 Second Annual Joint Priority list (M21)

D3.4 First joint Roadmap draft (M24)

2.1.3.4 WP4 Organization and management of CONCERT open RTD Calls

Set of Activities number	4	**Start Date or Starting Event**				**M 13**
Set of Activities Title	**Set up Call Steering Committee (CSC) and Joint Call Secretariat (JCS).**					
Participant Number	4	13	26			
Short Name of Participant	**ANR**	SSM	FCT			
Person-months per Participant	9	1,5	1,5			

Objectives

WP 4 will administer the CONCERT open research call process.

The main objectives of the second project year are:

- Completion of the first CONCERT open research call
- Preparation of the documents for the second CONCERT open research call
- Launch of the second CONCERT open research call
- Development of indicators to assess scientific excellence, and efficiency and relevance of submitted proposals for the CONCERT research programme

However, these objectives for the second year are at risk depending on the actual schedule for the first open call which is delayed due to pending amendment procedure.

Description of Programmed Activities

Task 4.1 – Setting up a Joint Call Secretariat (JCS) (ANR)

Key activities during year 2 are:

- The JCS will be set up at ANR for the second CONCERT open research call

Task 4.2 - Preparation of the Open Call documents and launch of the call (ANR, SSM, FCT)

Key activities during year 2 are:

- Call documents will be prepared for the second CONCERT open research call by the JCS with the help of the CSC
  1. The CONCERT open research call text delineates the aim and topic of the call for proposals, and the application procedure (M21)
  2. In parallel, a call pre-announcement will be published to maximize the early mobilization of the Radiation Protection research community (M20)

Task 4.3: Implementation of the open call (ANR, SSM, FCT)

Key activities during year 2 are:

- Establishment of the Ranked List of Eligible Projects for the first CONCERT open research call by the PRP members (M15)
- Launch of the second CONCERT open research call (M21)

Task4.4: Monitoring of the calls and the funded projects (ANR, SSM, FCT)

Key activities during year 2 are:

- Lessons learned on the first CONCERT open research call to gather suggestions for improvement for the process of the second CONCERT open research call (M18)
- The CSC will identify and propose a matrix of indicators based on established indicators from FP 7/H2020 in order to assess the efficiency and the relevance of funded projects to the CONCERT research programme, and other integration activities prerequisites for funded project monitoring process (M15)

Deliverables

D4.2 Final ranking list and Joint selection list of the projects to be funded from the joint international peer review of full proposals for the CONCERT open RTD Call 1 (M15)

D4.4 Call documents: Governance of the Call and Evaluation document, Call Text, Guidelines for applicants, Proposal templates, for the CONCERT open RTD Call 2 (M21)

D4.7 Report on the monitoring of the CONCERT open RTD Call 1 to gather suggestions for improvement for the process of the CONCERT open RTD Call 2 (M18)

D4.8 List of indicators for follow up of funded projects (M15)]

2.1.3.5 WP5 Stakeholder involvement and communication in radiation protection research

Set of Activities Number	5	**Start Date or Starting Event**					M13
Set of Activities Title	Stakeholder involvement and communication in radiation protection research						
Participant Number	**5**	12	2	21	3	29	31	56
Short name of participant	**DH-PHE**	IRSN	STUK	ISS	SCK-CEN	VUJE	UL	LTP NMBU/NRPA
Person-months per Participant:	13.2	1.5	1	1.5	1	0.5	0.1	0.5

Objectives

WP5 will promote stakeholder engagement activities and help develop information for the CONCERT website

The main objectives for the second project year are:

- To establish a core stakeholder group and hold an initial meeting
- To plan and a public facing survey
- To help develop core information for the CONCERT web page

Description of Programmed Activities (possibly broken down into tasks), lead partner, role of participants, and relevant Work Package

Task 5.1 Strategy for public and societal stakeholder engagement (Lead: DH-PHE; Partners: ExB members, IRSN, ISS, VUJE; LTP: NMBU/NRPA)

Following the successful development of a stakeholder engagement strategy and its posting on the CONCERT website in December 2015, in the current year the strategy will be refined in the light of comments received.

Task 5.2 Establish a stakeholder group (Lead: IRSN; Partners: ExB members, IRSN, ISS, VUJE; LTP: NMBU/NRPA)

Key activities during year 2 are:

- Identify and appoint key members of a core stakeholder group
- Hold a first CONCERT stakeholder meeting (M16)

Task 5.3 Interaction with the civil society, including use of social media for stakeholder communication (Lead: ISS; Partners: ExB members, IRSN, ISS, VUJE; UL LTP: NMBU/NRPA)

Key activities during year 2 are:

- A public facing survey will be planned and developed. Drawing on experience within OPERRA, a simple survey to canvas non-specialist stakeholder opinion on the perception of radiation risk, potentially useful information to aid judgements on risk, and areas that could benefit from further research to improve the evidence base and credibility of the system of radiation protection will be developed (M24).
- The public facing survey will be posted on the CONCERT web site (M24).

Task 5.4 Development of general and specialist information for the CONCERT website (Lead: DH-PHE; Partners: ExB members, SCK.CEN, IRSN, ISS, VUJE; LTP: NMBU/NRPA)

Key activities during year 2 are:

- Identification and selection of existing web based information on radiation risk and developing appropriate content for the CONCERT website
- Publication of latest developments/achievements (news) to keep the stakeholders informed
- Promotion of upcoming events including but not limited to stakeholder meetings, workshops, courses
- Publication of the second CONCERT call

Additional Deliverables (if applicable - brief description and month of delivery)

D5.5 completion of a first stakeholder meeting (M18)

D5.6 Review of prior experience of social media for radiation risk communication (M18)

D5.7 development of public-facing survey (M24)

D5.8 CONCERT public web site with public-facing information on radiation risk (M24)

2.1.3.6 WP6 Access to infrastructures

Set of Activities number	6			**Start date**		M 13
Set of Activities title	Access to infrastructures					
	CONCERT Consortium Members					
Participant number	**6**	1	2	3	7	12	14
Participant short name	**CEA**	BfS	STUK	SCK-CEN	UniPv	IRSN	CIEMAT
Person-months per participant	8	0.25	0.15	0.4	0.4	0.25	0.4
Participant number	16	17	18	21	22	23	28
Participant short name	MTA-EK	NCRPP	HMGU	ISS	NRPA	RIVM	EEAE
Person-months per participant	0.4	0.15	0.5	0.15	0.15	0.5	0.15
Participant number	32						
Participant short name	UL	LTP NMBU/ NRPA	LTP SU/ MELODI	LTP GSI/ HMGU	LTP KIT/ HMGU	LTP CTU-FBME/ SURO	
Person-months per participant	0.15	0.5	0.15	0.15	0.15	0.15	

Objectives

WP 6 aims to increase the visibility of infrastructures fulfilling recommended criteria and facilitate their access to the radiation protection research community.

The main objectives for the second project year are:

- To implement the portal "Access to Infrastructures for Radiation protection Research Documented Database" (AIR²D²) (continued)
- To publish regular information about infrastructure in the bulletin AIR² (continued)
- To develop harmonized practices and protocols to strengthen and expand databases from past radiological experiments and from stored biological material
- To develop additional strategies for facilitating access to infrastructures

Description of Programmed Activities

Task 6.1 Promote the visibility of research infrastructures (Lead: NMBU; Partners: IRSN, CIEMAT, CEA, BfS, STUK, SCK-CEN, UniPv, MTA-EK, NCRRP, HMGU, ISS, NRPA, RIVM, EEAE, UL,LTP: SU, GSI, KIT, CTU-FBME)

Key activities during year 2 are:

- Incrementing of the list of infrastructures (lead: IRSN)
- Optimisation of a list of recommended criteria for all types of research infrastructures (lead: CIEMAT)
- Implementation of the portal Access to Infrastructures for Radiation protection Research Documented Database (AIR²D²) (lead: CEA)
- Publication of the monthly bulletin AIR² (10 issues per year) (lead: CEA)

Task 6. 2 Harmonize Practices and Protocols (Lead: RIVM; Partners: BfS, MTA-EK, SCK-CEN, CEA, CIEMAT all WP6 partners**)**
Key activities during year 2 are:

- Improvement of the databases for archived data and biological material (STORE, JANUS, radioecology) and strategies for their exploitation. Assessment of the availability of archived data and samples for STORE and the radioecology databases. Curation of STORE and linked database (lead: BfS)
- Action plan to increment the database with past and on-going studies (lead: MTA-EK) (M24)
- Review of approaches that could be performed on archived materials (lead SCK-CEN) (M24)
- Identification of need in new harmonization exercises (lead: CEA) (M24)

Task 6.3 Strategy for Facilitating Access to infrastructure (Lead: CEA; Partners: all WP6 partners**)**
Key activities during year 2 are:

- Action plan for addressing funding possibilities to optimize funding for access to infrastructures (lead: CEA)(M24)
- Recommendations for infrastructure related topics for the 2nd call of CONCERT (lead: CEA) (M17)
- Action plan for developing an infrastructure component in the E&T course (in close collaboration with WP7) (lead: UniPv) (M24)

Deliverable

D6.3 Recommendations for infrastructure related topics for the 2nd CONCERT call and Recommendations for funding schemes to support infrastructure use for the 2nd CONCERT call input to WP3 (M17)

