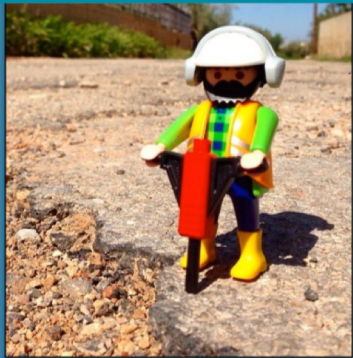


18th EAN Workshop

Feedback

18th workshop of the European
ALARA Network [joint with ISOE]

ALARA for Decommissioning and Site Remediation



11-13 March 2019



CEA-Marcoule Nuclear Centre, France



<http://c.planetReg.com/EANworkshop18>



“ALARA for Decommissioning and Site Remediation”

Institut de Chimie Séparative de Marcoule (ICSM),
CEA-Marcoule, France

11 ~ 13 March 2019

Sylvain Andresz, CEPN

Quiz

Since the 50s, how many nuclear installations (NPP, research reactors, etc.) have been decommissioned or are in the process of decommissioning?

- about 50?
- about 150?
- about 400?
- None, it is too difficult technically speaking and cost too much.

Objectives

- Re-visit workshops 1 (1997) and 7 (2006) (including legacy sites)
- Present the current regulation and recommendations
- Present practical implementation of ALARA for decommissioning/site remediation in the nuclear sector, the “non-nuclear” sector and legacy sites
- Focus on the holistic approach and the management of wastes

