

# **The European ALARA Network 19<sup>th</sup> workshop on Innovative Tools in collaboration with PODIUM**

**welcome**

Fernand Vermeersch  
Chairman of the EAN

# 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<sub>NORM</sub>, ...)
    - + 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

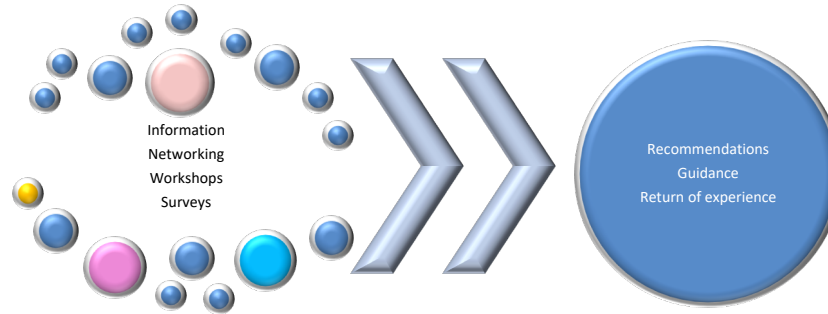
# ALARA Network objectives

- 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

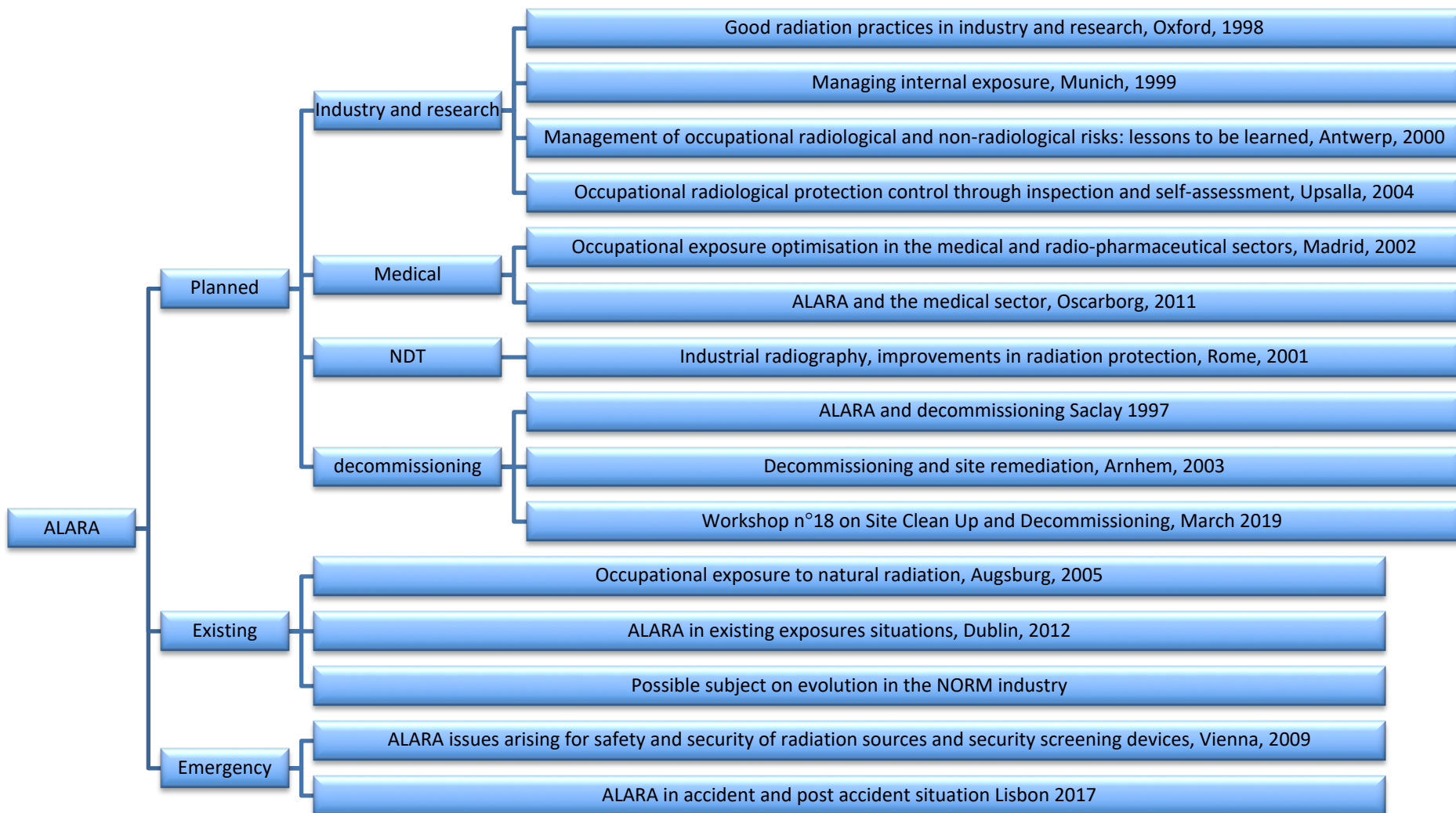


Input

output

- EAN Workshops
- Support to European Surveys
- EAN subnetworks
- ALARA Newsletter
- EAN Website

# EAN has organized **18** workshops since 1996

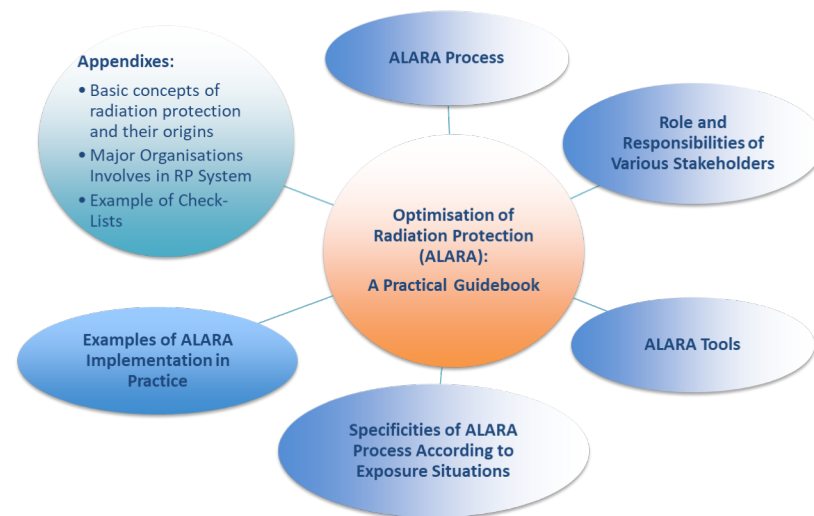
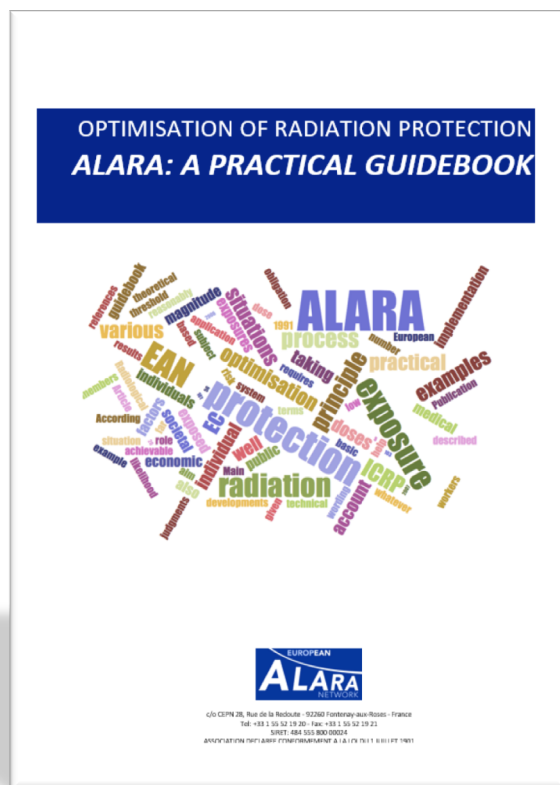


# A practical guide book

## Finalisation of the book

A last review by the members of EAN is in progress

Publication as a downloadable pdf file



## TARGET AUDIENCE

- Competent authorities
- Manufacturers, suppliers and designers
- Licensees
- Radiation protection professionals
- Professional associations
- Exposed workers
- Public
- Patients



## EAN is also ...

- A bi-annual newsletter, widely distributed :



- A new logo, that match with our objectives
- A new website

# 19<sup>th</sup> EAN workshop



Explore how innovative  
tools can support the  
practical application of  
ALARA

19th European ALARA Network Workshop  
on Innovative ALARA Tools  
EAN & PODIUM

Thank you  
Enjoy the Workshop