

The European ALARA Network

Fernand Vermeersch
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)

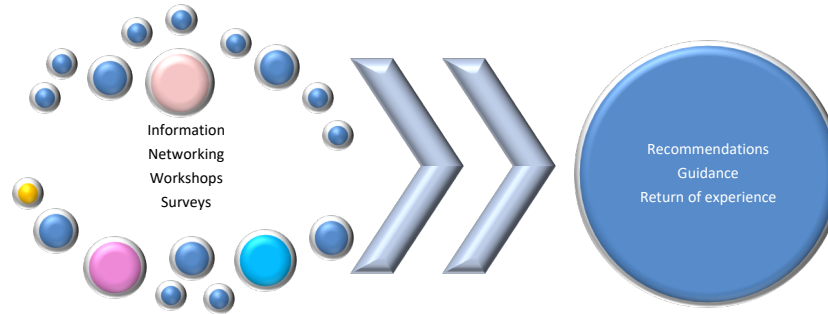
EAN participation

- Voluntary cooperation
- Broad range of experts
 - radiation protection authorities and safety authorities
 - industrial companies and services
 - research institutions
 - hospitals
 -
- Evolution from 8 to 19 countries 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, Franz KABRT		Belgium Fernand Vermeersch		Croatia Mladen NOVAKOVIC		Czech Jan KROPACEK
	Denmark Kresten BREDDAM		Finland Maaret LEHTINEN		France Paul LIVOLSI, Pascal Crouail, Sylvain Andrez		Germany Ulrike KULKA
	Greece Sotirios ECONOMIDES		Iceland Jónína Guðjónsdóttir		Ireland Hugh SYNNOTT		Italy Cristina NUCCETELLI
	The Netherlands Folkert DRAAISMA		Norway Malgorzata Sneve		Portugal		Slovenia Selma Fijuljanin
	Spain Arturo PEREZ MULAS		Sweden Petra HANSSON		Switzerland Nicolas STRITT		United Kingdom Julie Morgan
				CERN Stefan ROESLER			

EAN Activities and outputs



Input

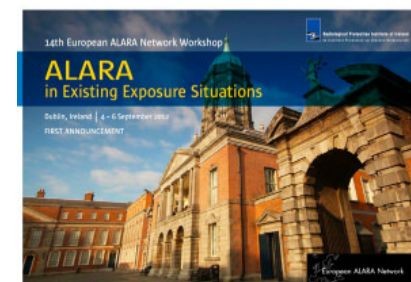
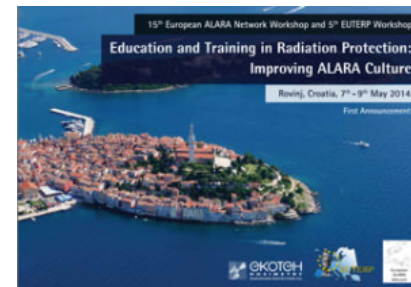
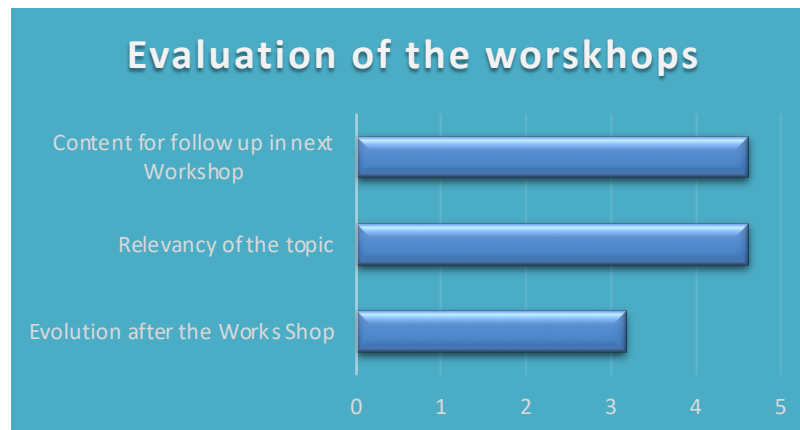
output

