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## **EJP-CONCERT**

# **European Joint Programme for the Integration of Radiation Protection Research**

H2020 - 662287

## D 5.2 – Public survey launched

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#### Introduction

Work package 5 of the EJP-CONCERT deals with the stakeholder engagement and communication strategies in radiation protection; task 5.3 of the work package, in particular, concerns the development of survey activities for a more efficient interaction with civil society and the use of social media for public communication. This task falls into the scope of the CONCERT consortium of answering the needs in radiation protection for the public, occupationally exposed people, patients in medicine.

Within this context, a public survey has been developed in the last year and launched on 31 May 2017. The public survey aims to gauge the perception of radiation risk amongst a wide range of people who are not radiation specialists and their opinion on information that would be helpful to a general audience to understand radiation risk.

In the present deliverable a brief description of the structure, the implementation and the dissemination of the public survey are reported. The full text is attached as an Annex.

#### The structure of the public survey.

<u>First section-Background.</u> This first part of the public survey consists in general questions about personal information on the responder, like gender, age, place and country of residence, job and level of education, as well as level of experience with the ionizing radiation and radiation protection field.

All the fields of this section, though providing precious information about the background profile of the responder, have been set as non mandatory for privacy and ethical issues.

<u>Second section- General part.</u> This section includes questions about the attitude towards science and technology, the satisfaction towards the actors in the radiation protection domain and the actions undertaken by radiation protection authorities, the opinion towards the communication channels about radiological and nuclear risk.

A last question has been added to the general section, in order to prepare the future consultation on the results of the research roadmap to help ensure that future scientific work is consistent with societal priorities. The roadmap drafting is foreseen within WP3. The willing of the respondents about giving his opinion in this field is investigated.

This section represents the core part of the public survey, as it provides essential information about individual perception of radiation risk. For this reason, all the fields of this section are set as mandatory.

<u>Third section- Specific part</u>. After the general part, the responder is invited to fill only some specific subsections, according to the roles he dealt in the ionizing radiation and radiation protection field. These subsections are: professional exposure, medical exposure, duty holders



- decision makers, specific categories of potentially exposed population, cultural involvement or interest in radiation protection issues.

The full English version of the public survey is attached as an Annex to the present document.

## Implementation of the public survey

In origin, the public survey has been drafted in English and subjected to discussions and reviews within task 5.3 members through an extensive email exchange and several teleconferences; a final version has been sent by the WP5 leader to the EU CONCERT Management Board for a final approval. Then, to reach a larger segment of the population, trying to minimize the impact of linguistic barriers, the text of the public survey has been translated in several European languages by EU CONCERT members, mother language speakers, who volunteered for that. Besides English, following versions are available:

Bulgarian	Estonian	German	Latvian	Slovak
Croatian	Finnish	Greek	Polish	Spanish
Dutch	French	Italian	Portuguese	

All the translated versions of the public survey have been separately uploaded on Google forms. To each version, a different link is associated. All the links have been made available on the CONCERT website (<a href="http://www.concert-h2020.eu/en/Stakeholders/Public survey">http://www.concert-h2020.eu/en/Stakeholders/Public survey</a>) and, each link spreads in the corresponding country through several dissemination channels following an agreed dissemination route.

#### Dissemination of the public survey

Regarding the dissemination route, an involvement of the POMs of each country is crucial. To have a capillary dissemination of the links, it could be useful:

- to contact consumer and patient associations;
- to contact mediator associations (i.e. General practitioners);
- publication on social networks;
- distribution in hospitals and pharmacies;
- press release and massive exploitation of institutional press service;
- contact with schools and universities.

Of course, this list is not exhaustive.



## **ANNEX:**

## **BACKGROUND QUESTIONS**

While the survey is anonymous, we would like to know more about your background.

BG 1	Gender of the respondent	Male
		Female
BG 2	Country of residence	Country
BG 3	Place of residence	<ol> <li>Big city</li> <li>Medium town</li> <li>Small town</li> <li>Village</li> </ol>
BG 4	Year of birth	Year
BG 5	What is the highest Qualification you have obtained?	<ol> <li>Primary school or no education</li> <li>Lower secondary - general</li> <li>Higher secondary - general</li> <li>Higher non-university</li> <li>University - scientific/technical subject</li> <li>University - arts/humanities/social science subject</li> <li>Post University</li> </ol>
BG 6	What is your current occupation?	<ol> <li>Service industry (food, financial, IT, service provider)</li> <li>Manufacturing and processing trade</li> <li>Healthcare sector</li> <li>Education and training</li> <li>Unemployed/retired</li> <li>Others</li> </ol>
BG 7	Have you ever undergone one of the following medical examination/treatment involving the use of ionizing radiation?	<ol> <li>Medical X Ray (not dental)</li> <li>Dental imaging (X Ray, CONE Beam Computed Tomography,)</li> <li>Computed Tomography (CT)</li> <li>Positron Emission Tomography (PET)</li> <li>Radiation Therapy</li> <li>Interventional Radiology</li> <li>Scintigraphy</li> <li>Others</li> </ol>