overview

46  participants

25  speakers

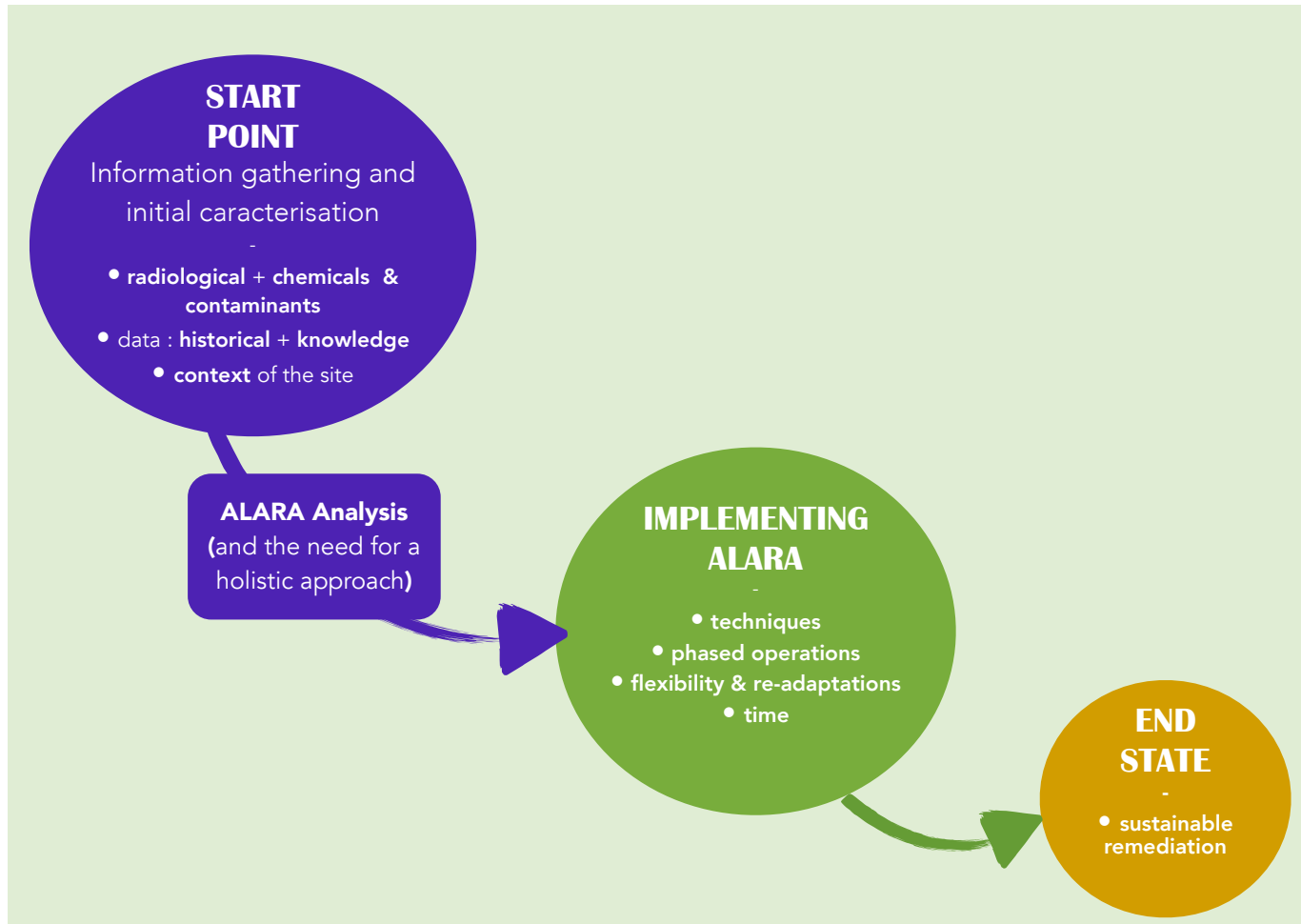
5  sessions

4  working groups

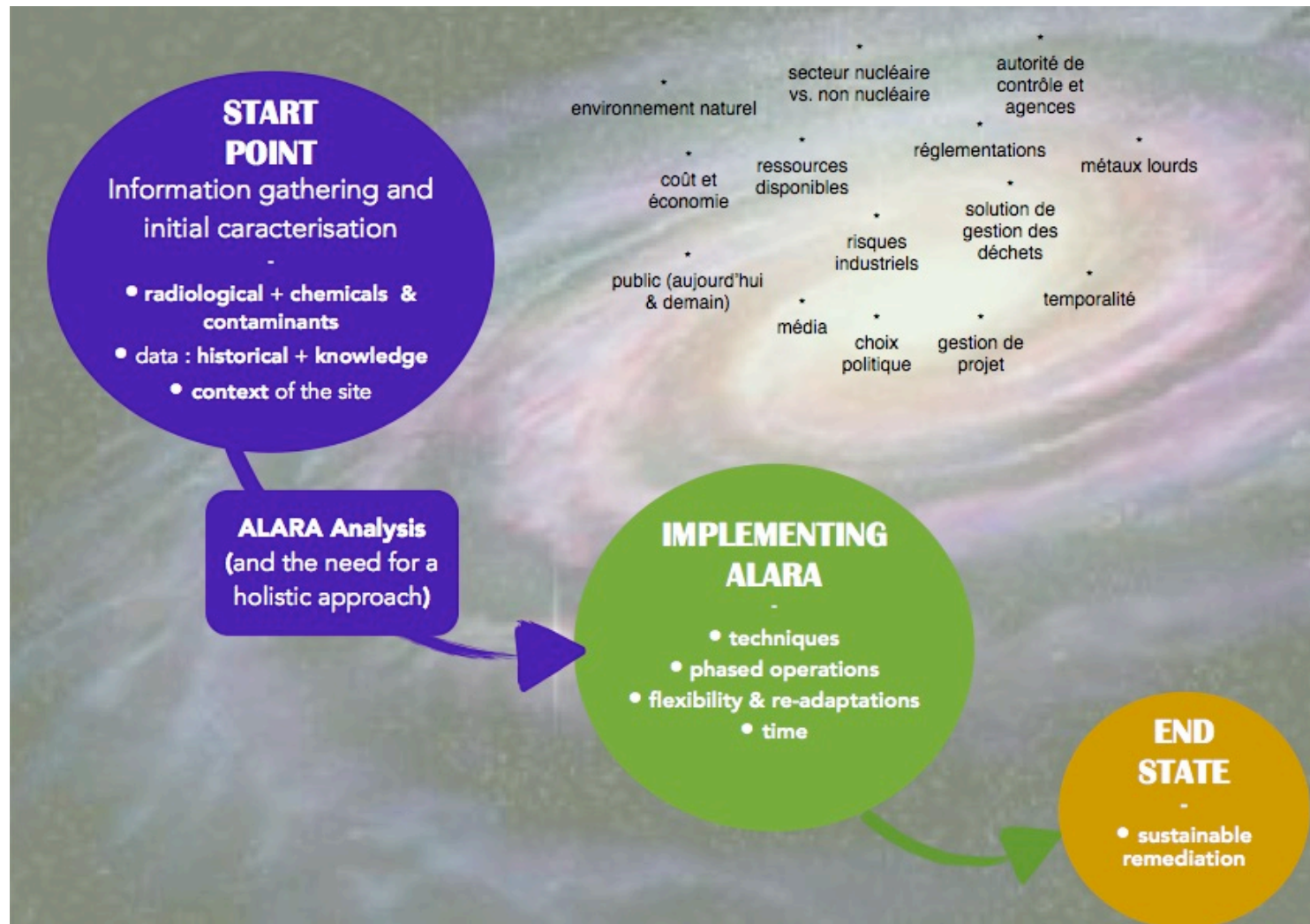
1  technical visit

8,5/10 mark

Elements from the conclusions and recommendations