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

EAN has organized **19** workshops since 1996



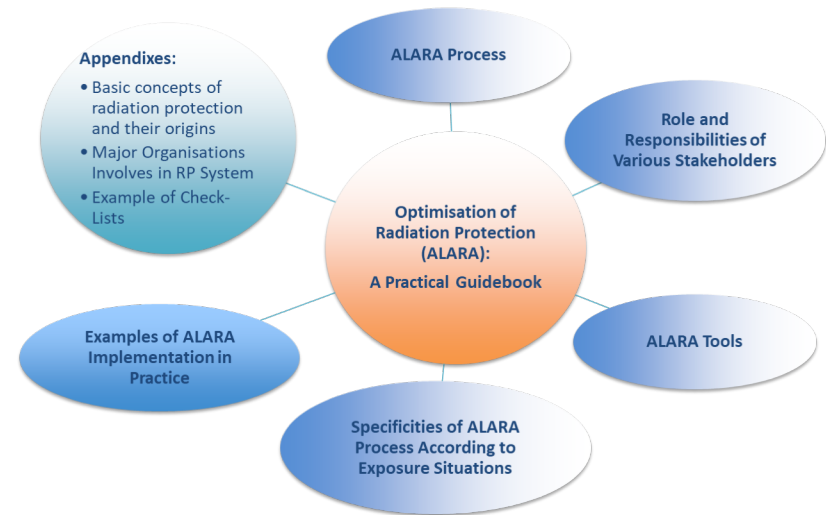
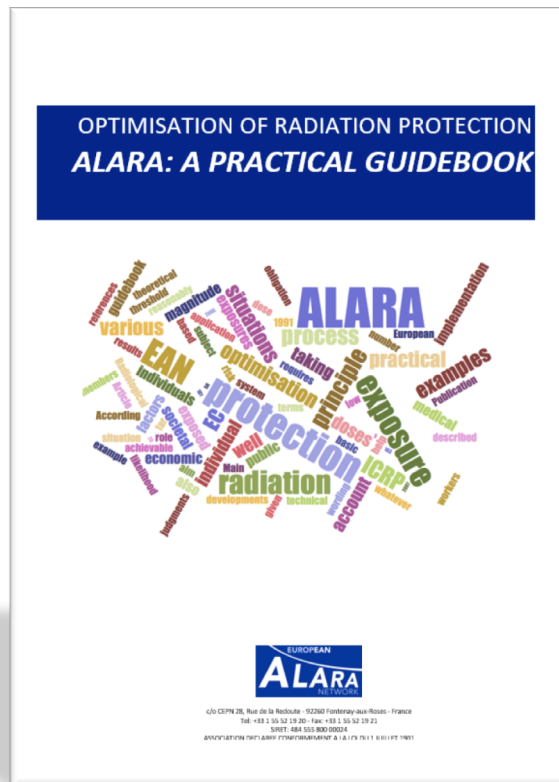
Evaluation of the workshops