BG 8	Have you ever lived in an area	1. Yes
	close (within a 20 km radius) to a	2. No
	nuclear installation (power plant,	3. Don't know/ no answer
	nuclear research reactor)	
BG 9	Have you ever had a job that	1. Yes
	involved the use or exposure to	2. No
	ionizing radiation?	3. Don't know/ no answer
BG 10	Select from the list the roles you	Professional exposure
	dealt with radiation protection	2. Duty holders - decision makers
	field:	3. Medical exposure
		4. Specific categories of potentially exposed
		population
		5. Cultural involvement or interest in
		radiation protection issues:
		6. Don't know/ no answer
İ		
BG 11 a	If you answered "Professional	Medical specialist
	exposure" to BG10 question,	2. Industrial radiographer
	please specify (multiple answers	3. Hospital radiographer
	are allowed)	4. Worker at nuclear power plants
		5. Worker at water processing plants
		6. Miner
		7. Worker involved in site remediation
		8. Radiation worker in research
		9. Aircrew
		10. Others
BG11 b	If you answered "Duty holders-	General practitioner/family physician
מ דדטמ	Decision makers" to BG10	Industrial manager
	question, please specify (multiple	Nuclear power regulator
	answers are allowed)	Nuclear power regulator     Involved in emergency planning
	aliswers are allowed)	5. Others
		5. Others
BG11 c	If you answered "Medical	Patient exposed to radiotherapy
	exposure" to BG10 question,	2. Patient exposed to interventional
	please specify (multiple answers	radiology
	are allowed)	3. Patient exposed to nuclear medicine
		4. Patient exposed to radiology
		5. Others



BG11 d If you answered "Specific categories of potentially exposed population " to BG10 question, please specify (multiple answers are allowed)  BG11 e If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  BG 12 What kind of training have you had in radiation protection field?  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (a. Student 2. Teacher 3. Journalist 4. Scientific mediator 5. Others  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (a. Student 2. Teacher 3. Journalist 4. Scientific mediator 5. Others  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify 4. Scientific mediator 5. Others  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify 4. Scientific mediator 5. Others  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify 4. Scientific mediator 5. Others  BG 12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify 4. Scientific mediator 5. Others  BG 12 If you answered "Cultural involvement or interest in radiation pr			
population "to BG10 question, please specify (multiple answers are allowed)  BG11 e  If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG12 What kind of training have you had in radiation protection field?  BG12 What kind of training have you had in radiation protection field?  BG12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG12 What kind of training have you had in radiation protection field?  BG12 If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (a. Scientific mediator or by the pho or by the professional training (una tantum) or by the professional training on a regular basis or linformed consent or personal interest or other	BG11 d	If you answered " Specific	<ol> <li>Living close to the Energy</li> </ol>
"to BG10 question, please specify (multiple answers are allowed)  BG11 e  If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  PhD  Master  Professional training (una tantum)  Professional training on a regular basis  Informed consent  Personal interest  Other		categories of potentially exposed	Plant/Nuclear waste disposal sites
(multiple answers are allowed)  3. Living in a house or region with high radon levels 4. Others  BG11 e  If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  BG 12  What kind of training have you had in radiation protection field?  PhD  Master  Professional training (una tantum)  Professional training on a regular basis  Informed consent  Personal interest  Other		population	<ol><li>Living close to contaminated areas</li></ol>
BG11 e If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  BG 12 If you answered "Cultural 1. Student 2. Teacher 3. Journalist 4. Scientific mediator 5. Others  High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other		" to BG10 question, please specify	(currently or in the past)
BG11 e If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  BG 12 What kind of training have you had in radiation protection field?  PhD  Master  Professional training (una tantum)  Professional training on a regular basis  Informed consent  Personal interest  Other		(multiple answers are allowed)	3. Living in a house or region with high
BG11 e If you answered "Cultural involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12 What kind of training have you had in radiation protection field?  What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other			radon levels
involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other			4. Others
involvement or interest in radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other			
radiation protection issues" to BG10 question, please specify (multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other	BG11 e	If you answered "Cultural	1. Student
BG10 question, please specify (multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other		involvement or interest in	2. Teacher
(multiple answers are allowed)  BG 12  What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other		radiation protection issues" to	3. Journalist
BG 12 What kind of training have you had in radiation protection field?  - High school - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other		BG10 question, please specify	4. Scientific mediator
had in radiation protection field?  - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other		(multiple answers are allowed)	5. Others
had in radiation protection field?  - University - PhD - Master - Professional training (una tantum) - Professional training on a regular basis - Informed consent - Personal interest - Other			
<ul> <li>PhD</li> <li>Master</li> <li>Professional training (una tantum)</li> <li>Professional training on a regular basis</li> <li>Informed consent</li> <li>Personal interest</li> <li>Other</li> </ul>	BG 12	What kind of training have you	<ul><li>High school</li></ul>
<ul> <li>Master</li> <li>Professional training (una tantum)</li> <li>Professional training on a regular basis</li> <li>Informed consent</li> <li>Personal interest</li> <li>Other</li> </ul>		had in radiation protection field?	<ul><li>University</li></ul>
<ul> <li>Professional training (una tantum)</li> <li>Professional training on a regular basis</li> <li>Informed consent</li> <li>Personal interest</li> <li>Other</li> </ul>			– PhD
<ul> <li>Professional training on a regular basis</li> <li>Informed consent</li> <li>Personal interest</li> <li>Other</li> </ul>			– Master
basis  - Informed consent  - Personal interest  - Other			<ul> <li>Professional training (una tantum)</li> </ul>
<ul> <li>Informed consent</li> <li>Personal interest</li> <li>Other</li> </ul>			<ul> <li>Professional training on a regular</li> </ul>
<ul><li>Personal interest</li><li>Other</li></ul>			basis
– Other			<ul> <li>Informed consent</li> </ul>
			<ul> <li>Personal interest</li> </ul>
– None			– Other
			– None