Milestones

Task 6.1:

- M24 : Implementation of the Portal "Access to Infrastructures for Radiation protection Research Documented Database" (AIR²D²) (Lead: CEA)

Task 6.2:

- M24 : Improvement of STORE and interactions with other repository databases (Lead: BfS)
- M24: Action plan to increment the database with past and on-going studies (lead: MTA-EK)
- M24 :Review of approaches that could be performed on archived materials (lead SCK-CEN)
- M24: Identification of need in new harmonization exercise (lead: CEA)

Task 6.3:

- M24: Action plan for addressing funding possibilities to optimize funding for access to infrastructures (lead: CEA)
- M24: Action plan for developing an infrastructure component in the E&T course (in close collaboration with WP7) (lead: UniPv)

2.1.3.7 WP7 Education and training

Set of Activity number	7			**Start Date**		Month 13
Set of Activity Title	**Education and Training**					
Participant Number	**7**	1	2	3	6	14	15
Short Name of Participant	**UniPv**	BfS	STUK	SCK•CEN	CEA	CIEMAT	NRIRR
Person-months per Participant	8	0.2	0.2	1	0.2	0.2	1
Participant Number	16	17	18	19	20	25	30
Short Name of Participant	MTA-EK	NCRRP	HMGU	MUW	ENEA	IMROH	UT
Person-months per Participant	0.2	0.2	0.1	0.2	0.2	0.2	0.2
Participant Number	28	29	43	48	50		
Short Name of Participant	EEAE	VUJE	IST/EURADOS	ENSTTI/IRSN	CREAL/CIEMAT	LTP NMBU/NRPA	LTP SU/MELODI
Person-months per Participant	0.2	0.2	0.2	0.2	0.2	0.2	1

Objectives

WP7 aims to maintain an Education and Training (E&T) programme as an integral part into CONCERTs research programme activities.

The main objectives for the second project year are:

- Providing support for students and young post-doctoral researchers to European E&T by offering a limited number of grants for training and travel
- Promoting E&T as an intrinsic part of knowledge management and dissemination of new science, through the provision of training courses, workshops and seminars within the CONCERT research programme; encouraging proposals for the second CONCERT call to include a plan for integration of E&T into the research programme.
- Organisation and sponsorship of targeted initiatives in order to promote the specialised skills and knowledge needed to maintain the full competence of the research community and to disseminate research results and stimulate exchanges; organising a second call for E&T short courses.
- Coordination and collaboration with all research platforms and the wider industry and regulatory interests in order to take advantage of common policies, resources, and funding streams.

- Encouraging the integration of junior scientists into the European radiation risk research community

Description of Programmed Activities

Task 7.1 – Attracting and retaining students and junior scientists into the Radiation Protection research fields (Task leader: SU, Task participants: UniPv, HMGU, NMBU, NRIRR, MTA-EK, SCK•CEN, MUW, IST, UT**)**

Key activities during year 2 are:

- The rolling call for travel grant applications will continue, and be actively promoted.
- Contact will be made with key EU universities and E&T institutions in order to initiate a dialogue on transferability and mutual recognition. A meeting will be organised to discuss problems and possible solutions

Task 7.2: Education and training as an essential part of dissemination and knowledge management within CONCERT (Task leader: NRIRR, Task participants: SCK•CEN, UniPv, NCRRP, SU, MUW, VUJE, CEA, MTA-EK, NMBU, CREAL, STUK**)**

Key activities during year 2 are:

- A proposal for E&T content of CONCERT call 2 will be prepared and submitted to WP3. It will be suggested that call proposals must include a plan for integration of E&T into the research programme, with a description of the proposed activities.
- Input for integration of E&T activities in WP2 and WP 3 will be given.

Task 7.3: Targeted E&T initiatives (Task leader: UniPv, Task participants: NRIRR, NCRRP, HMGU, SU, CEA, MUW, MTA-EK, SCK•CEN, NMBU, CREAL, STUK**)**

Key activities during year 2 are:

- A second open call will be made in collaboration with Task 1.6 for institutions to organise short courses (up to 3 weeks length), summer schools, or teaching seminars on topics of relevance to the CONCERT research programme, to be held during the academic year 2016-2017. Short courses will be at the MSc /PhD level. Applications for course grants will be initially adjudicated by the E&T Committee, then recommended applications will be submitted to the CONCERT ExB for approval.

Task 7.4: Coordination and collaboration on E&T policy and strategy (Task leader: SCK•CEN, Task participants: BfS, HMGU, UniPv, NRIRR, VUJE, CEA, MTA-EK, ENEA, EEAE, ENSTII, UT, IST, NMBU, CREAL, STUK, IMROH, EURADOS**)**

Key activities during year 2 are:

- An annual E&T Forum will be hosted by CONCERT to be held in conjunction with the Radiation Protection Week, September 2016 (Oxford, UK) in order to bring together all groups with interests in E&T for radiation protection and related topics, and to showcase the work being done by CONCERT.
- Updated information on E&T will be presented on the CONCERT webpage.

Task 7.5: European integration of junior scientist career development (Task leader: HMGU, Participants: UniPv, NRIRR, CIEMAT, IST, VUJE, CEA, MUW, MTA-EK, UT, NCRRP, IMROH, NMBU**)**

Key activities during year 2 are:

- Organise meetings with the joint CONCERT-working group to formulate a programme for this task.
- Formation of an organising committee to manage "Meet the Professor" lunches (M24)

Deliverables

D7.2 2nd Annual report on awards and grants given (M24)

D7.10 and 2nd annual report on E&T initiatives funded under Task 7.3, including participant feedback recommendations for next calls (M24)

D7.15 2nd annual report on the progress of Task 7.4 (M24)

D7.18 2nd annual report on activities of the task showing progress made and future plans (M24)

2.2 Participation in Annual Work Plan activities

Most of the CONCERT consortium partners (participants 1-32) do not plan to involve Linked Third Parties (LTP) or external experts at the initial stage of the CONCERT-EJP project.

Although, potential LTPs are not included in the initial consortium, there will be a chance for inclusion after the first or second call, in case this organisation is member of a successful consortium, pending on an amendment to the grant agreement.

Partner 1: BfS, Germany:

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**Y**
The STORE website has become an important tool for archiving and data sharing within the radiation protection research community in Europe and worldwide. While it was initially planned for purposes in the research field of MELODI only, it now is of interest also for ALLIANCE. The same accounts to some extent for EURADOS and NERIS, in particular with respect to biological dosimetry. The STORE website is hosted by BfS at no costs to the CONCERT project; and scientific curation of STORE will be done by BfS staff. Yet, a constant improvement of the website and of the software behind the website is crucial. This applies to both the data base which is fundamental for STORE and the user interface. To maintain and constantly improve the STORE website, to adopt it to the rapid development in international standards of data sharing, to establish links to other archiving and data sharing platforms, and to update the nomenclature used for best possible description of the available information BfS needs support from a subcontractor. *This subcontractor is the University of Cambridge, UK (UCam). UCam set up the STORE platform within the previous STORE project, further developed it within the DoReMi project and prepared the migration from Cambridge to BfS. Further, UCam gave advice regarding data sharing politics and in setting up the nomenclature.*	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**N**
at a later stage	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**N**
If yes, describe the third party and their contributions	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Potential Linked Third Parties to BfS
To be included at a later stage:

BfS is not involving any Linked Third Parties in the beginning of the CONCERT project but foresees this possibility in the later stages of CONCERT, in Calls organised by CONCERT, or other H2020 projects.

In particular, the following universities have long-term cooperation links with BfS:

Ruprecht-Karls-University, Heidelberg:

Contact: Prof. Dr. Michael Hausmann (hausmann@kip.uni-heidelberg.de), Tel. 49 6221 54 9824
Address: Ruprecht-Karls-Universität Heidelberg, Hauptstr. 207 – 209, 69117 Heidelberg
Homepage: http://www.kip.uni-heidelberg.de/user/hausmann
Contact: Prof. Dr. rer. nat. Gerhard Glatting (gerhard.glatting@medma.uni-heidelberg.de, Tel: +49 621/383-4960 (Sekretariat)
Address: Universitätsmedizin Mannheim, Medizinische Fakultät Mannheim der Universität Heidelberg, Medizinische Strahlenphysik/Strahlenschutz, Theodor-Kutzer-Ufer 1-3, D-68167 Mannheim

Johannes Gutenberg University, Mainz, including university hospital:

Contact: Prof. Dr. M. Blettner (maria.blettner@unimedizin-mainz.de) Tel.: 06131 17-3252
Address: Universitätsmedizin der Johannes Gutenberg-Universität Mainz; Institut für Medizinische Biometrie, Epidemiologie und Informatik (IMBEI)
Obere Zahlbacher Str. 69; 55131 Mainz, Homepage: http://www.unimedizin-mainz.de

University Düsseldorf including University hospital

Contact: Dr. med. Arndt Borkhardt (lesch@med.uni-duesseldorf.de)
Tel. 49 (0) 211 - 81-17680
Address: Universitätsklinikum Düsseldorf, Moorenstr. 5, 40225 Düsseldorf
Homepage: www.uniklinik-duesseldorf.de/kinderonkologie
Homepage: http://epi.klinikum.uni-muenster.de/