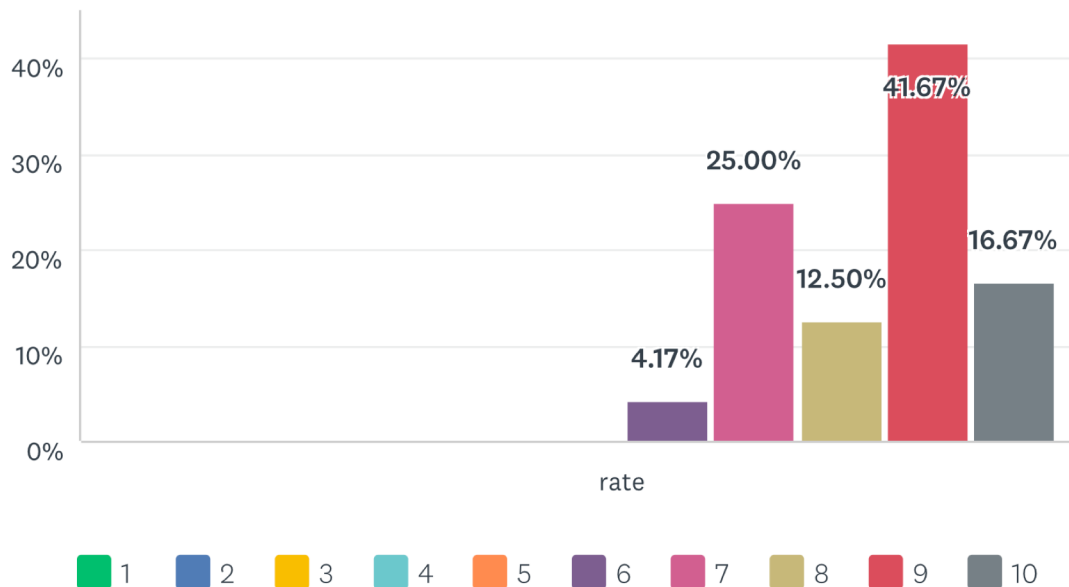
ALARA: in a galaxy of other factors!



Feedback survey

Overall, how would you rate the EAN Workshop n°18?

Answered: 24 Skipped: 0



- Average = 8,42; deviation = 1,15 ; median = 9

Feedback survey

A last word ?