## **GENERAL SECTION**

## AX1 - ATTITUDE TOWARDS SCIENCE AND TECHNOLOGY

Please indicate to what extent you agree or disagree with these statements:

Future generations will have a better quality of life as a result of science	1.	Strongly Disagree
and technology	2.	Disagree
Science and technology will make our lives easier	3.	Agree
Science and technology have made life more dangerous	4.	Strongly Agree
	5.	Don't know / no
Science and technology development have unforeseen side effects that		answer
harm human health and the environment		

## **RPP1 - RISK PERCEPTION**

Please indicate to what extent you think each of the following affects your relatives' health.

Air pollution		
Radioactive waste		
Chemical waste		
An accident in a chemical installation	1.	No risk at all
An accident in a nuclear installation	2.	Very low
Radiation from mobile phones (cell phones)	3.	Low
High voltage power lines	4.	Average
Natural radiation (e.g. radon or radiation from space)	5.	High
Medical X-rays	6.	Very high
CT scans or PET etc. for medical examinations	7.	Don't know / no
MRI scans for medical examinations		answer
A terrorist attack with a radioactive source		
Residues of radioactivity in food		
Sterilization of food by radiation		



## RBD1 – BENEFITS AND DETRIMENTS

Please select the items for which you think that the benefits (social, economic, health ...) are higher than detriments (multiple answers are allowed)

Chemical installation	
Nuclear installation	
Mobile phones (cell phones)	
High voltage power lines	
Naturally occuring radioactivity (e.g. in food or building materials)	
Medical X-rays	
CT scans or PET etc. for medical examinations	
MRI scans for medical examinations	
Sterilization of food by radiation	

## ARP1 - ACTORS IN THE RADIATION PROTECTION FIELD/AWARENESS

Please tell us if you think that the following actors are aware to public concerns about radiation (give an answer only for the actors that you know)

Actors in Radiation Protection		
National radiation protection authorities		
Environmentalist organisations	1.	Yes
Nuclear industry	2.	No
The journalists	3.	Don't know
National Agencies/Institutes for nuclear safety or control		/ no answer
General practitioners		
Medical personnel in hospital		
The national agency for radioactive waste and enriched fissile materials		
IAEA (International Atomic Energy Agency) in Vienna		
Scientists from Universities / Public Institutes		
ICRP (International Commission on Radiological Protection)		
Scientists from private companies		
The European Commission		



## ARP2 - ACTORS IN THE RADIATION PROTECTION FIELD/COMPETENCE

Please tell us if you think that the following actors are technically and scientifically competent to point out the risks and benefits of the use of ionising radiation (give an answer only for the actors that you know)