Universität des Saarlandes:

Contact: Prof. Dr. Claudia Rübe (claudia.ruebe @uniklinikum-saarland.de)
Tel.: 06841/16-34614
Address: Universitätsklinikum des Saarlandes, Kirrberger Straße, Gebäude 51, D-66421 Homburg/Saar
Homepage: http://www.uniklinikum-saarland.de/de/

Uni Hannover: Institute for Radioecology and Radiation Protection

Contact: Prof. Dr. Clemens Walther, walther@irs.uni-hannover.de
Address: Herrenhäuser Str. 2, 30419 Hannover, Tel: +49 511 762 3312
Homepage: http://www.irs.uni-hannover.de/walther

Uni Bremen:

Contact: Dr. Helmut Fischer, hfischer@physik.uni-bremen.de) => SSK
Head, laboratory of environmental radioactivity and the group of terrestrial environmental physics at IUP Bremen, Universität Bremen, FB 1; Tel. 218-62761
Landesmessstelle für Radioaktivität
Address: Otto-Hahn-Allee, D-28359 Bremen
Homepage: www.radioaktivitaet.uni-bremen.de

Partner 2 STUK:

National Radiation Safety Research Programme

The Finnish Government Resolution on Comprehensive Reform of State Research Institutes and Research Funding took place in September 2013 (document in English). The main goal of the reform is

to strengthen multidisciplinary, high-level research of social significance. One line of action was to deepen cooperation between research institutes and universities. To achieve this goal, the Resolution envisaged a step-by-step integration process leading to centers of competence (agreement-based consortiums). According to government policy, such agreement-based consortia must have common research equipment, laboratories and information resources (e.g. follow-up material, sample material, statistical and register material) as well as engage in close co-operation in research and education (e.g. sharing of mutually complementary competencies, joint professorships and duties, and shared staff). Furthermore, it was envisaged that, within the consortiums, the research institutes and universities form joint campus areas with common functions on a regional basis.

Based on the Government Resolution, a process was initiated in 2013 to strengthen the co-operation between STUK and universities and create a national research consortium that would carry out research on various aspects of ionizing and non-ionizing radiation safety. This process has involved an analysis of scientific disciplines required for radiation protection and surveying the profiles of Finnish universities. Existing collaborations were formalised and additional competencies were identified. By early 2015, the first version of a National Programme for Radiation Safety Research has been prepared in collaboration of STUK and nine universities (link to document). By the end of 2014, seven of these universities had already signed Expressions of Interest with STUK for the formation of a National Consortium for Radiation Safety Research. The formalization of the agreements between STUK and universities is expected to take place during 2015. In addition of STUK, the following universities have contributed to the national programme: Aalto University, Lappeenranta University of Technology, Tampere University of Technology, University of Helsinki, University of Eastern Finland, University of Jyväskylä, University of Oulu, University of Tampere and University of Turku. Research areas for the national programme include health (low dose risk as well as medical use of radiation), environment (radioecology) and emergencies (emergency preparedness and response, security of sources). As cross cutting themes risk assessment, risk management as well as technological development (metrology and dosimetry) are addressed. Overall, the programme is well aligned with the objectives of European radiation protection research platforms (MELODI, ALLIANCE, NERIS and EURADOS), with additional elements relevant for non-ionizing radiation safety, security research and metrology research. Introduction to the European Strategic Research Agendas (MELODI, ALLIANCE, NERIS, EURADOS, EMPIR and CBRN Action plan) was provided in a national stakeholder seminar organized by OPERRA in June 2014.

Based on the Government Resolution, the Agreement on National Consortium for Radiation Safety Research is expected to establish the necessary legal link for the beneficiary-Linked Third Party-relationship between the members of the Consortium. STUK is not involving any Linked Third Parties in the beginning of the CONCERT project but foresees this possibility in the later stages of CONCERT, in Calls organized by CONCERT, or other H2020 projects.

Partner 6: CEA, France:

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**Y**
The database AIR2D2 currently under construction was designed with the help of a French consultancy company, based on a concept developed by the WP6 members and specifications drawn up by CEA. Given the evolving requirements expressed during WP6 meetings, and despite maximum efforts from CEA staff trained in house, all the related activities for the development of the database (maps, interactivity process, easiness, fluidity…) cannot be performed by CEA alone. *CEA will continue to assure the database administration and support actions for its development (including importation of existing data from various databases, e.g. DOREMI, EURADOS, ALLIANCE, and the creation of new forms, comments, new criteria, help…) in order to increase the potential readability and increase the visibility of the infrastructures for the CONCERT calls, and to help researchers to find relevant and trustworthy infrastructures.* *The chosen subcontractor is MOBITIC CONSULTING who advised CEA at the very initial steps of the project, suggesting tools and developing the core concept of interactions in the database with Google Apps for Work and Google Apps Script.*	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**N**
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**N**
If yes, describe the third party and their contributions	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Participant 8: MELODI

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**y**
The LTP is a partner of the research platform MELODI and give major expert input in the work of MELODI. *In WP 2, WP 3, WP5, WP6, and WP7 of the CONCERT joint programing and integrative activities input is required that cannot be covered by the national PM in total. Additional expertise and competence is provided by the LTP.*	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP has special expertise and competence for input in the CONCERT joint programming or integrative activities. Its contribution is expert input in the tasks and deliverables of WP2, WP3, WP5, WP6 and WP7.	

Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Party to MELODI

University Stockholm (**SU**), Universitetsvägen 10A, SE-10691 Stockholm, Schweden, Tel: +46 8 16 1217, contact: andrzej.wojcik@su.se , and mats.harms-ringdahl@su.se www.su.se/english/

SU is elected member of the MELODI bureau.

Potential Linked Third Parties to MELODI
To be included at a later stage:

European Society of Radiology (**ESR**), Neutorgasse 9, 1010 Wien, Österreich, T. +43 1 53340640, contact: monika.hierath@myesr.org , https://www.myesr.org

European Federation of Organisations for Medical Physics (**EFOMP**), Fairmount House, 230 Tadcaster Road, York YO24 1ES,UK, T. +44 1904 610 821, contact: office@efomp.org www.efomp.org/

European Association of Nuclear Medicine (**EANM**), Hollandstrasse 14 / Mezzanine, A-1020 Vienna, Austria, T. +43-(0)1-212 80 30, contact: office@eanm.org, www.eanm.org/

European Federation of Radiographer Societies (EFRS), Catharijnesingel 73, 3511 GM Utrecht, The Netherlands, Contact Person: Dorien Pronk-Larive, contact: info@efrs.eu, www.efrs.**eu**/

European Society for Radiotherapy & Oncology (ESTRO), T. +32.2.775.93.40, Contact: info@estro.org

Participant 9: ALLIANCE

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**N**
If yes, describe the third party, the link of the participant to the third party, and describe and justify the foreseen tasks to be performed by the third party.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**N**
If yes, describe the third party and their contributions	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Potential Linked Third Parties to ALLIANCE to be included as soon as possible:

Natural Environment Research Council - Centre for Ecology & Hydrology (NERC-CEH),
Contact - Prof. Nick Beresford (nab@ceh.ac.uk), Natural Environment Research Council - Centre for Ecology & Hydrology (NERC-CEH), Lancaster Environment Centre, Library Avenue, Bailrigg, Lancaster LA1 4AP, Tel.: +44(0)1524 595800

External Experts to ALLIANCE:

Lorraine Currivan, EPA, (L.Currivan@epa.ie), Environmental Protection Agency (EPA), Office of Radiological Protection, 3 Clonskeagh Square, Clonskeagh Road, Dublin 14, Contact

Prof. Nick Beresford (nab@ceh.ac.uk), Natural Environment Research Council - Centre for Ecology & Hydrology (NERC-CEH), Lancaster Environment Centre, Library Avenue, Bailrigg, Lancaster LA1 4AP, Tel.: +44(0)1524 595800 Contact

Participant 10: NERIS

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTPs listed below are members of the research platform NERIS. They are key partners in the SRA working group of NERIS and give major expert input in the work of NERIS. In WP 2 and WP3 of the CONCERT joint programing and integrative activities input from the research platforms is required that cannot be covered by other NERIS members. If the input provided per LTP is less than 0.1 person-month it is not specified in detail and summarized in the amount given for the participant, in case of higher input it is given separately.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP have special expertise and competence for input in the CONCERT joint programming or integrative activities on behalf of NERIS. Their contribution is expert input in the tasks and deliverables of WP2 and WP3.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to NERIS

Technical University of Denmark (**DTU**), Center for Nuclear Technologies, Frederiksborgvej 399, Building 201, room S56, 4000 Roskilde, Denmark, Tel.: 45 46 77 53 19, Contact Person: Per Roos (roos@dtu.dk), http://www.dtu.dk/english

MUTADIS, 5 Rue d'Alsace, 75010 Paris, France, Tel.: 33 (0)1 48 01 88 77, contact: Gilles Hériard Dubreuil: g.heriard-dubreuil@mutadis.fr, http://www.mutadis.org

