



The European ALARA 21st workshop on Optimization of the transport of radioactive material

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Chairman of the EAN

<http://www.eu-alara.net/>

Optimization of the transport of
radioactive material, 23rd-25th April 2025,
NRG Petten, The Netherlands

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 members since 1996
- Financial support through contributions from different institutions, companies, regulatory authorities, ...organised per country (a representative or contact person per country)

Current members



Austria



Belgium



Croatia



Czech



Denmark



Finland



France



Greece



Iceland



Ireland



Italy



The Netherlands



Norway



Portugal



Slovenia



Spain



Sweden



Switzerland

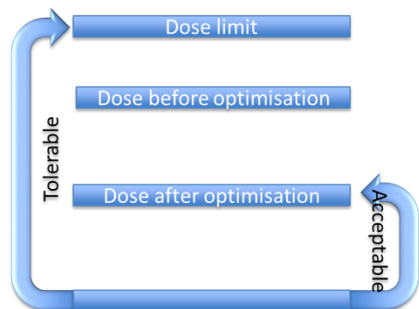
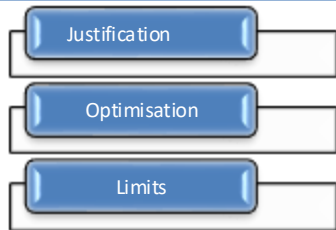


