



## INSIDER Mid-term Workshop

Bizkaia ARETOA Conference Centre, Bilbao, Spain 20-22 May 2019

### Preliminary Agenda

**Day 1: Project meeting with the aim of monitoring the INSIDER project implementation status with decisions on the following project implementation year (only INSIDER Consortium)**

Time	Topical presentation	Presenter / Chair
13:30 – 14:00	INSIDER Board meeting	Board Members
14:00 – 14:30	UPV/EHU Introduction (5 min) Project Introduction (20 min) 5min Q/R	Margarita Herranz UPV/EHU Daniele Roudil (CEA)
WP Implementation Status Reporting		
14:30 – 14:45	WP 1: Project Management	Daniele Roudil (CEA) Niclette Bukasa (LGI)
14:45 – 15:00	WP 2: Requirements and Validation	Paolo Peerani (JRC)
15:00 – 15:15	WP 3: Sampling Strategy	Sven Boden (SCK-CEN)
15:15 – 15:30	WP 4: Reference materials and radiochemistry	Ben Russell (NPL)
15:30 – 16:00	Coffee break	
16:00 – 16:15	WP 5: In-Situ measurements	Margarita Herranz (UPV/EHU)
16:15 – 16:30	WP 6: Performance assessment – uncertainty evaluation	Marielle Crozet (CEA)
16:30 – 16:45	WP 7: Dissemination and exploitation	Laura Aldave de las Heras (JRC)
17:00 – 18:00	WPs meetings (parallel or common sessions)	If needed

## DAY 2 INSIDER Scientific and Technical Highlights & Poster Session (Public)

Time	Topical presentation	Speaker
<b>Scientific-technical highlights</b>		
09:00– 09:25	<i>Overview of the available sampling design methods and state-of-the-art statistical techniques</i>	Nadia Pérot, CEA
09:25– 09:50	<i>Development of a user friendly guideline for data analysis and sampling design strategy</i>	Yvon Desnoyers, Geovariances
09:50– 10:15	<i>Overview and inventory of existing methods for in situ radiological measurements in constrained environments</i>	Khalil Amgarou, CEA
10:15– 10:40	<i>Classification and categorization of the constrained environments in radioactive / nuclear premises</i>	Frederic Aspe, ONET
10:40– 11:40	<b>Coffee break + Poster Session</b>	
11:40– 12:05	<i>Evaluation of radiochemical measurement techniques</i>	Alexandra Northstein, KIT
12:05– 12:30	<i>Development of novel radiochemical measurement techniques for use in a restricted environment</i>	Thomas Vercouter , CEA
12:30– 12:55	<i>Development of reference materials</i>	Ben Russell, NPL Monika Mazanova,CMI
12:55– 13:25	<i>Statistical methods for the analysis of interlaboratory comparisons with auxiliary information</i>	Séverine Demeyer, LNE
13:25– 13:35	<i>InterLaboratory Comparisons on Certified Reference Materials : progress and prospects</i>	Valérie Lourenço, CEA/LNHB
13:35– 15:00	<b>Lunch</b>	
Case Study 1: Liquid Waste Storage Facility - JRC Ispra		
15:00– 15:10	<i>Case introduction</i>	Paolo Peerani, JRC
15:10– 15:30	<i>Preliminary data analysis &amp; sampling design</i>	Gunhild von Oertzen, Brenk/ Oleksandr Sevbo, Energorisk
15:30– 15:40	<i>Planning of the on-site measurements at JRC</i>	Raquel Idoeta, UPV/EHU
15:40– 15:45	<i>Case Study 1-Discussion 5 min Q/R</i>	All

Case Study 2: The BR3 biological shield – SCK-CEN		
15:45– 16:05	<i>Case introduction &amp; preliminary data analysis &amp; sampling design</i>	Bart Rogiers/ Wouter Broeckx, SCK•CEN
16:05– 16:25	<i>Analysis of the on-site measurements at BR3</i>	Peter Völgyesi , MTA-EK
16:25– 16:40	<i>Preliminary analysis of the on-site comparisons at BR3</i>	Marielle Crozet, CEA
16:40– 16:55	<i>Inter-comparison exercise and reference material certification</i>	Ben Russell, NPL
16:55– 17:00	<i>Case Study 2-Discussion 5 min Q/R</i>	All
Case Study 3: Post accidental site remediation - CEA		
17:00-17:20	<i>Case introduction &amp; preliminary data analysis &amp; sampling design</i>	Yvon Desnoyers, Geovariances / Nadia Pérot, CEA
17:20:17:25	<i>Case Study 3-Discussion 5 min Q/R</i>	All
17:30– 18:00	<i>EUG meeting</i>	EUG + WPK leaders

19:00–.	Social event Guided visit to Bilbao old town followed by typical dinner in the old part of the city
---------	--

**DAY 3 Topical Session: Step Change Innovation in Radiological Characterisation (Public)**

Time	Topical presentation	Panel Chair
Topical Session: Step Change Innovation in Radiological Characterisation		
09:00– 10:00	<p>Innovation in detection systems</p> <ul style="list-style-type: none"> <li>• <i>Overview presentation (tbc)</i> JL.Leganes Nieto (ENRESA)</li> <li>• <i>Panel discussion (tbc)</i> Lousai Leong (MIRION) Tomas Recio (TECNATOM) Patrick O'Sullivan (IAEA) B. Zaffora (CERN)</li> </ul>	<i>Chair: Margarita Herranz Soler (UPV/EHU)</i>
10:00– 11:00	<p>Innovative radiochemical analysis methods (cost effective, rapid and DTM)</p> <ul style="list-style-type: none"> <li>• <i>Overview presentation (tbc)</i> Xiaolin Hou (DTU)</li> <li>• <i>Panel discussion (tbc)</i> Jixin Qiao (DTU) M. Bothe(VKTA ) L. Bec (ORANO) D. Braekers (IRE)</li> </ul>	<i>Chair Ben Russell (NPL)</i>
11:00– 11:30	Coffee break	
11:30– 12:30	<p>Innovation in digitalization methods (AI, virtual reality, 3D)</p> <ul style="list-style-type: none"> <li>• <i>Keynote presentation (tbc)</i> F. Ballester Muñoz (UC)</li> <li>• <i>Panel discussion (tbc)</i> Caroline Chabal (CEA) Patrick O'Sullivan (IAEA) Franz Borrmann (iUS) Luc Ardelliers (OREKA solutions)</li> </ul>	<i>Chair Paolo Peerani/Laura Aldave de las Heras (JRC)</i>
12:30– 13:00	Summary and Closure	Daniele Roudil (CEA)