- *thanks for organising the event*
- *choisir un lieu plus pratique à atteindre avec les transports publics*
- *Great job !*
- *The workshop was organized very well. A lot of very interesting and useful material was presented. A good balance between presentations and group exercises was achieved. In the beginning I was a little skeptical regarding quite different themes which were presented (occupational RP and site remediation), however it went quite well and it was very interesting to see all the presentations and some topics were quite new for me, since my main work is more related to occupation RP.*
- *Provide link to documents that were presented/discussed during the meeting (IAEA).*
- *Very good organization*
- *It was very interesting in Marcoule. The technical visit was great. Thank you and best regards*
- *Note: If the holistic approach (beyond ALARA/RP) is to pick up wind, stakeholders in other areas (beyond ALARA/RP) needs to be identified and invited.*
- *It would perhaps be an opportunity to have view of the IRPA organisation concerning the application of ALARA into the practice (strengths and limitations)*
- *Consider probing the participants ahead of the workshop (e.g. by email, post-registration) with regards to the questions used to steer the debate during working groups' sessions*
- *The total time for the work groups may be slightly extended by less than half a day. Shifting one half of the work group time to pre-lunch may be an additional option*

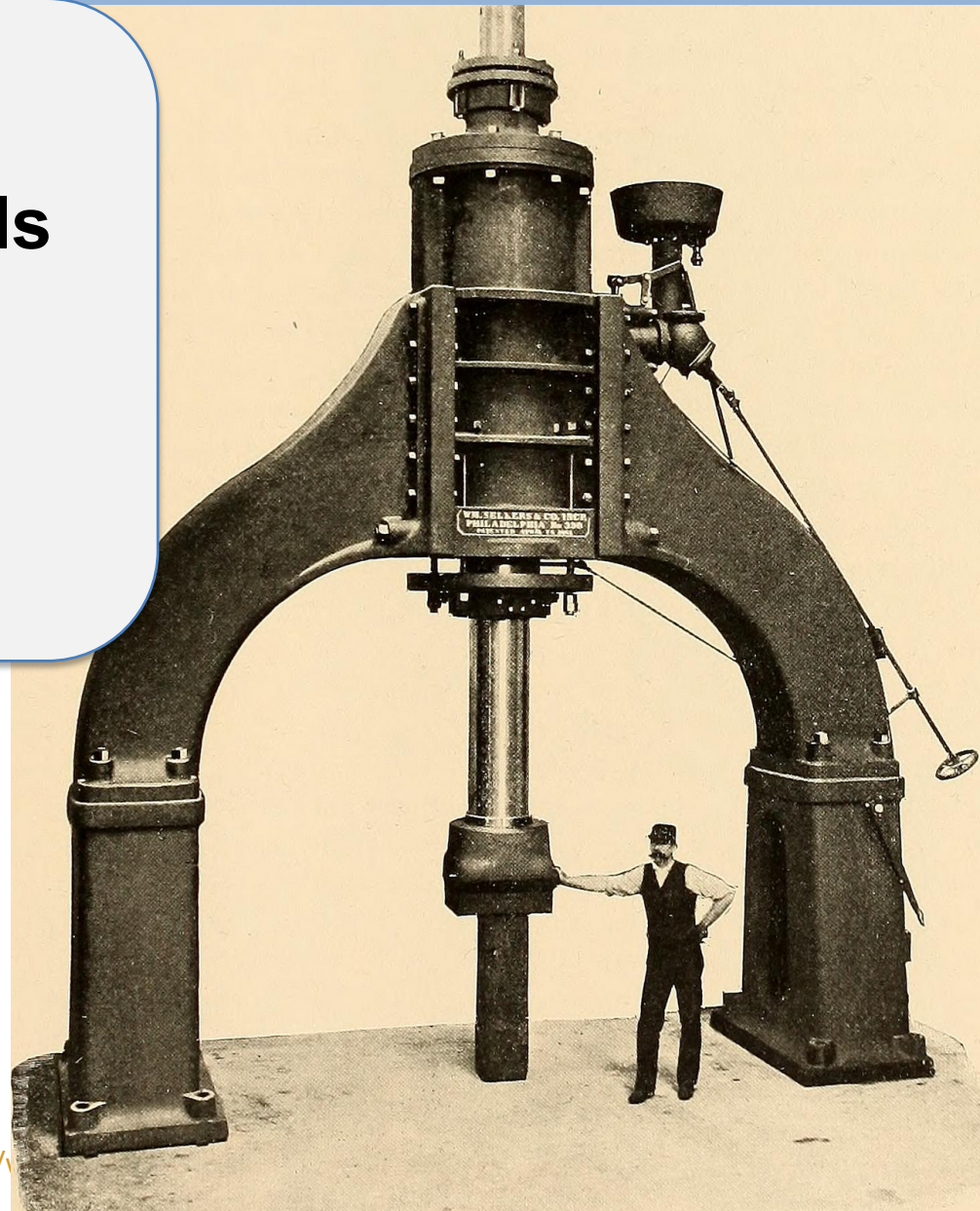
Synthesis and perspectives

- Conclusions and recommendations published in the EAN Newsletter
 - To be broadcast!
- Idea is to publish in a RP journal (or other journal?)
 - JoRP?
 - Other proposals ...?
- Further collaboration with ISOE?
- Considering the conclusions and recommendations for the next Strategic Agenda?

EAN 19th workshop Innovative ALARA Tools

Jointly organized with the PODIUM
project (Horizon 2020, PODIUM, CONCERT)

Athens, 26-29 November 2019 (provisional)



Objectives of EAN workshop 19

- to present and review recent and emerging **"innovative ALARA Tools"** used in the different steps of the ALARA process
- to investigate the **benefits of the tools and identify potential limits** in their application;
- to disseminate the **knowledge on innovative ALARA Tools** in support of the ALARA process;
- to investigate how innovative ALARA Tools and innovation may **(re)shape the ALARA process** for the next years: evolution or revolution?
- The sessions of the programme are following the steps of ALARA process:
 - Session 2: characterisation and first evaluation
 - Session 3: planning and decisions
 - Session 4: follow-up and feedback