United Kingdom

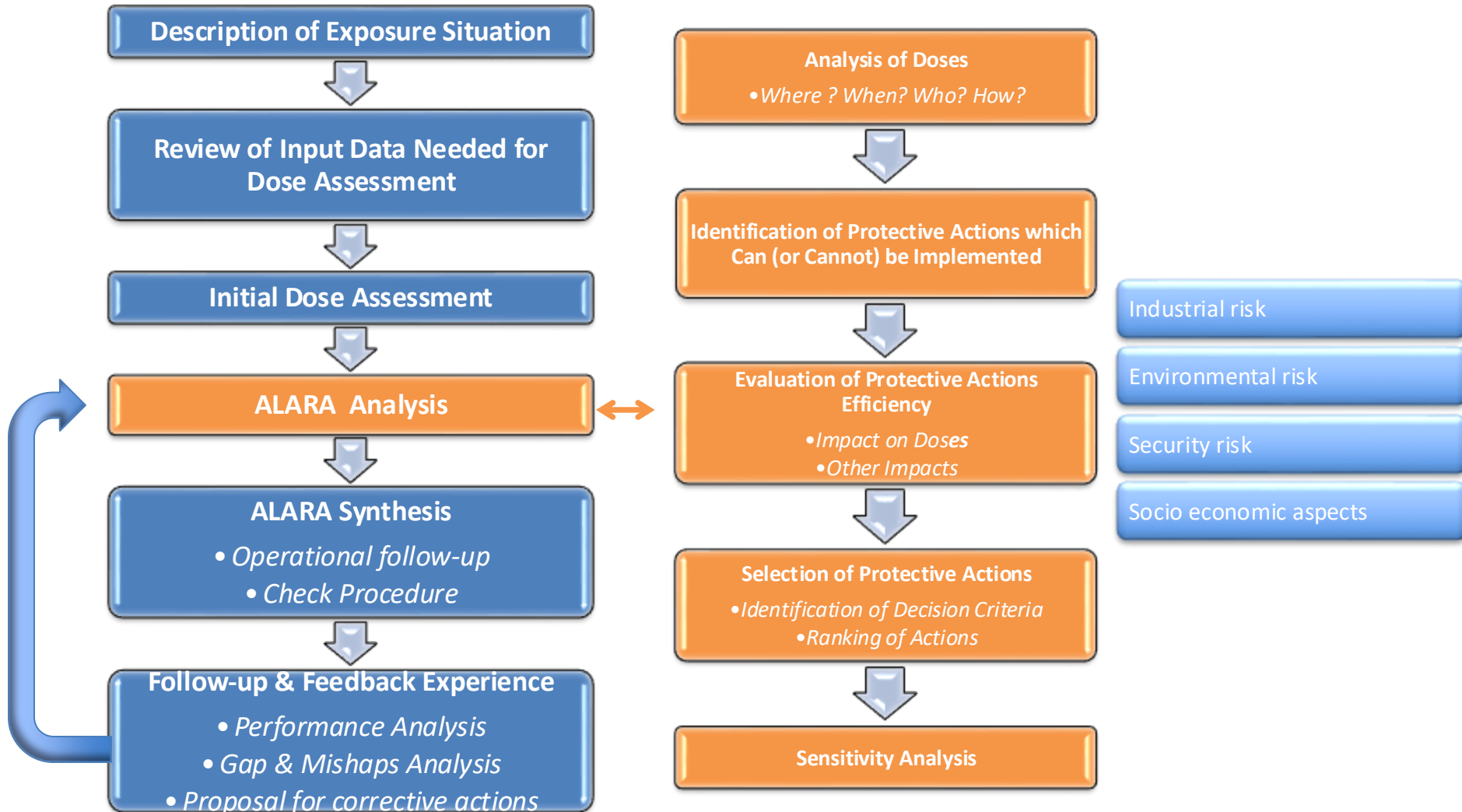


CERN

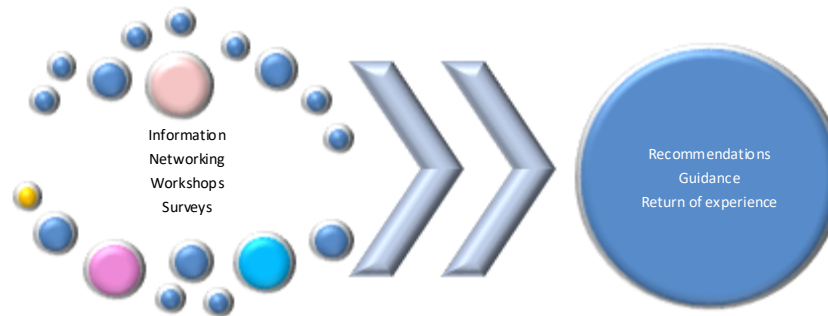
Acceptable level of risk



The ALARA PROCESS



EAN Activities and outputs



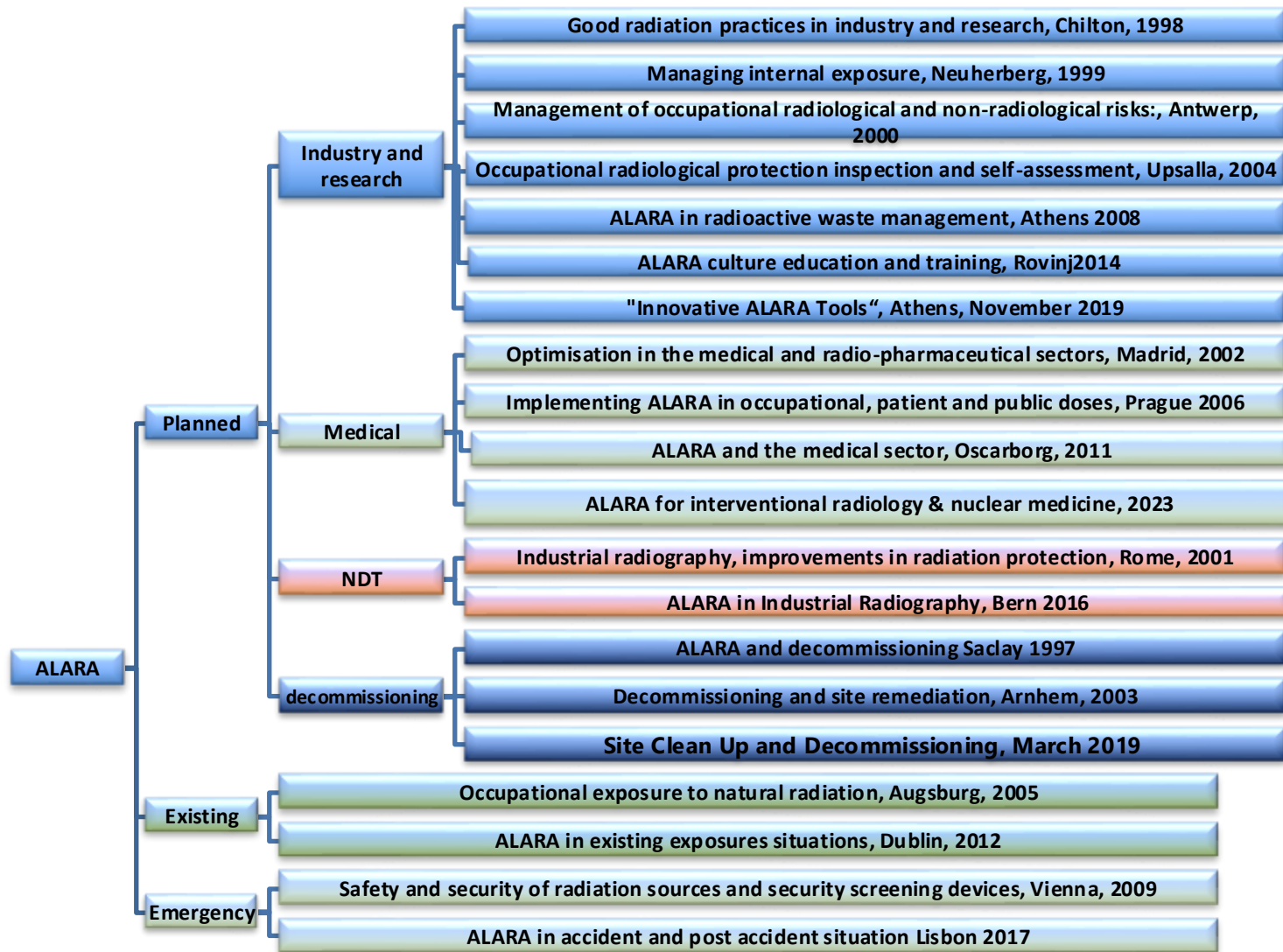
