



**STEERING GROUP MEETING**  
**December 14<sup>th</sup>, 2018 – CEPN, Fontenay-aux-Roses, France**

**Meeting Minutes**  
**(CRR/EAN/SG/45)**

**Final version**

**January 2019**

### **Participants:**

|                     |                           |                               |
|---------------------|---------------------------|-------------------------------|
| ANDRESZ Sylvain     | CEPN                      | France                        |
| ALLISY Penelope     | EFOMP ( <i>observer</i> ) | United Kingdom                |
| CROÜAIL Pascal      | CEPN                      | France, EAN Vice-chairman     |
| NUCCETELLI Cristina | ISS                       | Italy                         |
| MORGAN Julie        | PHE                       | United Kingdom, EAN Secretary |
| STRITT Nicolas      | SFOPH                     | Switzerland, EAN Treasurer    |
| VERMEERSCH Fernand  | SCK•CEN                   | Belgium, EAN Chairman         |

### **Apologies for absence:**

|                          |                          |                |
|--------------------------|--------------------------|----------------|
| ECONOMIDES Sotirios      | EEAE                     | Greece         |
| HEFNER Alfred            | Seibersdorf Laboratories | Austria        |
| KROPACEK Jan             | SUJB                     | Czech Republic |
| LARSSON Camilla          | SSM                      | Sweden         |
| LIVOLSI Paul             | CEA/INSTN                | France         |
| MULAS-PEREZ Arturo       | CSN                      | Spain          |
| NOVAKOVIC Mladen         | EKOTEH                   | Croatia        |
| SCHMITT HANNIG Annemarie | BfS                      | Germany        |
| SYNNOTT Hugh             | EPA                      | Ireland        |
| ZONTAR Dejan             | SRPA                     | Slovenia       |

### **Distribution:**

- Members of the EAN Steering Group,
- IAEA and observers,
- EFOMP and EUTERP contact persons.

The documents distributed and discussed during the meeting (see list in Annex A) are available in the private area of the EAN website

< [www.eu-alara.net](http://www.eu-alara.net) >

Activities / EAN Documents and Publication / Steering Group meeting

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## 1. DISCUSSION ON FINANCIAL ASPECTS

Information on the 2018 accounts (as of December 13<sup>th</sup> 2018) and 2019 provisional budget can be found in the minutes of the Administrative Board meeting (CRR/EAN/AB/29). The summary of this information can also be found in a keynote prepared by N. Stritt [[Annexe n°1](#)].

The next parts of the documents follow the agenda [[Annexe n°2](#)].

## 2. PODIUM PROJECT AND EAN WORKSHOP 19

Mr. Filip Vanhavere from SCK•CEN was invited by F. Vermeersch to present the context and status of the PODIUM Project<sup>1</sup>. The PODIUM's Work Package 6 proposes a workshop “*for the dissemination of the results and their applications to ALARA*” and PODIUM contacted EAN with regard to this intent. A kick-off document has been drafted in October 2018 and presented to the Member [[Annexe n°3](#)]. The document introduces the objectives of a joint PODIUM-EAN workshop and offers a very provisional programme.

The discussions led to the following decisions:

- The workshops will take place in Athens, Greece (exact location under investigation by GAEC);
- There will be two back-to-back workshops:
  - 26<sup>th</sup> November 2019: PODIUM workshop;
  - 27-29<sup>th</sup> November 2019 (2.5 days) : EAN workshop “Innovative ALARA Tools”; presenting several of PODIUM's outputs.
- Programme Committee: F. Vermeersch, C. Nuccetelli, S. Economides, P. Croûail, S. Andresz for EAN and E. Carinou and Z. Thrapsanioti (EEAE, Greece) representing the PODIUM project. Other participants are welcome.
- Leader of the organization is GAEC;
- Programme Committee 1<sup>st</sup> meeting: in January 2019 with the aim to send the 1<sup>st</sup> announcement in February 2019.

## 3. TOPICAL PRESENTATIONS

### 3.1. Survey on the regulatory framework governing the management of radioactive liquids

J. Gilchrist presented the results of the survey initiated by Public Health England (PHE) on the experience of countries with the management and regulation of liquid waste disposals [[Annexe n°4](#)]. The survey was sent out via ERPAN, OSPAR, ENA etc. and was quite successful with 20 answers. The synthesis of the survey is being drafted by PHE and will be sent to the respondents and other interested parties. It could also be published in the EAN Newsletter.