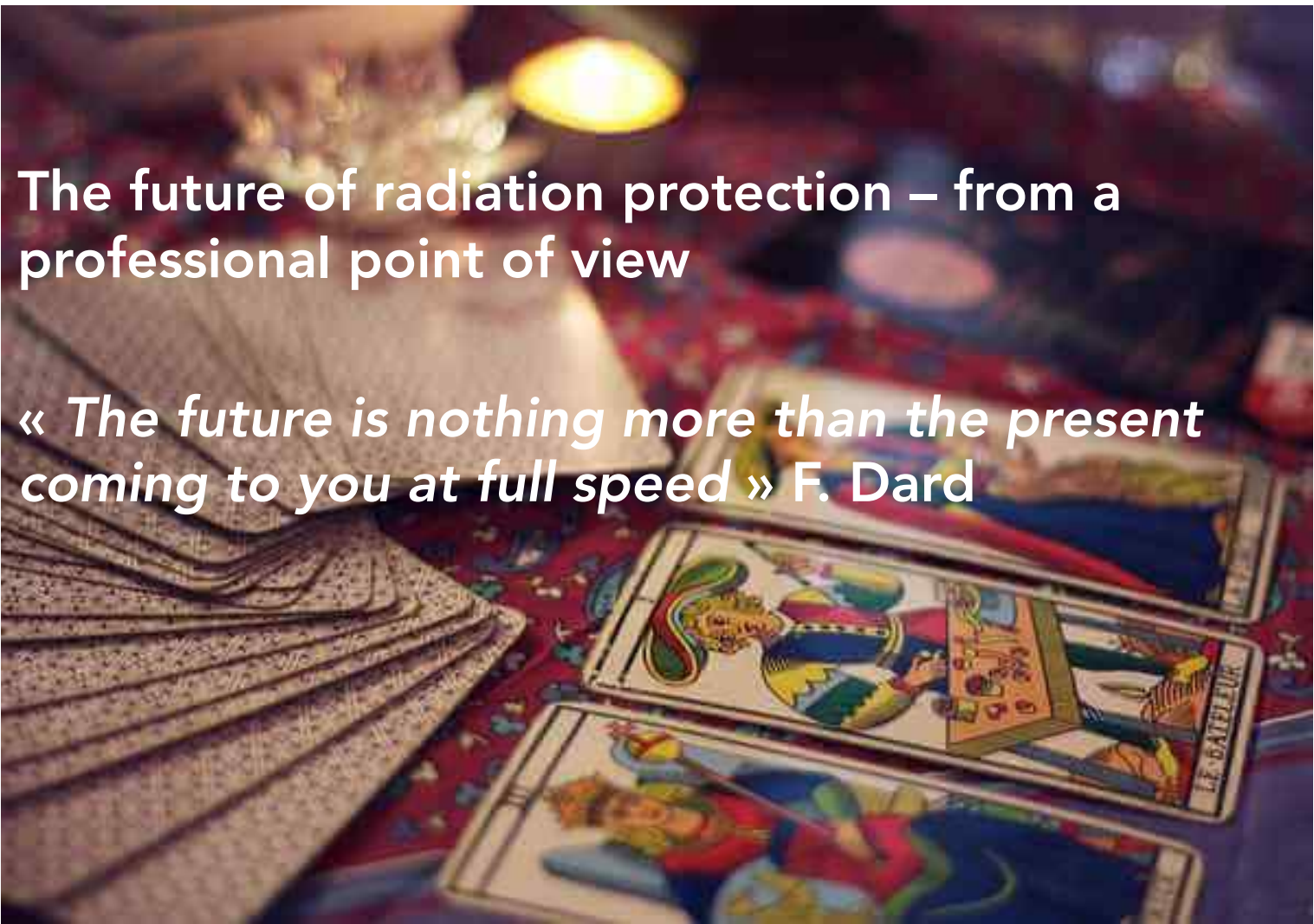
Working groups topics

- Are there **specific challenges** in the ALARA process that may be solved by innovative "ALARA Tools" (under development or to be developed)?
- Are there **specific issues** which may limit the development and/or the use of innovative "ALARA Tools" (technical, legislative, ethical etc.)? How to deal with these issues?
- What is the **role of the radiation protection professionals** (RPEs/MPEs/RPOs, ...) with respect to these tools?
- There is currently a lot of focus on research and innovation in areas beyond that of traditional RP research, notably "**artificial intelligence**". Does IA have the potential to shape the ALARA process in the next year?

To be continued

- Programme is under development
 - **Contributions are very welcome!**
- Workshop is hosted by the Greek Atomic Energy Commission (EEAE) at the Congress Center "Demokritos", Athens
 - Budget and practical aspects are being taken care of by EEAE
- Options for the schedule
 - Option 1 (current): reduced AB+SG and EAN Strategic Agenda Meeting 25 Nov. and EAN WS from 27-29 Nov. (PODIUM WS is 26 Nov.)
 - Option 2: EAN WS from 27-28 (noon) Nov. and reduced AB+SG (can also take place the eve) and Strategic Agenda 28 Nov. afternoon.
 - Option 3: EAN WS from 27-29 (noon) Nov. and reduced AB+SG (can also take place the eve) and Strategic Agenda 29 Nov. afternoon

BRAINSTORMING