Actors in Radiation Protection		
National radiation protection authorities		
Environmentalist organisations	1.	Yes
Nuclear industry	2.	No
The journalists	3.	Don't know
National Agencies/Institutes for nuclear safety or control		/ no answer
General practitioners		
Medical personnel in hospital		
The national agency for radioactive waste and enriched fissile materials		
IAEA (International Atomic Energy Agency) in Vienna		
Scientists from Universities / Public Institutes		
ICRP (International Commission on Radiological Protection)		
Scientists from private companies		
The European Commission		



## ARP3 - ACTORS IN THE RADIATION PROTECTION FIELD/TRUTH

Please tell us if you think that the following actors are telling the truth about risks and benefits of the use of ionising radiation (give an answer only for the actors that you know)

Actors in Radiation Protection		
National radiation protection authorities		
Environmentalist organisations	1.	Yes
Nuclear industry	2.	No
The journalists	3.	Don't know / no
National Agencies/Institutes for nuclear safety or control		answer
General practitioners		
Medical personnel in hospital		
The national agency for radioactive waste and enriched fissile materials		
IAEA (International Atomic Energy Agency) in Vienna		
Scientists from Universities / Public Institutes		
ICRP (International Commission on Radiological Protection)		
Scientists from private companies		
The European Commission		



### RC1 - SATISFACTION WITH ACTIONS OF THE AUTHORITIES

How satisfied are you with the actions the authorities undertake in the following contexts to protect the population against the risks below?

Radioactive waste	
Chemical waste	
An accident in a chemical installation	
An accident in a nuclear installation	1. Very unsatisfied
Radiation from mobile phones (cell phones)	2. Rather unsatisfied
Natural radiation (e.g. radon or radiation from space)	3. Rather satisfied
Medical X-rays	4. Very satisfied
CT scans for medical examinations	5. Don't know/no answer
A terrorist attack with a radioactive source	
A terrorist attack with chemical/biological agents (or sources)	
Residues of radioactivity in food	

### AW1- KNOWLEDGE ABOUT THE RADIATION PROTECTION DOMAIN

The following questions concern the use of radiation in general. What do you think about the following issues?

Does exposure to radiation always lead to radioactive contamination?	
Is radioactive waste produced only by nuclear power plants?	
Is it true that vegetables grown near a nuclear power plant are not good for consumption because of radioactivity?	
Tor consumption because or radioactivity:	
Is it true that natural radioactivity is never dangerous because we are	1. Yes
used and adapted to it?	2
Is it true that the human body is naturally radioactive?	2. No
	3. Don't know/
	no answer
Is it true that with time, every radioactive substance becomes more and	
more radioactive?	
Is it true that food sterilization by irradiation makes food radioactive?	



#### C1 - COMMUNICATION ABOUT IONISING RADIATION IN GENERAL

In general, how satisfied are you with the public information related to ionising radiation provided by the following sources? (Skip the item if you have never received any information related to ionising radiation from the specific source).

National Agencies/Institutes for nuclear safety or control/radiation	
protection	1. Very unsatisfied
Medical personnel in hospitals	2. Rather unsatisfied
General practitioners or dentists	3. Rather satisfied
Mass-media	4. Very satisfied
Scientists from universities	5. Don't know/no
The Nuclear industry	answer
Others	

### F1 - FINALLY

The European CONCERT Project is currently developing a "research roadmap" to help ensure that future scientific work is consistent with societal priorities with respect to issues related to the protection of the public and ecosystems from ionising radiation exposure.

Would you, as a stakeholder invited to respond to this questionnaire, be interested in further giving your opinion on future research needs in the course of the elaboration of the above mentioned European Roadmap?	2.	Yes No Don't know/
		no answer

F2- If you answered "yes" to F1 que	estion, please give us your ema	il



## **SPECIFIC SECTION**

Please answer to the section(s) of your competence (BG10 question)

## S1 - PROFESSIONAL EXPOSURE

SP 1	How satisfied are you with the professional	1. Very unsatisfied
	training in radiation protection received?	2. Rather unsatisfied
		3. Rather satisfied
		4. Very satisfied
		5. Don't know/no answer
SP 2	How satisfied are you with the	1. Very unsatisfied
	implementation of radiation protection provisions by your employer?	2. Rather unsatisfied
	provisions by your employer?	3. Rather satisfied
		4. Very satisfied
		5. Don't know/no answer
SP 3	How satisfied are you with the following learning material? (skip the item if you have never used it)	
	Slideshow	1. Very unsatisfied
	Video tutorials	2. Rather unsatisfied
	Books	3. Rather satisfied
	Lecture notes	4. Very satisfied
	Practical exercises on field	5. Don't know/no answer
	Official documents (ICRP, NCRP)	
	Other (specify)	
SP 4	Are radiation protection guidelines a useful	1. Yes
	instrument for your daily work?	2. No
		3. Don't know/ no answer
SP 5	What's the field you feel more necessary to	1. Regulations
	be deepened in the professional training?	Individual and collective devices
		Early and late radiation effects
		4. Others
SP 6	Please provide in the box below brief reasons	for your responses above.