Università degli studi di Milano (**UNIMI**), Via Festa del Perdono 7, I-20122 Milano, Italy, Tel. ++39 02503 111, contact: Marie Claire Cantone: marie.claire.cantone@fisica.unimi.it, http://www.unimi.it/ENG/

Partner 11: EURADOS

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTPs are members of the research platform EURADOS. They are key partners in the SRA working group of EURADOS and give major expert input in the work of EURADOS. In WP 2 and WP3 of the CONCERT joint programing and integrative activities input from the research platforms is required that cannot be covered by other EURADOS members. If the input provided per LTP is less than 0.1 person-month it is not specified in detail and summarized in the amount given for the participant, in case of higher input it is given separately.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP have special expertise and competence for input in the CONCERT joint programming or integrative activities on behalf of EURADOS. Their contribution is expert input in the tasks and deliverables of WP2 and WP3.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to EURADOS

Physikalisch-Technische Bundesanstalt (**PTB**), Bundesallee 100 D-38116 Braunschweig, Telefon: (05 31) 592-3006, Contact: PTB Helmut Schuhmacher helmut.schuhmacher@ptb.de/ Stefan Neumaier

Campus Tecnológico e Nuclear (**CTN**), Instituto Superior Técnico (IST), Pólo de Loures do IST, Estrada Nacional 10 (km 139,7), 2695-066 Bobadela LRS, Portugal, Contact: Pedro Vaz (pedrovaz@ctn.ist.utl.pt) / Joao Alves (jgalves@ctn.ist.utl.pt)

Institut Ruđer Bošković (RBI), Bijenička cesta 54, 10000 Zagreb, Croatia, contact: Saveta Miljanic (saveta@irb.cr) Zeljka Knesevic

Instytut Fizyki Jądrowej im. Henryka Niewodniczańskiego PAN (**IFJ PAN**), Krakow, Poland, contact: Pawel Olko (pawel.olko@ifj.edu.pl)

Seibersdorf Labor GmbH (**SL**)**,** Forschungszentrum, 2444 Seibersdorf, Austria, Tel:+43(0)50550-2500, contact: Hannes Stadtmann (hannes.stadtmann@seibersdorf-laboratories.at)

Partner 12: IRSN

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTPs are research partners of IRSN in its function as national radiation protection research programme manager. In WP 2, WP 3, WP5, WP6, and WP7 of the CONCERT joint programing and integrative activities input is required that cannot be covered by the national PM in total. Additional expertise and competence is provided by the LTPs. If the input provided per LTP is less than 0.1 person-month it is not specified in detail and summarized in the amount given for the participant, in case of higher input it is given separately.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP have special expertise and competence for input in the CONCERT joint programming or integrative activities. Their contribution is expert input in the tasks and deliverables of WP2, WP3, WP5, WP6 and WP7.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to IRSN

Centre d'étude sur l'Evaluation de la Protection dans le domaine Nucléaire (**CEPN**), 28, rue de la Redoute, F-92260 FONTENAY AUX ROSES, Tel: +33 1 55 52 19 20, contact: **thierry.schneider@cepn.asso.fr** , http://www.cepn.asso.fr/en/

European Nuclear Safety Training und Tutoring Institute (**ENSTTI**), 12, rue de la Redoute, 92260 Fontenay-aux-Roses – Franc, Phone: +33 (0)1 58 35 72 32, Contact Person: Didier Louvat (didier.louvat@enstti.eu), http://www.enstti.eu/

External Experts to IRSN

Dietrich Averbeck, IRSN, France

Kevin Prise, QUB, UK

Partner 14 CIEMAT

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties

CREAL-Centre for Research in Environmental Epidemiology, Parc de Recerca Biomèdica de Barcelona, Doctor Aiguader, 88, 08003 Barcelona, contact: Prof. Elisabeth Cardis, ecardis@creal.cat, Tel. +34 932 147 312, www.creal.cat / www.crealradiation.com/

Partner 18 HMGU

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTPs are research partners of HMGU in its function as national radiation protection research programme manager. In WP 2, WP 3, WP5, WP6, and WP7 of the CONCERT joint programing and integrative activities input is required that cannot be covered by the national PM in total. Additional expertise and competence is provided by the LTPs. If the input provided per LTP is less than 0.1 person-month it is not specified in detail and summarized in the amount given for the participant, in case of higher input it is given separately.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP have special expertise and competence for input in the CONCERT joint programming or integrative activities. Their contribution is expert input in the tasks and deliverables of WP2, WP3, WP5, WP6 and WP7.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to HMGU

Karlsruher Institut für Technologie (KIT), Campus North, Building 433, Hermann-von-Helmholtz-Platz 1, 76344 Eggenstein-Leopoldshafen, Tel.: +49-(0)721-608/25525, contact: angelika.bohnstedt@kit.edu

GSI Helmholtzzentrum für Schwerionenforschung (GSI), Planckstraße 1, 64291 Darmstadt, contact: Sylvia Ritter (S.Ritter@gsi.de)

Forschungszentrum Jülich GmbH, Department of Safety and Radiation Protection, D-52425 Juelich, Germany, contact: Dr R Kriehuber (r.kriehuber@fz-juelich.de), Tel: ++49 (0)2461 61-4054

Helmholtz-Zentrum Dresden-Rossendorf (HZDR), Institute of Resource Ecology, , contact: Dr. Thuro Arnold (t.arnold@hzdr.de), Tel: ++49 351 260 2432, Prof. Thorsten Stumpf (t.stumpf@hzdr.de), Tel. ++49 351 260 3210

Potential Linked Third Parties to HMGU
To be included at a later stage:

German Aerospace Center, Aerospace Medicine (**DLR)**, Linder Höhe, 51147 Köln, Germany
Tel: ++49 2203 601 3137, contact: Dr. Günther Reitz (guenther.reitz@dlr.de)

Partner 22 NRPA

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTP is a research partner of NRPA in its function as national radiation protection research programme manager. In WP 2, WP 3, WP5, WP6, and WP7 of the CONCERT joint programing and integrative activities input is required that cannot be covered by the national PM in total. Additional expertise and competence is provided by the LTP.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP has special expertise and competence for input in the CONCERT joint programming or integrative activities. Its contribution is expert input in the tasks and deliverables of WP2, WP3, WP5, WP6 and WP7.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to NRPA

Norwegian University of Life Sciences (NMBU), P.O. Box 5003, NO-1432 Ås, Norway,
Tel.: +47 67 23 00 00, contact: deborah.oughton@nmbu.no , http://www.nmbu.no

Partner 23 RIVM

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**N**
at a later stage	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**N**
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Potential Linked Third Parties to RIVM
To be included at a later stage:

RIVM is not involving any Linked Third Parties in the beginning of the CONCERT project but foresees this possibility in the later stages of CONCERT, in Calls organised by CONCERT, or other H2020 projects.

In particular, the following universities have long-term cooperation links with RIVM:

Erasmus MC, Rotterdam:
Mail address: Postbus 2040, 3000 CA Rotterdam

Leiden University Medical Center (LUMC), Leiden:

Correspondence address: P.O. Box 9600, 2300 RC Leiden, The Netherlands Street address: Einthovenweg 20, 2333 ZC Leiden; Tel. +31 71 526 91 11

Partner 26 Statni ustav radiacni ochrany (SURO) Czech Republic

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTPs are research partners of SURO in its function as national radiation protection research programme manager. In WP 2, WP 3, WP5, WP6, and WP7 of the CONCERT joint programing and integrative activities input is required that cannot be covered by the national PM in total. Additional expertise and competence is provided by the LTPs. If the input provided per LTP is less than 0.1 person-month it is not specified in detail and summarized in the amount given for the participant, in case of higher input it is given separately.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP have special expertise and competence for input in the CONCERT joint programming or integrative activities. Their contribution is expert input in the tasks and deliverables of WP2, WP3, WP5, WP6 and WP7.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to SURO

CESKE VYSOKE UCENI TECHNICKE V PRAZE (CTU); ZIKOVA 4 po box: 000, 16636 PRAHA,

Faculty of Nuclear Sciences and Physical Engineering (FNSPE-CTU), Department of Dosimetry and Application of Ionizing Radiation, Brehová 7, 11519 Prague 1, Czech Republic, Tel.: + 420-22435-8237, contact: Mr. Tomáš Trojek, Ph.D., tomas.trojek@fjfi.cvut.cz, http://intranet.cvut.cz/en

Faculty of Biomedical Engineering (**FBME CTU**), nám. Sítná 3105, 272 01 Kladno, Czech Republic,contact: Dr. Anna Fiserova (fiserova@biomed.cas.cz)

NRI UJV-REZ a.s. Mr. Vladimir Fišer, UJV Rez, a. s., Hlavni 130 - Rez, 250 68 Husinec, Czech Republic, Tel: 420 2 6617 2000

Potential Linked Third Parties to SURO
To be included at a later stage:

JIHOCESKA UNIVERZITA V CESKYCH BUDEJOVICICH (JCU) Branišovská 1160/31a, 370 05 České Budějovice, Tschechische Republik; contact: Friedo Zoelzer zoelzer@zsf.jcu.cz

Nuclear Physics Institute Academy of Science CR (UJF) Czech Republic, CZ-250 68, Rez; E-mail: ujf@ujf.cas.cz; Website: http://www.ujf.cas.cz

