

The European ALARA Network

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Chairman of the EAN

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

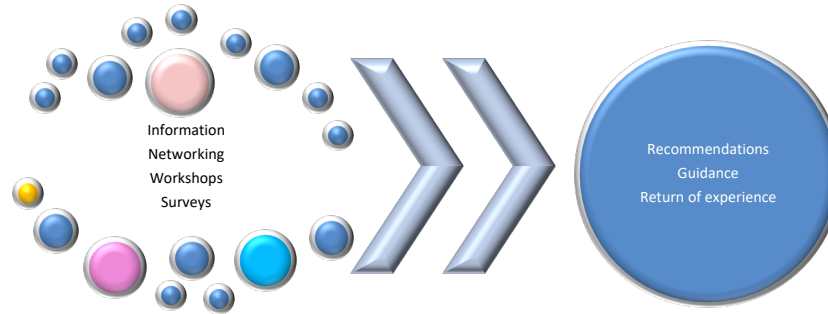
History and Evolution

- 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 ...
 - Organisation in formal relation with ICRP !
- EAN now 20 member (organisations)

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

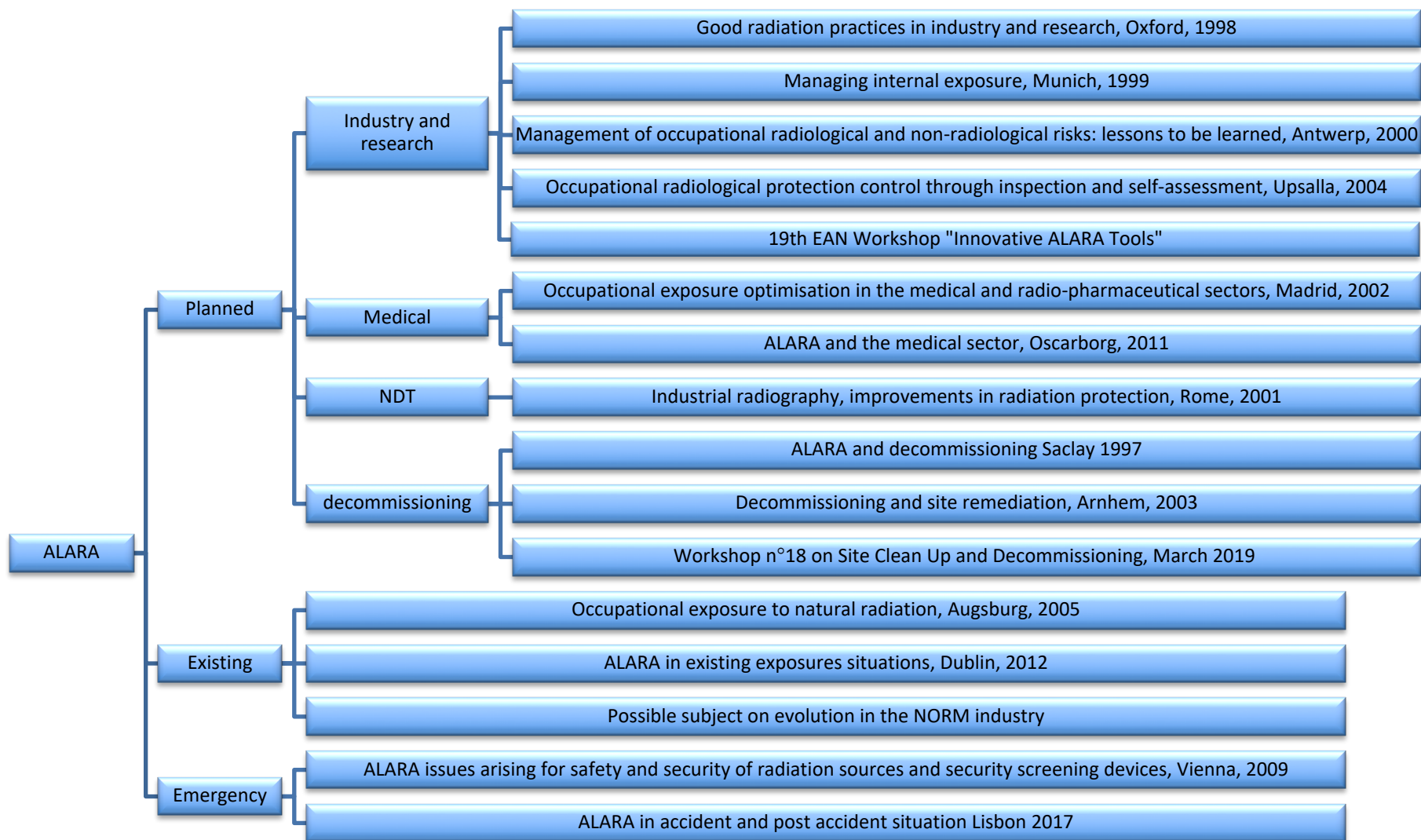


Input

output

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

EAN has organized **19** workshops since 1996

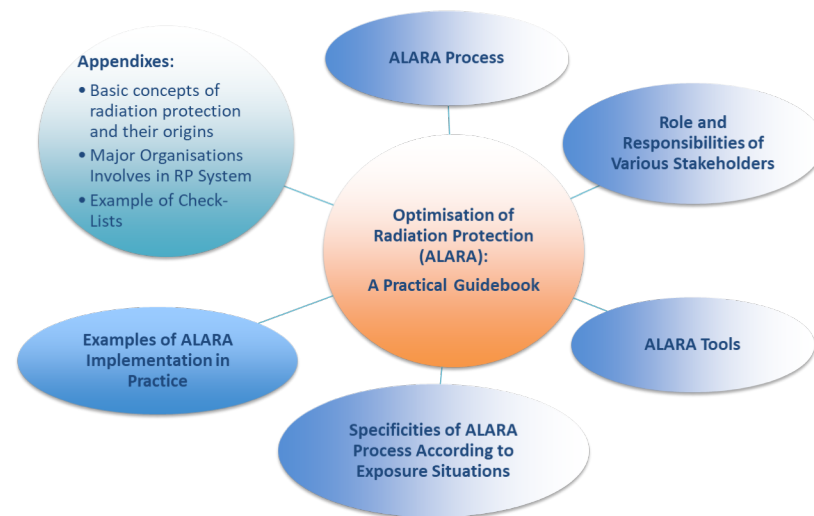
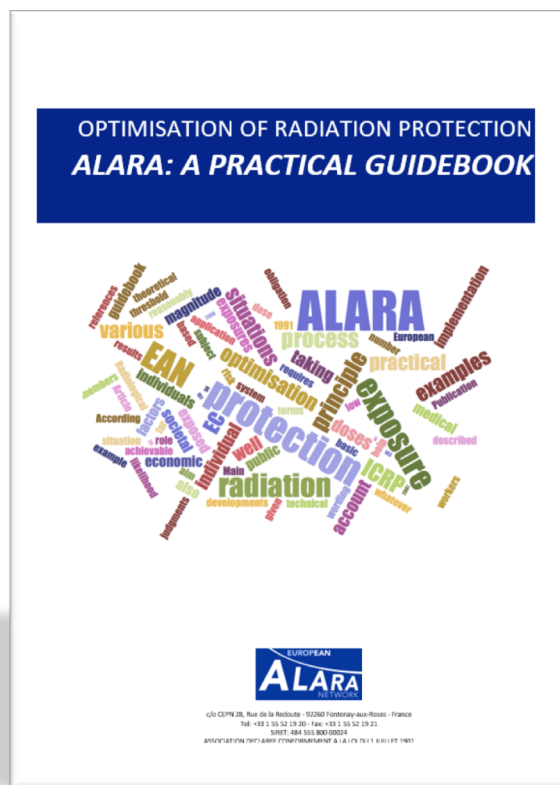


A practical guide book

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

Strategic agenda



25th Anniversary

Strategic agenda 2021-2026

New challenges

- Medical sector
 - important improvements have been identified
 - ALARA needs to keep pace with recent developments in the use of new imaging techniques and radiopharmaceuticals.

- Nuclear installations
 - ageing of existing installations, decommissioning
 - New nuclear installations (nuclear power plants, nuclear waste disposal, isotope production facilities, research reactors, new reactor designs, etc.) are under development or will be developed in the near future.
 - Both need knowledge and skills from the radiation protection community to implement the ALARA principle in all life stages of a nuclear installation. This requires an ongoing focus on maintaining and expanding skills and competencies, through radiation protection and ALARA education and training.

New challenges

- Existing exposure situations
 - applying the ALARA principle in the prevailing circumstances is still challenging
- Harmonization of practices by promoting the sharing of experience

Key ALARA themes 2021-2026

- Strategic agenda for 2021-2026.
 - Medical field
 - interventional radiology
 - new imaging techniques
 - the production and safe use of new radiopharmaceuticals, with special attention to exposure situations involving alpha exposure.
 - Nuclear industry, research and the medical field EAN
 - further harmonization of practices in the implementation of the ALARA principle.
 - maintaining and further developing knowledge and skills in these fields.

The tools

- The key ALARA themes will be developed through the organisation of workshops, discussions in working groups and networking with different organisations and projects to explore subjects of common interest.
- EAN also puts forward an open invitation for other countries (organisations) to join the network to further promote a wider and more uniform implementation of the ALARA principle and exchange and disseminate of information from practical ALARA experiences

Thank you