The future of radiation protection – from a professional point of view

« The future is nothing more than the present coming to you at full speed » F. Dard

BRAINSTORMING

- **Context**
 - Radiation protection as a profession: concerns and changes in the profession (notably since Fukushima accident)
 - SFRP-IRPA workshops on *the reasonableness in the practical implementation of the ALARA principle*
 - Position paper *The Future of Radiological Protection, a position paper from the German-Swiss Association for RP* (Strahlenschutz Praxis, **4**, 2018)
 - Reflections also initiated at IRPA level (e.g. topical session at IRPA-15)
 - Next EAN Strategic Agenda
- **Propositions**
 - Complete a Strengths / Weaknesses / Opportunities / Threats matrix
 - *"a tool for identifying external and internal support and to combat internal and external opposition"* (cf. Wikipedia)
 - N.B. recognizing some elements will be country-specific
 - + Open discussions
 - What is most at stake and what could be done (and by who?) ?
 - Outputs: a position paper?

BRAINSTORMING

	STRENGHT	WEAKNESSES
internal	Human / physical / Financial resources, Foundations of the job, Activities and innovation, Attractivity for the young generation, Communication and understanding, ...	
	OPPORTUNITIES	THREAT
external	Financial - local, national and international - and funding Demographics, Legislation and regulation, Perception – public, young generation, journalist, politics,	