Partner 27: Institutul de Fizică Atomică (IFA, Romania)

Does the participant plan to subcontract certain tasks (please note that core tasks of the programme should not be sub-contracted) (article 13 of MGA)	**N**
If yes, describe and justify the tasks to be subcontracted	
Does the participant envisage that part of its work is performed by linked third parties (article 14 of MGA)	**Y**
The LTPs are research partners of IFA in its function as national radiation protection research programme manager. In WP 2, WP 3, WP5, WP6, and WP7 of the CONCERT joint programing and integrative activities input is required that cannot be covered by the national PM in total. Additional expertise and competence is provided by the LTPs. If the input provided per LTP is less than 0.1 person-month it is not specified in detail and summarized in the amount given for the participant, in case of higher input it is given separately.	
Does the participant envisage the use of in-kind contribution provided by third parties (articles 11 and 12 of MGA)	**Y**
The LTP have special expertise and competence for input in the CONCERT joint programming or integrative activities. Their contribution is expert input in the tasks and deliverables of WP2, WP3, WP5, WP6 and WP7.	
Does the participant envisage the provision of financial support to third parties (article 15 of MGA)	**N**
If yes, describe the procedure for selecting the third parties and the range of the envisaged financial support	

Linked Third Parties to IFA-MG:

Horia Hulubei National R&D Institute for Physics and Nuclear Engineering (**IFIN-HH**), Str. Reactorului no.30, P.O.BOX MG-6, Bucharest-Magurele, Romania, Tel.: +(4021) 404.23.00 Webpage: http://www.nipne.ro/ Contact person: Ana Stochioiu stoc@nipne.ro

Potential Linked Third Parties to IFA-MG
To be included at a later stage:

National R&D Institute for Laser, Plasma and Radiation Physics (**INFLPR**), Str. Atomistilor, Nr. 409, PO Box MG-36, 077125, Magurele, Bucharest, Romania, Tel.: +40-21-4574550. Webpage http://www.inflpr.ro/ Contact person: Cătălin Ticoș catalin.ticos@inflpr.ro

National R&D Institute for Materials Physics (**INCDFM**), Atomistilor Str., No. 105 bis PO Box MG 7, 077125, Magurele, Romania, Tel.: +40-(0)21-3690185. Webpage: http://www.infim.ro/ Contact person: Andrei Gălățanu gala@infim.ro

National R&D Institute for Isotopic and Molecular Technologies (**INCDTIM**), 67-103 Donat, PO 5 700, 400293 Cluj-Napoca, România, Tel.: +40 264 58 40 37. Webpage: http://www.itim-cj.ro/en/index.php; Contact person: Claudiu Filip claudiu.filip@itim-cj.ro

Grigore Antipa National Institute for Marine Research and Development (**ICDM-NIMRD**), Blvd Mamaia no. 300, Constanta 3, RO-900581, România, Tel.: +40 241 543288, +40 241 540870. Webpage: http://www.rmri.ro/Home/Home.html?lang=en; Contact person: Vasile Pătrașcu vpatrascu@alpha.rmri.ro

University of Bucharest, Faculty of Physics (**UNIBUC**), CP MG - 11, Bucuresti-Magurele, RO – 077125 Romania, Tel.: 4 021 457 4949 contact: secretariat@fizica.unibuc.ro, Web page: http://www.fizica.unibuc.ro/ Contact person: Ionel Lazanu ionel.lazanu@g.unibuc.ro

State Owned Company "Technologies for Nuclear Energy" (**RATEN**), with the two subsidiaries:

***Institute for Nuclear Research (RATEN-ICN* [Pitești])**, Campului Str., Nr. 1, POB 78, 115400 - Mioveni, Arges, Romania, Tel.: + 40 248 21.34.00, contact: office@nuclear.ro, office_adj@nuclear.ro, Web page: http://www.nuclear.ro/en/index.php, Contact person: Alexandru Toma alexandru.toma@nuclear.ro

Center of Technology and Engineering for Nuclear Projects *(RATEN-**CITON**)*, 409, Atomistilor Street, Magurele, Judet Ilfov, Romania, Tel.: 021-45 744 31 Contact Person: Adrian Rizea (rizeaa@router.citon.ro), contact: citon@router.citon.ro, Web page: http://www.citon.ro/english_index.html, Contact person: Gabriela Florescu <florescug@router.citon.ro>

Politehnica of Bucharest, Faculty of Applied Sciences (**UPB**), Splaiul Independentei nr. 313, sector 6, Bucuresti, Romania, Postal cod: RO-060042, Tel.: + 4021-402 98 72, contact: e_nedelcu@rectorat.pub.ro, Contact person: Ana Maria Popovici popovici@physics.pub.ro Web page: http://www.upb.ro/en/the-faculty-of-applied-sciences.html

Babeș-Bolyai University, Faculty of Physics (**UBB-FF**), 1 Mihail Kogălniceanu street, 400084 Cluj-Napoca, Tel: + 40 (264) 405300, contact: phys@phys.ubbcluj.ro, Contact person: Decebal-Radu <dr.ciurchea@academic.ro>Web page: http://phys.ubbcluj.ro/index_en.htm

List of participants and their assignment to tasks

No	Participant Status	Participant organization name	Country	WP/ Task
1	Coordinator, WP 1 Leader and PM	Bundesamt für Strahlenschutz, BfS	Germany	WP 1/ Task 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1,9 WP 2/ Task 2.1, 2.2, 2.5, 2.7, WP 3/ Task 3.1; 3.2 WP 6/ Task 6.2.1 WP 7/ Task 7.4
2	WP 2 Leader and PM	STUK	Finland	WP 2/ Task 2.1, 2.2, 2.3, 2.5, 2.7 WP 3/Task 3.2 WP 5 WP 6 WP 7/ Task 7.2, 7.3, 7.4
3	WP 3 Leader and PM	SCK-CEN	Belgium	WP 1/ Task 1.8 WP 2/ Task 2.2, 2.3, 2.4, 2.6 WP 3/ Task 3.2 WP 5 WP 6 WP 7/ Task 7.1, 7.2, 7.3, 7.4
4	WP 4 Leader and PM	ANR	France	WP 1/ Task 1.5 WP 3/Task 3.2 WP 4/ Task 4.1, 4.2, 4.3, 4.4
5	WP 5 Leader and PM	DH (PHE)	UK	WP 1/ Task 1.8 WP 2/ Task 2.1, 2.3 WP 3/Task 3.2 WP 5/ Task 5.1, 5.4
6	WP 6 Leader and PM	CEA	France	WP 2/ Task 2.2 WP 3/Task 3.2 WP 6/ Task 6.1.3, 6.2.4, 6.3 WP 7/ Task 7.2, 7.3, 7.4, 7.5
7	WP 7 Leader and PM	UniPv	Italy	WP 2/ Task 2.5 WP 3/Task 3.2 WP 6 WP 7/ Task 7.1, 7.2, 7.3, 7.4, 7.5
8	Research Platform	MELODI	Europe	WP 2/ Task 2.1 WP 3/Task 3.2., 3.3 WP 5
8.1	*LTP to MELODI*	*Stockholm University (SU)*	*Sweden*	*WP 2* *WP 3/Task 3.2* *WP 6* *WP 7/ Task 7.1, 7.2, 7.3*
9	Research Platform	ALLIANCE	Europe	WP 2/ Task 2.2 WP 3/Task 3.2 WP 5

10	Research Platform	NERIS	Europe	WP 2/ Task 2.3 WP 3/Task 3.2 WP 5
10.1	*LTP to NERIS*	*Università degli studi di Milano (UMIL)*	*Italy*	*WP 2/ Task 2.6* *WP 3/Task 3.2*
10.2	*LTP to NERIS*	*Technical University of Denmark (DTU)*	*Denmark*	*WP 2/ Task 2.3* *WP 3/Task 3.2*
10.3	*LTP to NERIS*	*MUTADIS*	*France*	*WP 2/ Task 2.6* *WP 3/Task 3.2*
11	Research Platform	EURADOS	Europe	WP 2/ Task 2.4 WP 3/Task 3.2 WP 5 WP 7
11.1	*LTP to EURADOS*	*Physikalisch-Technische Bundesanstalt (PTB),*	*Germany*	*WP 2/ Task 2.4* *WP 3/Task 3.2*
11.2	*LTP to EURADOS*	*Instituto Superior Técnico (IST)*	*Portugal*	*WP 7/ Task 7.1, 7.4, 7.5* *WP 3/Task 3.2*
11.3	*LTP to EURADOS*	*Institut Ruđer Bošković (RBI)*	*Croatia*	*WP 3/Task 3.2*
11.4	*LTP to EURADOS*	*Instytut Fizyki Jądrowej (IFJ PAN)*	*Poland*	*WP 2/ Task 2.4* *WP 3/Task 3.2*
11.5	*LTP to EURADOS*	*Seibersdorf Laboratory (SL)*	*Austria*	*WP 2/ Task 2.4* *WP 3/Task 3.2*
12	PM	IRSN	France	WP 2/ Task 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.7 WP 3/Task 3.2 WP 5/ Task 5.2 WP 6 WP 7
12.1	*LTP to IRSN*	*European Nuclear Safety Training und Tutoring Institute (ENSTTI)*	*France*	*WP 7/ Task 7.4* *WP 3/Task 3.2*
12.2	*LTP to IRSN*	*Centre d'étude sur l'Evaluation de la Protection dans le domaine Nucléaire (CEPN)*	*France*	*WP 2/ Task 2.3, 2.6* *WP 3/Task 3.2*
13	PM	SSM	Sweden	WP 2 WP 3/Task 3.2 WP 4 WP 6 WP 7
14	PM	CIEMAT	Spain	WP 2/ Task 2.2, 2.3 WP 3/Task 3.2 WP 6 WP 7/ Task 7.5
14.1	*LTP to CIEMAT*	*Centre for Research in Environmental Epidemiology (CREAL)*	*Spain*	*WP 2/ Task 2.1, 2.5* *WP 3/Task 3.2* *WP 7/ Task 7.2, 7.3, 7.4*
15	PM	NRIRR (OSSKI)	Hungary	WP 2/ Task 2.7 WP 3/Task 3.2