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

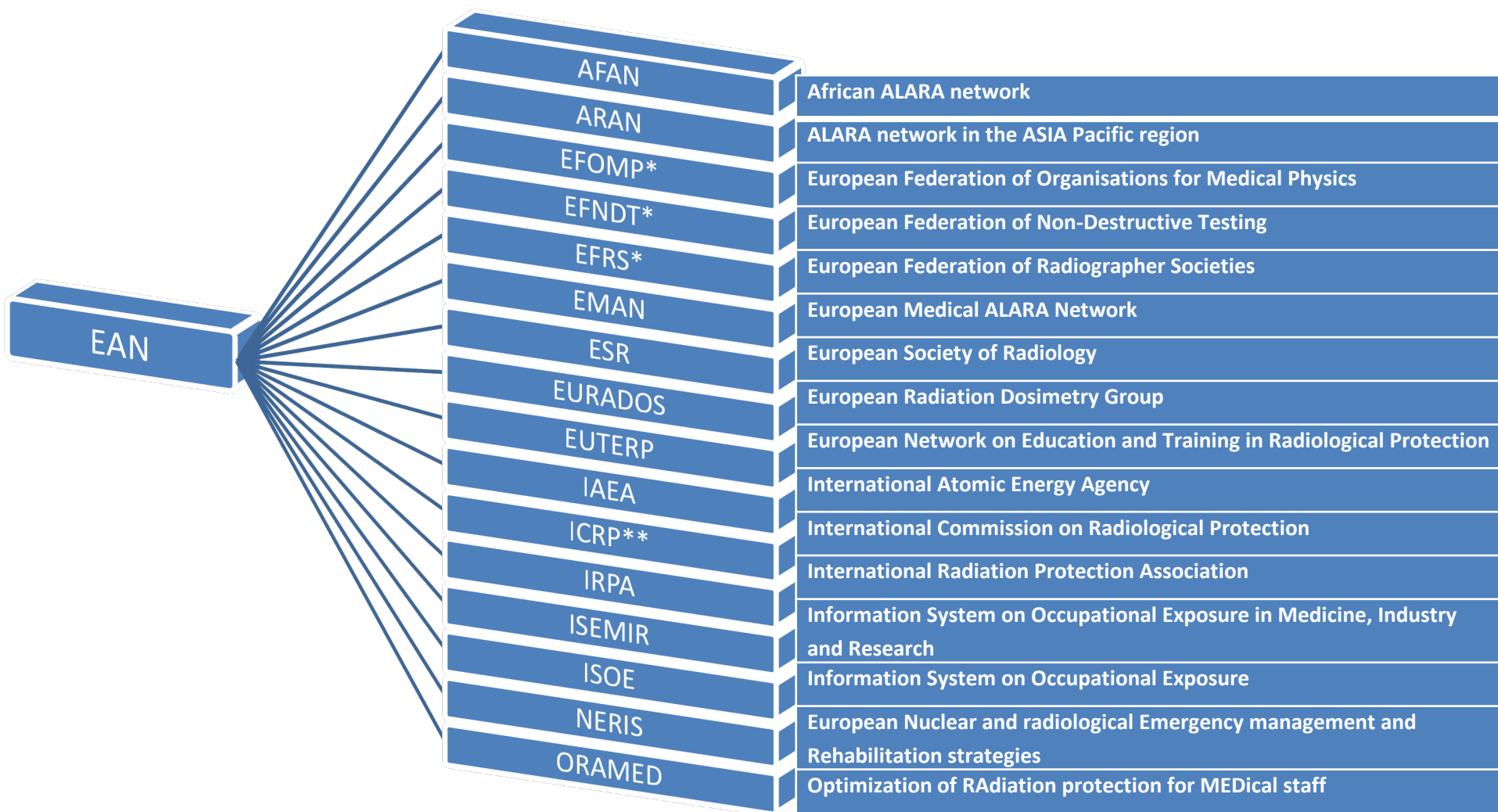
EAN is also ...

- A bi-annual newsletter, widely distributed :