## **S2- MEDICAL EXPOSURE**

SP 7	How satisfied are you with the following Informed Consent steps?	
SP 8	Description of the clinical issue and suggested treatment  Discussion on alternatives to the suggested treatment (including the option of no treatment)  Discussion on risks and benefits of the suggested treatment (and comparing them to the risks and benefits of alternatives)  Assessment of the understanding of the information provided, and thereby consent  For which procedures would you like to receive more information?	<ol> <li>Very unsatisfied</li> <li>Rather unsatisfied</li> <li>Rather satisfied</li> <li>Very satisfied</li> <li>Don't know/no answer</li> <li>Medical X Ray</li> <li>CT</li> <li>PET</li> <li>Radiation Therapy</li> <li>Interventional Radiology</li> <li>Scintigraphy</li> <li>Others</li> </ol>

## S3 - DUTY HOLDERS - DECISION MAKERS

SP 9	How satisfied are you with the	1. Very unsatisfied
	communication channels with scientific	2. Rather unsatisfied
	research field (Workshops, scientific	3. Rather satisfied
	projects/association websites, peer	4. Very satisfied
	reviewed papers, blogs) ?	5. Don't know/no answer
SP 10	Do you think that the quality of your work	1. Yes
	would take advantage from a correct	2. No
	radiation protection culture spreading	3. Don't know/ no answer
	among the population?	
SP 11	In your experience a more direct	1. Yes
	involment of the population, already in	2. No
	the early stage, could make a radiation	3. Don't know/ no answer
	protection decision process easier and	
	more efficient?	
SP 12	If you answered yes to SP11 question,	1. Forum
	among the following which do you	2. Working groups
	consider the most useful tool to actively	3. Round tables
	involve the population?	4. Meetings



## S4 - SPECIFIC CATEGORIES OF POTENTIALLY EXPOSED POPULATION

SP 13	How satisfied are you with the quantity of the information about radiation risk received from the authorities?	<ol> <li>Very unsatisfied</li> <li>Rather unsatisfied</li> <li>Rather satisfied</li> <li>Very satisfied</li> <li>Don't know/no answer</li> </ol>
SP 14	How satisfied are you with the quality of the information about radiation risk received from the authorities?	<ol> <li>Very unsatisfied</li> <li>Rather unsatisfied</li> <li>Rather satisfied</li> <li>Very satisfied</li> <li>Don't know/no answer</li> </ol>
SP 15	Do you feel adequately protected from ionising radiation exposure risks?	<ol> <li>Yes</li> <li>No</li> <li>Don't know/ no answer</li> </ol>
SP 16	Are you in contact/association with other people in the same situation of potential exposure? E.g. other people living in the same village; consumers' association; Whatsapp groups	<ol> <li>Yes</li> <li>No</li> <li>Don't know/ no answer</li> </ol>
SP 17	If you asnswered yes to SP16 question, in which way you exchange information within the association?	<ol> <li>Periodical meetings (weekly, monthly,)</li> <li>On line forum</li> <li>Mailing list</li> <li>Social media</li> </ol>



## S5 - CULTURAL INVOLVEMENT OR INTEREST IN RADIATION PROTECTION ISSUES

SP 18	Which are your main sources of information about radiological and nuclear risk?	<ol> <li>TV</li> <li>Radio</li> <li>Newspapers</li> <li>Websites, blogs, e-magazine for science dissemination</li> <li>Scientific journals</li> <li>Others</li> </ol>
SP 19	What is the most important criterion do you use to decide whether a source is trustworthy or not?	<ol> <li>Reliability</li> <li>Competence</li> <li>Impartiality</li> </ol>
SP 20	Do you generally find sources of comprehensible and reliable information about radiation protection and radiation risk?	<ol> <li>Never</li> <li>Sometimes</li> <li>Often</li> <li>Always</li> <li>Don't know/ no answer</li> </ol>