				WP 7/ Task 7.1, 7.2, 7.3, 7.4, 7.5
16	PM	MTA EK	Hungary	WP 2/ Task 2.1 WP 3/Task 3.2 WP 6 WP 7/ Task 7.1, 7.2, 7.3, 7.4, 7.5
17	PM	NCRRP	Bulgaria	WP 2 WP 3/Task 3.2 WP 6 WP 7/ Task 7.2, 7.3, 7.5
18	PM	HMGU	Germany	WP 2/ Task 2.1, 2.2, 2.4 WP 3/Task 3.2WP 6 WP 7/ Task 7.1, 7.3, 7.4, 7.5
18.1	*LTP to HMGU*	*GSI Helmholtzzentrum für Schwerionenforschung (GSI)*	*Germany*	*WP 6* *WP 3/Task 3.2*
18.2	*LTP to HMGU*	*Forschungszentrum Jülich (Jülich)*	*Germany*	*WP 3/Task 3.2* *WP 7/Task 7.2*
18.3	*LTP to HMGU*	*Helmholtz-Zentrum Dresden-Rossendorf (HZDR),*	*Germany*	*WP 2/ Task 2.2* *WP 3/Task 3.2*
18.4	*LTP to HMGU*	*Karlsruher Institut für Technologie (KIT)*	*Germany*	*WP 2/ Task 2.3* *WP 3/Task 3.2* *WP 6*
19	PM	MUW	Austria	WP 2/ Task 2.5 WP 3/Task 3.2 WP 7
20	PM	ENEA	Italy	WP 2/ Task 2.1, 2.4 WP 3/Task 3.2 WP 7/ Task 7.4,
21	PM	ISS	Italy	WP 2/ Task 2.4, 2.5, 2.6, 2.7 WP 3/Task 3.2 WP 5/ Task 5.3 WP 6
22	PM	NRPA	Norway	WP 2/ Task 2.3, 2.5, 2.6 WP 3/Task 3.2 WP 5 WP 6 WP 7
22.1	*LTP to NRPA*	*Norwegian University of Life Sciences (NMBU)*	*Norway*	*WP 2/ Task 2.6* *WP 3/Task 3.2* *WP 5* *WP 6/ Task 6.1* *WP 7/ Task 7.1, 7.2, 7.3, 7.4, 7.5*
23	PM	RIVM	Netherlands	WP 2/ Task 2.7 WP 3/Task 3.2 WP 6/ Task 6.2
24	PM	FCT	Portugal	WP 1/ Task 1.7 WP 3/Task 3.2 WP 4

25	PM	IMROH	Croatia	WP 1/ Task 1.7 WP 2/ Task 2.6, 2.7 WP 3/Task 3.2 WP 7/ Task 7.4, 7.5
26	PM	SURO	Czech Republic	WP 2 WP 3/Task 3.2 WP 6
26.1	*LTP to SURO*	*Czech Technical University in Prague (CTU)*	*Czech Republic*	*WP 2/ Task 2.1, 2.5* *WP 3/Task 3.2* *WP 6* *WP 3/Task 3.2*
26.2	*LTP to SURO*	*NRI (UJV)*	*Czech Republic*	*WP 2/Task 2.7* *WP 3/Task 3.2*
27	PM	IFA_MG	Romania	WP 2 WP 3/Task 3.2 WP 7
27.1	*LTP to IFA*	*Horia Hulubei National R&D Institute for Physics and Nuclear Engineering (IFIN-HH)*	*Romania*	*WP 3/Task 3.2*
28	PM	EEAE	Greece	WP 2/ Task 2.6 WP 3/Task 3.2 WP 6 WP 7/ Task 7.4
29	PM	VUJE	Slovak Republic	WP 1/ Task 1.7 WP 2/ Task 2.3, 2.6, 2.7 WP 3/Task 3.2 WP 5 WP 7/ Task 7.2, 7.4, 7.5
30	POM	UT	Estonia	WP 1/ Task 1.7 WP 2/ Task 2.7 WP 3/Task 3.2 WP 7/ Task 7.1, 7.4, 7.5
31	PM	RSC	Lithuania	WP 1/ Task 1.7 WP 2 WP 3/Task 3.2
32	POM	UL	Latvia	WP 2/T2.2 WP 5/ T5.3 WP 6/T 6.3

2.2.1 List of programmed activities (table 2.3.b)

AWP Set of Activities

Activity No	Activity Title	Lead Participant No	Short name of lead participant	Person-Months Total for this activity	Start Month	End month
WP 1						
1.1	Overall legal, contractual, administrative management and financial management	1	BfS	30	13	24
1.2	Consortium, Executive and Management Board meetings	1	BfS	3,81	13	24
1.3	Updating the rolling annual work plan	1	BfS	3,81	13	24
1.4	External Scientific Advisory Board (ESAB) for the evaluation of CONCERT	1	BfS	3,81	13	24
1.5	Negotiation of projects to be funded through open R&D calls	1	BfS	4,41	13	24
1.6	Funding decision process for integration activities listed in the approved annual work programme	1	BfS	2,81	13	24
1.7	Attracting new members to the CONCERT EJP Consortium	27	IFA	3,10	13	24
1.8	Public CONCERT web page and a secure internal web-based work space	1	BfS	2,80	13	24
1.9	Establishment of an expert database for the reviewing processes of CONCERT	8	MELODI	1,31	13	24
			Total WP1	**55,86**		
WP 2						
2.1	Development of Strategic Research Agenda, roadmap and priorities for research on low dose risk	8	MELODI	6	13	24
2.2	Development of Strategic Research Agenda, roadmap and priorities for research on radioecology	9	ALLIANCE	5,93	13	24
2.3	Development of Strategic Research Agenda, roadmap and priorities for research on emergency preparedness and response	10	NERIS	6,84	13	24
2.4	Development of Strategic Research Agenda, roadmap and priorities for research on dosimetry	11	EURADOS	4,37	13	24

2.5	Development of Strategic Research Agenda, roadmap and priorities for research with the medical scientific community	1+7	BfS + UniPv	4,28	13	24
2.6	Creating a Strategic Research Agenda on Social Sciences, humanities and Safety Culture in Radiation Protection	3	SCK-CEN	5	13	24
2.7	Research and innovation supporting the implementation of the revised European Basic Safety Standards	15	NRIRR	4,93	13	24
			Total WP2	**37,36**		
WP3						
3.1	Integration of SRAs and priorities from platforms and national programmes (M1)	1	BfS	5,85	13	24
3.2	Joint priority setting of research and integrative activities; deliverable to WP4	3	SCK-CEN	9,59	13	24
3.3	Joint programming for a long term strategy of RP research in EUROPE	8	MELODI	5,65	13	24
			Total WP3	**21,10**		
WP4						
4.1	Set up Call Steering Committee (CSC) and Joint Call Secretariat (JCS).	4	ANR	1,0	13	24
4.2	Identification of indicators to assess the efficiency of JTC	4	ANR	7,4	13	
4.3	Implementation of the open call	4	ANR	2	13	21
4.4	Monitoring of the calls and the funded projects	4	ANR	1,6	13	24
			Total WP4	**12,00**		
WP5						
5.1	Strategy for public and societal stakeholder engagement (	5	DH-PHE	0,51	13	24
5.2	Establish a stakeholder group	12	IRSN	5,43	13	24
5.3	Interaction with the civil society, including use of social media for stakeholder communication	12	IRSN	5,73	13	24
5.4	3 Interaction with the civil society, including use of social media for stakeholder communication	5	DH-PHE	7,73	13	24
			Total WP5	**19,40**		

WP6						
6.1	Promote the visibility of key research infrastructures for R/D	29	NMBU	6	13	24
6.2	Harmonize Practices and protocols	23	RIVM	3,05	13	24
6.3	Strategy for facilitating access to infrastructures	6	CEA	4,05	13	24
			Total WP6	**13,10**		
WP7						
7.1	Attracting and retaining students and junior scientists into the Radiation Protection research fields	49	SU	2,65	13	24
7.2	Education and training as an essential part of dissemination and knowledge management within CONCERT	15	NRIRR	2,88	13	24
7.3	Targeted E&T initiatives	7	UniPv	3,06	13	24
7.4	Coordination and collaboration on E&T policy and strategy	3	SCK•CEN	3,75	13	24
7.5	European integration of junior scientist career development	18	HMGU	3,06	13	24
			Total WP7	**15,40**		
			Total Months ALL	**174,22**		