### 3.2. Discussion on the “graded approach” for the management of exposure at workplaces (following EAN-ERPAN Brainstorming)

N. Stritt and S. Andresz summarised to the Members the initial elements coming from the EAN and ERPAN brainstorming meeting on the implementation of the ‘graded approach’ for the management of exposure at workplace (the introduction to the meeting is given here [Annexe n°5](#)). A synthesis of the discussion is being drafted (S. Andresz) and will be sent to the participants. The other participants

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<sup>1</sup> PODIUM stands for “Personal Online DosImetry Using computational Methods” is a research project to improve occupational dosimetry by the development of an online dosimetry application based on computer simulations, which will calculate/evaluate the occupational doses, without the use of physical dosimeters. In practice, the operational radiation protection quantities are assessed based on the use of modern technology such as personal tracking systems, flexible individualized phantoms and scanning of geometry set-up. When combined with simulation codes, it performs personal dosimetry in real-time.

of the brainstorming session agreed that interesting elements were put forward and more can be done. The possibility to initiate a survey has been discussed.

Furthermore, the concept of a brainstorming meeting (keynote + discussion) has been welcomed by the participants and will be re-iterated for the next meeting (cf. [section 8](#)).

### **3.3. ERPAN**

The ERPAN representatives met on the eve of the EAN meeting (for the first time at CEPN). The agenda of the meeting was as follows:

- Surveys ran in 2018:
  - Screening of animals (Ireland);
  - Liquid waste (UK);
- IRRS Follow-Up Mission (Belgium);
- Specific presentations on incidents:
  - Air transport incident (Switzerland – Belgium);
  - Jewellery with Norm material (Switzerland).

## **4. IMPLEMENTATION OF EAN STRATEGIC AGENDA 2015-2020**

### **4.1. Update on EAN Workshop 18<sup>th</sup>: “ALARA in Decommissioning and Site Remediation”**

The Programme Committee meeting of the workshop met in the morning, prior to the EAN Meeting. and S. Andresz presented the recent developments. The programme is under construction and local organisation is underway. A registration website has been set-up and should be advertised by the Members:

<https://reg.planetreg.com/EANworkshop18>

### **4.2. Newsletter**

S. Andresz presented the content of the recently published EAN Newsletter issue 41

<https://www.eu-alara.net/images/stories/Newsletters/Newsletter41/ALARA-Newsletter-41.pdf>

The quality of the content and the layout of the newsletter have been highlighted by several feedback received by the Editorial Board.

#### **Next issues content:**

- Issue 42 will give a focus to decommissioning by publishing the very first Conclusions and Recommendations from EAN workshop 18 and also several articles from the workshop’s speakers.
- PODIUM representatives will also be invited to publish in issue 42 (as a teaser for the PODIUM – EAN workshop) (S. Andresz, F. Vermeersch).
- Issues 43 and later. A follow-up of the Swiss radium action plan (N. Stritt) and/or radon mitigation action in France (S. Biguenet, S. Andresz) can be added in the reserve of articles. The result of the PHE survey on radioactive liquid (cf. [section 3.1](#)) can also be published.

P. Croûail has been contacted by *Radioprotection* Editorial Team who is willing to send to the EAN “rough” articles that can be pre-published in the EAN Newsletter (without DOI); the “full” articles will be later published in *Radioprotection* (this process will help increase the visibility of the this journal).

#### **Next issues format:**

- Hyperlink joining the table of contents and the corresponding articles will be added in the Newsletter.
- A generic apology to recipients receiving the Newsletter several times (e.g. several distribution list) will be added in the e-mail.

### **4.3. ALARA Book**

The writing of the ALARA Book is (almost) finished and the document have been reviewed by J. Gilchrist and P. Allisy-Robert. Two reviewed versions exist for the moment and need to be mutualized and consolidated (P. Allisy-Robert). Some elements still need to be written (F. Vermeersch, C. Schieber) and external comments considered (S. Andresz).

During the summer, S. Andresz has investigated several ways to publish the ALARA Book. Two options remain:

- via IoP Publishing (samples chapters are being assessed by IoP and EAN is waiting for the decision);
- or editing without intermediary and publication on the EAN website. An ISSN number can be obtained.
- Publication on the web site in a non-printable form was also suggested. Downloading a printable and editing version (as a whole or chapter by chapter) could then be done after payment.

## **5. INFORMATION AND DISCUSSIONS ON OTHER NETWORKS DEALING WITH ALARA**

### **5.1. African ALARA Network**

Two African ALARA Networks (AFAN) have been created in 2018 with the support of IAEA. Representatives of AFAN met at the AFRIRPA congress at Tunis in September and notably a meeting on the implementation of the ALARA principle was held.