Input

output

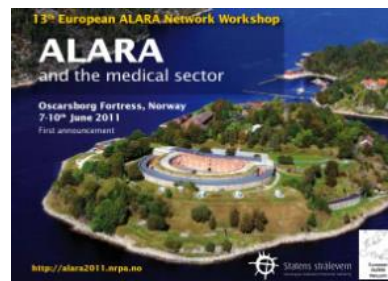
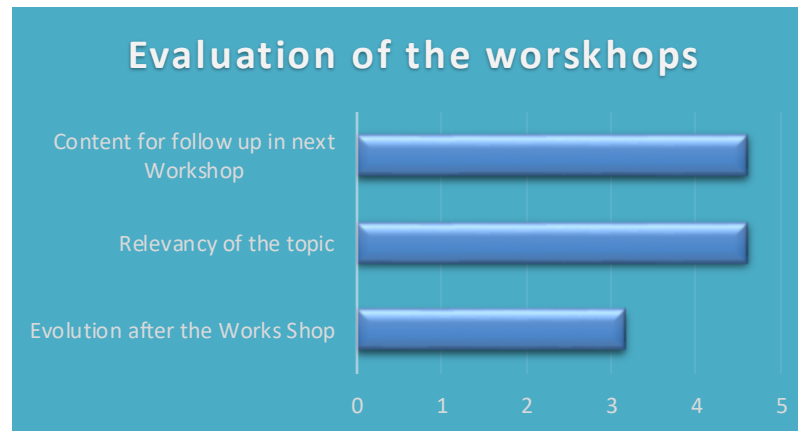
- EAN Workshops
- Support to European Surveys
- EAN subnetworks
- ALARA Newsletter
- EAN Website