2.2.2 Annual Deliverables List (table 2.3.c)

Deliverable No	Deliverable Name	Activity No	Lead Participant Short Name	Type	Dissemination Level	Delivery Date
D2.4	Annual SRA Statements from MELODI, ALLIANCE, NERIS and EURADOS (2)	2	STUK	Report	Public	M13
D2.5	Long-term RTD roadmaps from MELODI, ALLIANCE, NERIS and EURADOS	2	STUK	Report	Public	M15
D4.2	Final ranking list and Joint selection list of the projects to be funded from the joint international peer review of full proposals for the CONCERT open RTD Call 1	4	ANR	Report	Public	M15
D4.8	List of indicators for follow up of funded projects	4	ANR	Report	Public	M15
D2.6	Joint research needs and priorities addressing radiation protection research relevant for medical use of radiation and communication/risk perception in radiation protection field (2)	2	STUK	Report	Public	M17
D6.3	Recommendations for infrastructure related topics for the 2st CONCERT call and Recommendations for funding schemes to support infrastructure use for the 2nd CONCERT call input to WP3	6	CEA	Report	Public	M17
D2.7	Synergies between the medical SRA and the SRAs of MELODI and EURADOS	2	STUK	Report	Public	M17

D4.7	Report on the monitoring of the CONCERT open RTD Call 1 to gather suggestions for improvement for the process of the CONCERT open RTD Call 2	4	ANR	Report	Public	M17
D5.3	First public/specialist website material	5	DH	Report	Public	M17
D1.2	Second periodic report and draft annual work plan to the EC in accordance with the provisions of the consortium contract	1	BFS	Report	Public	M21
D3.2	Second Annual Joint Priority List	3	SCK-CEN	Report	Public	M21
D4.4	Call documents: Governance of the Call and Evaluation document, Call Text, Guidelines for applicants, Proposal templates, for the CONCERT open RTD Call 2	4	ANR	Report	Public	M21

Additional Deliverables

(if applicable - brief description and month of delivery)

WP5

D5.5 completion of a first stakeholder meeting (M18)

D5.6 Review of prior experience of social media for radiation risk communication (M18)

D5.7 development of public-facing survey (M24)

D5.8 CONCERT public web site with public-facing information on radiation risk (M24)

2.3 Resources to be committed

2.3.1 Summary effort table (Table 2.3.d)

		Activity 1	Activity 2	Activity 3	Activity 4	Activity 5	Activity 6	Activity 7	Activity 8	Activity 9	Total Person Months per Participant
WP1											
1	BfS	30,00	3,50	3,50	3,50	3,50	2,50	1,50	2,00	1,00	51,00
2	STUK		0,02	0,02	0,02	0,02	0,02			0,02	0,10
3	SCK•CEN								0,60		0,60
4	ANR					0,60					0,60
5	DH-PHE								0,20		0,20
6	CEA		0,02	0,02	0,02	0,02	0,02			0,02	0,10
7	UniPv		0,02	0,02	0,02	0,02	0,02			0,02	0,10
12	IRSN		0,02	0,02	0,02	0,02	0,02			0,02	0,10
13	SSM		0,02	0,02	0,02	0,02	0,02			0,02	0,10
14	CIEMAT		0,02	0,02	0,02	0,02	0,02			0,02	0,10
15	NRIRR		0,02	0,02	0,02	0,02	0,02			0,02	0,10
16	MTA EK		0,02	0,02	0,02	0,02	0,02			0,02	0,10
17	NCRRP		0,02	0,02	0,02	0,02	0,02			0,02	0,10
18	HMGU		0,02	0,02	0,02	0,02	0,02			0,02	0,10
19	MUW		0,02	0,02	0,02	0,02	0,02			0,02	0,10
20	ENEA		0,03	0,03	0,03	0,03	0,03			0,03	0,16
21	ISS		0,02	0,02	0,02	0,02	0,02			0,02	0,10
22	NRPA		0,02	0,02	0,02	0,02	0,02			0,02	0,10
23	RIVM		0,02	0,02	0,02	0,02	0,02			0,02	0,10
24	FCT							0,20			0,20
25	IMROH							0,20			0,20
26	SURO		0,02	0,02	0,02	0,02	0,02			0,02	0,10
27	IFA							0,60			0,60
28	EEAE		0,02	0,02	0,02	0,02	0,02			0,02	0,10
29	VUJE							0,20			0,20
30	UT							0,20			0,20
31	RSC							0,20			0,20
32	UL		0,02	0,02	0,02	0,02	0,02			0,02	0,10
											55,86
WP2											
1	BfS	0,75	0,75	0,75		0,75	0,75	0,75			4,50
2	STUK/UEF	0,96	0,96	0,96		0,96		0,96			4,80
3	SCK•CEN		1,13	1,13	1,13		1,13				4,50
5	DH-PHE	0,48		0,48	0,48						1,45
6	CEA	0,30	0,30								0,60
7	UniPv	1,05				1,05					2,10

12	IRSN	0,52	0,52	0,52	0,52	0,52	0,52	0,52			3,67
14	CIEMAT		1,00	0,20	0,20						1,40
15	NRIRR							1,50			1,50
16	MTA EK	0,50									0,50
18	HMGU	0,57	0,57		0,57						1,70
19	MUW					0,20					0,20
20	ENEA	0,27			0,27						0,54
21	ISS				0,20	0,20	0,20	0,20			0,80
22	NRPA			0,20		0,20	0,20				0,60
23	RIVM							0,20			0,20
25	IMROH						0,20	0,20			0,40
28	EEAE						0,20				0,20
29	VUJE			0,20			0,20	0,20			0,60
30	UT							0,20			0,20
32	UL		0,20								0,20
LTP											
	DTU/NERIS			0,20							0,20
	MUTADIS/NERIS			0,20			0,20				0,40
	UMIL/NERIS						0,20				0,20
	PTB/EURADOS				0,20						0,20
	IST/EURADOS				0,20						0,20
	RBI/EURADOS				0,20						0,20
	IFJ PAN/ EURADOS				0,20						0,20
	SL/EURADOS				0,20						0,20
	CEPN/IRSN			1,00			1,00				2,00
	SU/MELODI	0,20									0,20
	CREAL/CIEMAT	0,20				0,20					0,40
	KIT/HMGU			1,00							1,00
	HZDR/HMGU		0,50								0,50
	NMBU/NRPA						0,20				0,20
	CTU-FBME/SURO	0,20				0,20					0,40
	NRI/SURO							0,20			0,20
											37,36
WP3											
1	BfS	0,30	0,15	0,15							0,60
2	STUK	0,30	0,25	0,25							0,80
3	SCK•CEN	2,00	3,00	2,00							7,00
4	ANR	0,02	0,02	0,02							0,05
5	DH-PHE	0,20	0,40	0,20							0,80
6	CEA	0,20	0,40	0,20							0,80
7	UNIPV	0,20	0,40	0,20							0,80
12	IRSN	0,38	0,75	0,38							1,50
13	SSM	0,02	0,02	0,02							0,05

14	CIEMAT	0,20	0,40	0,20							0,80
15	NRIRR	0,20	0,40	0,20							0,80
16	MTA-EK	0,20	0,40	0,20							0,80
17	NCRRP	0,20	0,40	0,20							0,80
18	HMGU	0,20	0,40	0,20							0,80
19	MUW	0,01	0,03	0,01							0,05
20	ENEA	0,20	0,40	0,20							0,80
21	ISS	0,02	0,02	0,02							0,05
22	NRPA	0,02	0,02	0,02							0,05
23	RIVM	0,02	0,02	0,02							0,05
24	FCT	0,02	0,02	0,02							0,05
25	IMROH	0,02	0,02	0,02							0,05
26	SURO	0,02	0,02	0,02							0,05
28	EEAE	0,02	0,02	0,02							0,05
29	VUJE	0,02	0,02	0,02							0,05
30	UT	0,02	0,02	0,02							0,05
31	RSC	0,02	0,02	0,02							0,05
32	UL	0,02	0,02	0,02							0,05
LTP											
	CEPN/IRSN	0,20	0,40	0,20							0,80
	CREAL/CIEMAT	0,02	0,02	0,02							0,05
	CTU/SURO	0,03	0,04	0,03							0,10
	DTU/NERIS	0,02	0,02	0,02							0,05
	ENSTII/IRSN	0,02	0,02	0,02							0,05
	GSI/HMGU	0,02	0,02	0,02							0,05
	HZDR/HMGU	0,02	0,02	0,02							0,05
	IFIN-HH/IFA-MG	0,02	0,02	0,02							0,05
	IFJ/EURADOS	0,02	0,02	0,02							0,05
	IST/EURADOS	0,02	0,02	0,02							0,05
	Jülich/HMGU	0,02	0,02	0,02							0,05
	KIT/HMGU	0,20	0,40	0,20							0,80
	MUTADIS/NERIS	0,02	0,02	0,02							0,05
	NMBU/NRPA	0,02	0,02	0,02							0,05
	NRI/SURO	0,20	0,40	0,20							0,80
	PTB/EURADOS	0,02	0,02	0,02							0,05
	RBI/EURADOS	0,02	0,02	0,02							0,05
	SL/EURADOS	0,02	0,02	0,02							0,05
	SU/MELODI	0,02	0,02	0,02							0,05
	UMIL/NERIS	0,02	0,02	0,02							0,05
											21,10

