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D9.39 – Operating the CONFIDENCE project for 36 months

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Abstract

The document is the formal end point the CONFIDENCE project. It does not contain technical information but describes the work of the management board of the CONFIDENCE project up to the end of 2019.

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Introduction

The H2020 CONFIDENCE Project aims to close existing gaps in several areas of emergency management and long-term rehabilitation. It concentrates on the early and transition phases of an emergency, but considers also longer-term decisions made during these phases. The project brings together expertise from five Radiation Protection Platforms, such that it can address the scientific challenges associated with model uncertainties and improve radioecological predictions and emergency management (NERIS and ALLIANCE), situation awareness and monitoring strategies (EURADOS), risk estimation in the early phase (MELODI), decision making and strategy development at local and national levels (NERIS) including social and ethical aspects (SHARE).

The work-program of CONFIDENCE is defined to understand, reduce and cope with the uncertainty of meteorological and radiological data and their further propagation in decision support systems, including atmospheric dispersion, dose estimation, foodchain modelling and countermeasure simulations models. Consideration of social, ethical and communication aspects related to uncertainties is a key aspect of the project activities.

Work is organized in eight work packages

- WP1 Model improvement in the pre-and release phase, through uncertainty analysis and propagation with an ensemble approach
- WP2 Reduction of uncertainty in dose assessment for improving situation awareness and risk estimation
- WP3 Radioecological modelling: fit for purpose
- WP4 Transition to long-term recovery, involving stakeholders in decision-making processes
- WP5 Social, ethical and communicational aspects of uncertainty management
- WP6 Decision making under uncertainties
- WP7 Education and training
- WP8 Management

Work of the Management Board

The Management Board (MB) was the decision making body of the project. Members of the MB organized the deliverables of the individual work packages and reviewed together the progress made in the eight work packages. To do so, a monthly web meeting was organized that review progress and discuss the next steps of the project.

Management structure

Management Committee	Person	Institution
Project Co-ordinator (WP8)	Wolfgang Raskob	KIT
WP1	Irène Korsakissok	IRSN
WP2	Clemens Woda	HMGU
WP3	Nick Beresford	CEH
WP4	Milagros Montero	CIEMAT
WP5	Catrinel Turcanu	SCK•CEN
WP6	Tim Müller	KIT
WP7	Tatiana Duranova	VUJE

Work of the Scientific Committee

To support the MB, a Scientific Committee (SC) was established. Their tasks can be summarized in the following:

- advise on the scope and progress of individual activities or package activities;
- provide user perspectives on tools under development;
- advise on the future use on tools and methods;
- establish and maintain links to international organisations and non-participating institutions;
- advise on the scope and content of workshops, seminars, conferences.

Following the discussion with potential candidates, only a small SC was selected namely

- Eduardo Gallego as representative of IRPA
- Keiko Tagami (NIRS) or Hirofumi Tsukada from Fukushima University

Prof Gallego served as general advisor of the project and summarized the recommendations at the Dublin meeting and the final dissemination meeting, providing valuable advice to the project. Dr. Tagami was heavily involved in the work of WP3 and provided valuable input there. Important to note is the fact, that collaboration between CONFIDENCE institutions and the institutes of the two advisers will also continue after CONFIDENCE.

Secretariat

Several KIT internal services supported the management of CONFIDENCE:

- The Central Department for Finance and Accounting (KIT/FIMA)
- The Central Purchasing and Materials Management Department (KIT/EVM)
- The Central Legal and Insurance Department (KIT/RA)

In addition a secretariat was active the three responsible for the administrative tasks of the project. This includes reporting and web pages.

Web page

A web page was set up to collect internal documents and draft reports of the deliverables for internal review. At the end of the project, some key results might be also published in the open sections.

Consortium agreement

A consortium agreement was developed but completed late in the project. The main problem was how to include Third Parties into that agreement and still consider the CONCERT agreement as umbrella. Finally the issues were solved and the agreement was signed by all 31 parties beginning of 2019.

Key data of the project

The information about the project is given in the following:

Website address:	https://portal.iket.kit.edu/CONFIDENCE/index.php
Project type (funding instrument):	CONFIDENCE is part of CONCERT. This project has received funding from the Euratom research and training programme 2014-2018 under grant agreement No 662287.
Project start date:	01/01/2017
Duration:	36 months
Total budget	EUR 6.201.026
EC contribution via CONCERT	EUR 3.252.487

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The following lists the partners of the project

Partner	Abbreviation	Country
Karlsruhe Institute of Technology	KIT	Germany
Bundesamt für Strahlenschutz	BfS	Germany
NERC Centre for Ecology & Hydrology	CEH	United Kingdom
Centre d'étude sur l'Évaluation de la Protection dans le domaine Nucléaire	CEPN	France
Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas	CIEMAT	Spain
Environmental Protection Agency	EPA	Ireland
Greek Atomic Energy Commission	EEAE	Greece
Helmholtz Zentrum München – German Research Center for Environmental Health	HMGU	Germany
Institut de Radioprotection et de Sûreté Nucléaire	IRSN	France
MUTADIS	MUTADIS	France
Norwegian University of Life Sciences	NMBU	Norway
Norwegian Radiation Protection Authority	NRPA	Norway
University of Zurich	University of Zurich	Switzerland
UK Department of Health (Public Health England)	DH PHE	United Kingdom

Technical University of Denmark	DTU	Denmark
National Institute for Public Health and the Environment	RIVM	Netherlands
Belgian Nuclear Research Centre	SCK•CEN	Belgium
Radiation and Nuclear Safety Authority	STUK	Finland
University of Milan	UMIL	Italy
VUJE, a.s.	VUJE	Slovak Republic
Royal Netherlands Meteorological Institute	KNMI	Netherlands
Agência Portuguesa do Ambiente, IP (Portuguese Environment Agency)	APA	Portugal
Dialogik non profite institute for communication and cooperation research	DIALOGIK	Germany
University of Warwick	WARWICK	United Kingdom
Instituto Superior Técnico	IST	Portugal
Regional Environmental Center, County Office Ljubljana	REC	Slovenia
DLO-RIKILT	RIKILT	Netherlands
University of Extremadura	EXTREMADURA	Spain
UK Met Office	UK Met. Office	United Kingdom
Hungarian Academy of Sciences Centre for Energy Research	MTA EK	Hungary
Norwegian Meteorological Institute	Norwegian Met. Institute	Norway

Project completion

The project is completed by 31. December 2019. The final dissemination workshop has been performed in Bratislava beginning of December 2019 with about 90 participants.