## NORM Meeting in Katowice, Poland

## 1st ENA Workshop & IAEA NORM Project Technical Meeting (TM)

## 21th November 2018, 16.00 – 18.00

Your name:

Your organisation:

Please indicate which activity you plan to participate in

 ENA working group on NORM in the Environment

 ENA working group on building materials

 ENA working group on NORM in industry

 IAEA ENVIRONET NORM Project TM(It is expected that participants of the IAEA NORM Project TM will attend the TM session being held at this time, rather than joining other working groups.)

Information on the different activities:

ENA working group on NORM in the environment

Several issues linked with potential public/workforce/environment exposure from environmental contamination by NORM and the needs and questions that authorities, industry, scientists, consultants are having and to which this NORM Environment WG may contribute to provide solutions are highlighted below. Please, indicate to which themes you would like to contribute and how. If there are additional issues you think this WG should deal with, please complement.

  Develop guidance document on how to integrate the radiological assessment with the overall environmental assessment and come to an integrated site management/remediation approach.

 Develop guidance document on approach to risk communication related to NORM legacy sites.

 Tool-box for dispersion models for detailed assessment.

 Development of a meaningful and cost-efficient monitoring program for a NORM site: structured representation of available documents.

 Training (e.g. refresher courses) related to exposure and impact studies, regulation, monitoring.

 Other?

**WG leaders:** Hildegarde Vandenhove, Stéphane Pépin

Comments/suggestions:

ENA working group on building materials

This working group was established to have a platform on which all kinds of professionals in the field interested in both NORM and building materials are gathered and can exchange their experiences, thoughts and use it as a starting point to develop all kinds of related activities either within or outside ENA. Examples of such activities may include bilateral exchange of information, starting (funded) projects to address specific topics of interest etc. The objective of the working group is to establish a “living document” which can be used by all the members to see what their contribution could be, to add relevant information and as a starting point for the ENA workshops and conferences to be held in the future. It is up to the participants, more specifically those participants interested in cooperating on a certain issue, to set out their time lines and the way they want to communicate (other than meeting during an ENA event). Topics to be discussed during the working group session at ENA workshop are listed below. Please indicate to which themes you would like to contribute:

 Implementation guide for the building industry.

 Screening methods.

 Communication.

 Information gathering and processing (sharing and database).

 Other?

Comments/suggestions:

**WG leaders:** Rob Wiegers, Wouter Schroeyers

ENA working group on NORM in industry

The ENA Working Group NORM in Industry intends to develop and promote a library of good practice documents for radiation protection in NORM industries in Europe. During the working group session at ENA workshop the following regulatory requirements and practical experiences in EU member states as well as other European countries are planned to be discussed

 Legally defined “Positive Lists” for NORM residues and NORM practices.

 Other NORM that are not covered by the EU Positive List but occur in industrial processes

 NORM classification, in particular exemption values for work activities, and clearance levels for disposal (including the special role of Pb-210).

 Classification of NORM for transport.

 Dose estimation methods for workers, with special regard to radon generated by NORM.

 Radiation protection practices, with special emphasis on external workers.

 Products with enhanced concentrations of naturally occurring radionuclides.

 Management and disposal of NORM residues within the context of conventional waste legislation.

Different approaches, methods or interpretations that result in conflicts and restrain trade and international industrial cooperation should be addressed. Furthermore, the culture of communication about radiation risks from NORM in industry to affected workers and the interested public can be considered.

Please indicate to which themes listed above you would like to contribute and how.

You can also make additional proposals.

Comments/suggestions:

**WG leader:** Rainer Gellermann, Christian Kunze

IAEA ENVIRONET NORM Project TMThe IAEA NORM Project TM will convene during this time period separately from the ENA Working Group sessions. It is expected that IAEA TM participants will attend the TM session being held at this time, rather than joining other working groups. Please refer to the TM agenda for details regarding activities during this session.

**Leaders:** Karen Smith and Astrid Schellenberger