WP4											
4	ANR	1,00	5,00	2,00	1,00						9
13	SSM		1,2		0,3						1,5
24	FCT		1,2		0,3						1,5
											12,00
WP5											
5	DH-PHE	0,50	3,10	3,10	6,50						13,20
1	BfS	0,01	0,03	0,03	0,03						0,10
2	STUK		0,30	0,40	0,30						1,00
3	SCK-CEN		0,30	0,40	0,30						1,00
12	IRSN		1,10	0,20	0,20						1,50
21	ISS		0,20	1,10	0,20						1,50
29	VUJE		0,20	0,20	0,10						0,50
32	UL			0,10							0,10
LTP											
	NMBU/NRPA		0,20	0,20	0,10						0,50
											19,40
WP6											
6	CEA	3,50	1,50	3,00							8,00
1	BfS	IK	0,25	IK							0,25
2	STUK	0,15	IK	IK							0,15
3	SCK-CEN	IK	0,40	IK							0,40
7	UniPv	IK	IK	0,40							0,40
12	IRSN	0,25	IK	IK							0,25
14	CIEMAT	0,40	IK	IK							0,40
16	MTA-EK	IK	0,40	IK							0,40
17	NCRPP	0,15	IK	IK							0,15
18	HMGU	IK	IK	0,50							0,50
21	ISS	0,15	IK	IK							0,15
22	NRPA	0,15	IK	IK							0,15
23	RIVM	IK	0,50	IK							0,50
28	EEAE	0,15	IK	IK							0,15
32	UL			0,15							0,15
LTP											
	CTU/SURO	0,15	IK	IK							0,15
	GSI/HMGU	0,15	IK	IK							0,15
	KIT/HMGU	0,15	IK	IK							0,15
	NMBU/NRPA	0,50	IK	IK							0,50
	SU/MELODI	0,15	IK	IK							0,15
											13,10

WP7											
7	UniPv	1,40	1,40	2,40	1,40	1,40					8,00
1	BfS				0,20						0,20
2	STUK		0,07	0,07	0,07						0,20
3	SCK-CEN	0,07	0,07	0,07	0,80						1,00
6	CEA		0,05	0,05	0,05	0,05					0,20
14	CIEMAT					0,20					0,20
15	NRIRR	0,05	0,80	0,05	0,05	0,05					1,00
16	MTA-EK	0,04	0,04	0,04	0,04	0,04					0,20
17	NCRRP		0,07	0,07		0,07					0,20
18	HMGU	0,07		0,07	0,07	0,80					1,00
19	MUW	0,05	0,05	0,05		0,05					0,20
20	ENEA				0,20						0,20
25	IMROH				0,10	0,10					0,20
28	EEAE		0,07		0,07	0,07					0,20
29	VUJE		0,07		0,07	0,07					0,20
30	UT	0,07			0,07	0,07					0,20
LTP											
	CREAL/CIEMAT		0,07	0,07	0,07						0,20
	ENSTII/IRSN				0,20						0,20
	IST/EURADOS	0,07			0,07	0,07					0,20
	Jülich				0,20						0,20
	NMBU/NRPA	0,04	0,04	0,04	0,04	0,04					0,20
	SU/MELODI	0,80	0,10	0,10							1,00
											15,40

2.3.2 Other major cost items (travel, equipment, infrastructure, goods and services) (Table 2.3e)

WP1

Participant BfS Number/Short Name	Cost (€)	Justification
Travel	6000	joining 4 SRA meetings organised by WP2 as T3,1 leader
Equipment		
Large Research Infrastructure		
Goods and services	12000 2000	Set up CONCERT homepage (public, restricted, newsletter), meeting room cost
Other		
Total	20000	

WP2

Participant SCK•CEN Number/Short Name	Cost (€)	Justification
Travel	5000	joining 4 SRA meetings organised by WP2 as T3,2 leader
Goods and services	5000	Printing cost for the promotion of CONCERT
Other		
Total	5000	

15/CIEMAT	Cost (€)	Justification
Travel	2000	Travel to the two workshops to support the activities of WP2
Total	2000	

WP3

Participant SCK•CEN **Number/Short Name**	**Cost (€)**	**Justification**
Travel	5000	joining 4 SRA meetings organised by WP2 as T3,2 leader
Total	5000	

Participant ALL (52) **Number/Short Name**	**Cost (€)**	**Justification**
Travel	500	travel and subsidence to open workshop
Total	26000	

Participant MELODI **Number/Short Name**	**Cost (€)**	**Justification**
Travel	40000	Open workshop organiser
Total	40000	

WP4

Number/Short Name	**Cost (€)**	**Justification**
Travel	4500	For the 3 partners of WP4 (ANR - 2500, FCT - 1000, SSM - 1000)
Other	2500 10000 30000 7500	Submission and Evaluation Tool Peer Review Meeting organisation (hotel, room, meals…) Travels for reviewers Reviewers' fee
Total	545000	

WP6

CEA total eligible costs under these categories do not exceed 15% of the personnel costs,

LTP NMBU/ NRPA	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

12/IRSN	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

15/CIEMAT	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

25/RIVM	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

1/BfS	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

17/MTA-EK	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

3/SCK-CEN	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

7/UniPV	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

2/STUK	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

18/HMGU	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

21/ISS	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

LTP KIT/HMGU	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

28/EEAE	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

LTP SU/MELODI	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

22/NRPA	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

17/NCRPP	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

LTP GSI/HMGU	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

LTP CTU-FBME/SURO	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

32/UL	**Eligible Cost (€)**	**Justification**
Travel	2000	Travel to the workshops to support the activities of WP6
Total	2000	

3 Planned activities for the third year

The planned activities of the CONCERT EJP in year 1 and the following years are dominated by the circling work flow of CONCERT to prepare for open scientific calls. This strictly follows the work flow description of the CONCERT proposal. In the second year the cycle of the first CONCERT open research call will be finished, i.e. submitted proposals will be evaluated by the procedures described in WP4, i.e., reviewed by experts and finally ranked by the PRP. The outcome is a RLEP in Month 15 of the CONCERT EJP. On the basis of this RLEP the CONCERT MB will reach a funding decision in a special CONCERT funding meeting. The CONCERT MB makes sure that the criteria of scientific excellence with the highest weight and the criteria of integration are met. Immediately after the funding decision the coordinator supported by the WP4 leader will start the contract negotiations with ranked proposal leaders with the goal to finish the negotiation phase not later than Month 18. However, this is at risk by the delay of the first open call, due to subsequent improvements to the GA through an amendment procedure.

In parallel CONCERT will again in year 2 pass through all necessary steps to prepare for the second open call at the end of month 21. The same steps as described in the AWP of year 1 have to be passed. However, the delay in the first call will put the schedule for the second call at risk.

All CONCERT WP are integrated into this circling work flow, which is in principle designed to start with an evaluation of the joint strategic research agenda (WP2), the formulation of research priorities by joint programming (WP3) and finally the funding (WP4 and WP1) and monitoring of research projects (WP4) which fulfil all the requirements of scientific excellence and integration. Cross-cutting through this circling work flow are WP dedicated to integration activities which on one side have input through interfaces into the circling work flow and on the other side have the target for a sustainable support of radiation protection research. These principle work flows, one circling, one more or less continuous are described in the CONCERT proposal and will repeated throughout the lifetime of the CONCERT EJP (with the assumption that a CONCERT follow up EJP will be announced in 2016).

For the cross-cutting work packages the continuous work flow activities in year three are as follows:

WP 3 Priority research and Joint programming needs in the perspective of European Integration

As there are no resources for a third call in CONCERT, WP3 will only concentrate on the elaboration of the joint roadmap in radiation protection research, complemented with activities looking for continuous funding to enable the radiation protection research community to implement the roadmap.

WP5 Stakeholder involvement and communication in radiation protection research

In year 3 CONCERT WP5 aims to (i) organise and run stakeholder meetings (ii) refine and analyse survey approaches and results (iii) consider the use of social media for stakeholder engagement (iv) continue to populate the CONCERT website with information on radiation risk and radiation protection.

WP6 Access to Infrastructures

Work with representatives of different countries will be initiated to identify key infrastructures that fulfil recommended criteria which are not currently listed (ex, new member states), and WP 6 will continue to publish the bulletin (10 issue/year).

Work to strengthen STORE and the radioecology databases will continue by assuring its curation, In close collaboration with WP7 a course curricula for the training of students and postdocs at specific infrastructure facilities will be developed, Recommendations for general funding scheme to support access to infrastructure will provided,

WP7 Education and training

An E&T Forum will be held, to further develop the links already established with other E&T initiatives. There are many activities supported by learned societies and national governments to recruit and train graduate level students, but almost no concerted effort exists to retain these qualified individuals within the research and stakeholder communities. A strategy to retain young scientists in the field of radiation protection research will be developed and discussed with stakeholders.