The European ALARA Network
19th workshop on Innovative Tools
in collaboration with PODIUM

welcome

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Chairman of the EAN

http://www.eu-alara.net/
History and Evolution

- **1996**
  - cooperation of experts from various European organisations mediated by the European ALARA training course
    - European Support from 1996 to 2004
    - EC support to three workshops
    - Enthusiast individuals, supported by their institutions
- **Evolution to a self supporting network**
- **2005**
  - EAN a legal entity, non-profit organisation under French law
    - Coordination CEPN, HPA and a group of European experts
    - EAN Administrative board (financial)
      - Chairman, vice-chairman, treasurer, secretary
    - EAN steering group (activities)
- **EAN in 2016-2019:**
  - 18 Members (organizations) in Europe
    - + working groups
    - + active sub-networks (ERPAN, EAN_{NORM}, ...)
    - + in relation with other organisations ... Including ICRP!
EAN objectives

• Objectives are to promote implementation of ALARA in all Exposure Situations and provide mechanism for exchange/dissemination of ALARA (notably through workshops)

• First
  – ALARA in industry and research
    • Industry ➔ non NPP (ISOE for NPP)

• Later
  – ALARA in the medical field
  – ALARA in NORM-industry

• Now
  – All exposure situations with the focus on optimisation
ALARA Network objectives

• Promote a wider and more uniform implementation of the ALARA principle for the management of worker, public and patient exposures in all situations,

• Provide a focus and a mechanism for the exchange and dissemination of information from practical ALARA experiences

• Identify and investigate topical issues of common interest to further improve the implementation of ALARA
EAN participation

- Voluntary cooperation
- Broad range of experts
  - radiation protection authorities and safety authorities
  - industrial companies and services
  - research institutions
  - hospitals
  - ....
- Evolution from 8 to 20 countries since 1996
- Financial support through contributions from different institutions, companies, regulatory authorities, ...organised per country (a representative or contact person per country)
EAN Activities and outputs

- EAN Workshops
- Support to European Surveys
- EAN subnetworks
- ALARA Newsletter
- EAN Website
EAN has organized 18 workshops since 1996

- **Industry and research**
  - Good radiation practices in industry and research, Oxford, 1998
  - Managing internal exposure, Munich, 1999
  - Management of occupational radiological and non-radiological risks: lessons to be learned, Antwerp, 2000
  - Occupational radiological protection control through inspection and self-assessment, Upsalla, 2004
- **Medical**
  - Occupational exposure optimisation in the medical and radio-pharmaceutical sectors, Madrid, 2002
  - ALARA and the medical sector, Oscarborg, 2011
- **NDT**
  - Industrial radiography, improvements in radiation protection, Rome, 2001
  - ALARA and decommissioning Saclay 1997
  - Decommissioning and site remediation, Arnhem, 2003
  - Workshop n°18 on Site Clean Up and Decommissioning, March 2019
- **decommissioning**
  - Occupational exposure to natural radiation, Augsburg, 2005
  - ALARA in existing exposures situations, Dublin, 2012
  - Possible subject on evolution in the NORM industry
- **Existing**
  - ALARA issues arising for safety and security of radiation sources and security screening devices, Vienna, 2009
- **Emergency**
  - ALARA in accident and post accident situation Lisbon 2017
A practical guide book

Finalisation of the book
A last review by the members of EAN is in progress
Publication as a downloadable pdf file
EAN is also ...

- A bi-annual newsletter, widely distributed :
- A new logo, that match with our objectives
- A new website

http://www.eu-alara.net/
19th European ALARA Network Workshop on Innovative ALARA Tools

EAN & PODIUM

Explore how innovative tools can support the practical application of ALARA

http://www.eu-alar.net/
Thank you
Enjoy the Workshop