The official launch of AFAN has been announced in EAN Newsletter 41 and this was the opportunity to initiate contact. AFAN representatives will be invited to participate to the next EAN workshop (S. Andresz, F. Vermeersch).

### **5.2. ARAN and REPROLAM**

S. Andresz contacted IAEA (M. Jizeng, B. Okyar) and it seems that these networks show “*no real activity for a long time and nobody has any intention to reactivate*”.

### **5.3. European NORM Association**

C. Nuccetelli presented the feedback of the first European NORM Association (fusion of EAN<sub>NORM</sub>, EU NORM and NORM4Building) workshop that took place in Katowice, Poland in November [Annexe n°6]. The workshop attendance was quite successful with a large number of parties represented. The elevated participation of representatives from the industrial sector in the NORM workshop should be highlighted.

The presentations of the workshop are available at:

[https://drive.google.com/open?id=1kfzQAclIVtDXsuOrgfPZXjnO\\_PtKnsI](https://drive.google.com/open?id=1kfzQAclIVtDXsuOrgfPZXjnO_PtKnsI)

## **6. INTERACTIONS WITH OTHER ORGANIZATIONS**

**ICRP Special Liaison Organization.** – F. Vermeersch sent to ICRP a contribution by email for the Meeting of Senior Representatives of organisations in formal relation that took place in Stockholm, Sweden in October 2018. F. Vermeersch also send the summary of this meeting [Annexe n°6].

**SFRP/IRPA workshop.** The 2<sup>nd</sup> SFRP/IRPA workshop on the search for ‘reasonableness’ in the application of ALARA took place in Paris, France in October 2018. F. Vermeersch and S. Andresz provided feedback from this meeting (a synthesis is also published in the EAN Newsletter). Globally the conclusions of the 1<sup>st</sup> workshop remain valid.

## **7. MID-TERM EVALUATION OF THE STRATEGIC AGENDA**

The Members evaluate the implementation of the objectives and associated actions of the EAN Strategic Agenda 2015-2020 (available at

<https://www.eu-alara.net/index.php/presentation/ean-strategic-plan.html>

- *Objective 1: Focus the work of EAN on key ALARA issues:* Status judged OK;
- *Objective 2: Increase stakeholder involvement:* to be improved (increasing the membership to EAN is a challenge as well as contact with some stakeholders).
- *Objective 3: Involvement of the younger generation in the Network:* not done. A specific gathering for the young generation is planned for the next EAN meeting (cf. [section 8](#)).
- *Objective 4: Communication and visibility:* judged OK (but representation at national and international events can be improved).

Reflection on the drafting of the next Strategic Agenda will take place during a specific meeting (cf. [section 8](#)).

## 8. DATES OF NEXT MEETINGS

The organisation of the next meetings is a bit peculiar.

- **5<sup>th</sup> June 2018 at CEPN, Fontenay-aux-Roses.**
  - EAN AB and SG meetings. A brainstorming meeting is planned on the topic of “The future of radiation protection”: what are the challenges faced by the young generation in radiation protection today and what will the sector look like in the future?
  - The Members are invited to identify a representative of the young generation (i.e. < 35-40 years old and/or < 10 years of experience in radiation protection) in their organization and invite him/her to provide a keynote. Objectives is 3-4 speakers, then open discussion.
- **25<sup>th</sup> November**, at Athens, Greece.  
AB and SG meetings, including the drafting of the EAN Strategic Agenda for the next period.
- **26<sup>th</sup>-29<sup>th</sup> November**, at Athens, Greece.  
PODIUM workshop and EAN workshop 19.

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## ANNEX A. LIST OF DOCUMENTS DISCUSSED DURING THE STEERING GROUP MEETING

1. *EAN Budget*, N. Stritt
2. Meeting agenda.
3. *19<sup>th</sup> EAN workshop, joint with PODIUM – Kick-off document*.
4. *Review of the UK's regulation framework governing the management of radioactive liquid*, document from Public Health England, J. Gilchrist.
5. *A brainstorming meeting on the implementation of the 'graded approach' for workplaces in the context of EU-BSS implementation*, introductory document, S. Andresz.
6. *Summary of the 2018 meeting of Senior Representatives of Organisation in formal relations with ICRP*, F. Vermeersch.
7. *Feedback from 1<sup>st</sup> ENA Workshop & IAEA NORM Technical Meeting*, C. Nucetelli.