EAN has organized **20** workshops since 1996



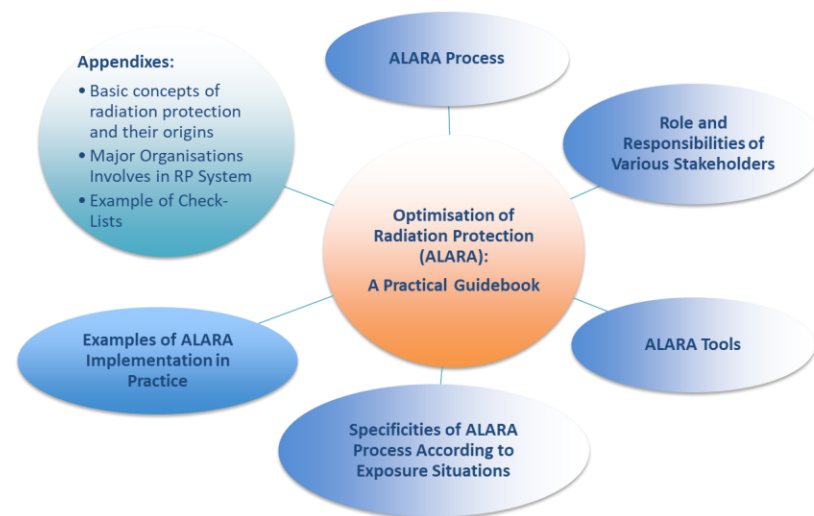
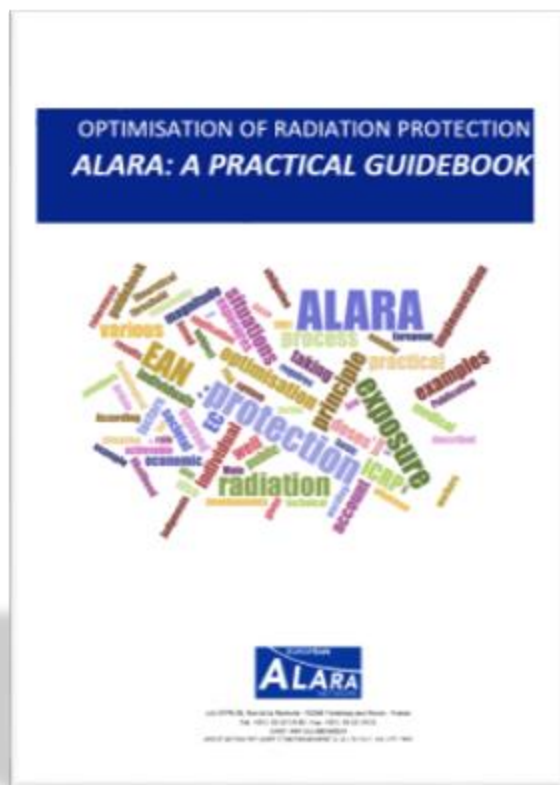
Evaluation of the workshops



A practical guide book

Finalisation of the book

Publication as a downloadable pdf file

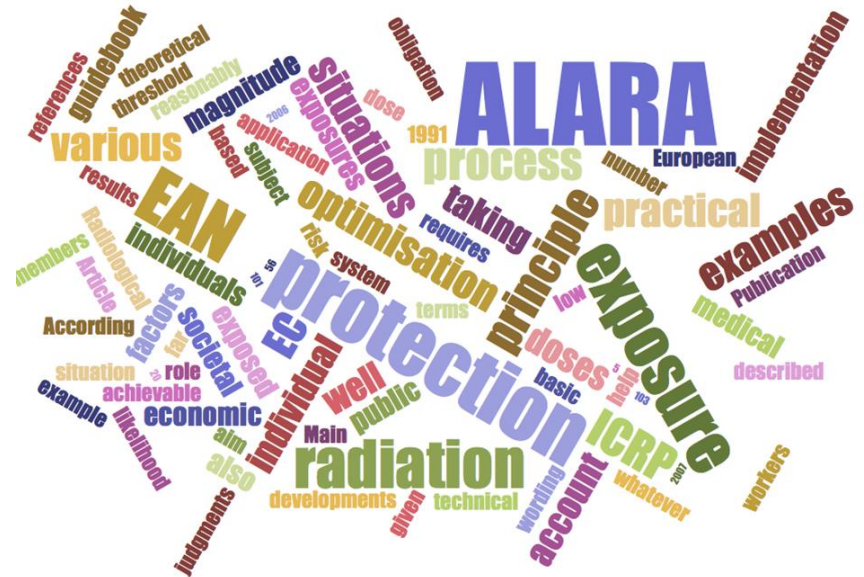


TARGET AUDIENCE

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

Optimization of the transport of radioactive material

- **Context**
 - “transport is a crucial moment: it’s when nuclear and radioactive materials are on the move, before being able to reach their destination reliably and on time” Mr. Grossi (Director General IAEA)
- **The 21st EAN workshop “Optimization of the transport of radioactive material”**
 - examine the current situation in Europe and elsewhere in the world
 - share experiences of improving the radiation protection culture in
 - set of recommendations on optimizing radiation protection in the field of transport.
- **Themes**
 - International standards, regulatory and methodological guidance
 - Case studies
 - Incident, accidents and emergency response
 - Transport of medical radiopharmaceutical sources
- **Feedback from the working groups**



Enjoy the workshop

www.eu-alara.net

Gaining interest in the
EAN and its activities?