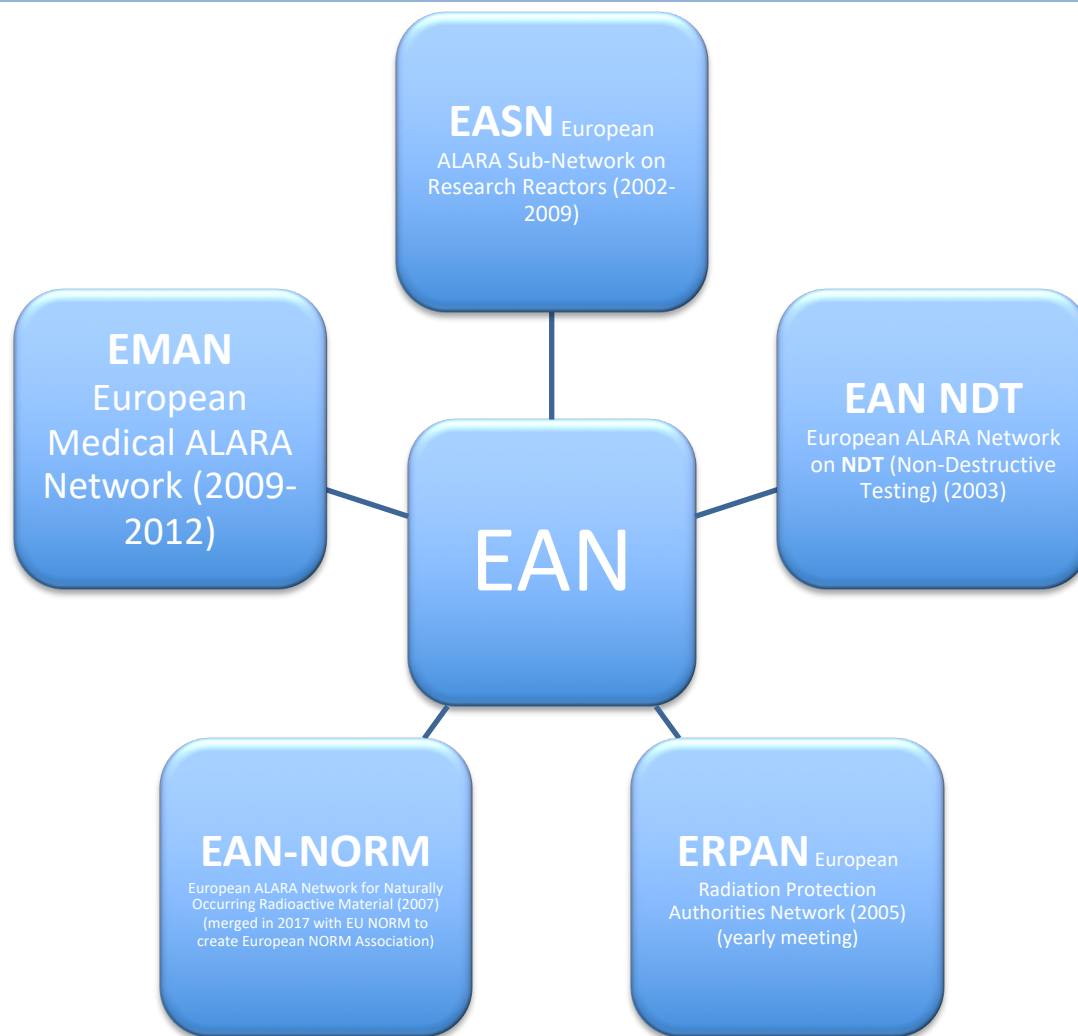


- A new logo, that match with our objectives
- A new website

Organizations or projects networking with EAN



subnetworks



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.

Invitation

- EAN also puts forward an open invitation for other countries (organizations) 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



Austria, Franz KABRT	Belgium Fernand Vermeersch	Croatia Mladen NOVAKOVIC	Czech Jan KROPACEK
Denmark Kresten BREDDAM	Finland Maaret LEHTINEN	France Paul LIVOLSI, Pascal Crouail, Sylvain Andresz	Germany Ulrike KULKA
Greece Sotirios ECONOMIDES	Iceland Jónína Guðjónsdóttir	Ireland Hugh SYNNOTT	Italy Cristina NUCCETELLI
The Netherlands Folkert DRAAISMA	Norway Malgorzata Sneve	Portugal	Spain Arturo PEREZ MULAS
Sweden Petra HANSSON	Switzerland Nicolas STRITT	CERN Stefan ROESLER	



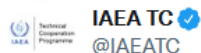
**Gaining interest in the EAN
and its activities?**

www.eu-alara.net

**And remember that EAN is an
open network!**

Thank you

← Thread



To ensure the protection of workers and the sustainability of workplace monitoring, in line with its GSR-Part 3 and GSG-7 safety standards, @iaeaorg provides guidance, offers review services, training and acts as a hub via #ORPNET for worldwide and regional #ALARA networks



11:04 AM · Jun 8, 2022 · Twitter Web App

Search Twitter

New to Twitter?

Sign up now to get your own personalized timeline!

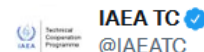


 Sign up with Apple

Sign up with phone or email

By signing up, you agree to the [Terms of Service](#) and [Privacy Policy](#), including [Cookie Use](#).

Relevant people



Follow

IAEA Technical Cooperation Programme: Nuclear S&T in health, food & agriculture, water, environment & safety. Please see @IAEAorg for updates on Ukraine.



IAEA - International...
@iaeaorg

Follow

IAEA is the 's centre for cooperation in the #nuclear field, promoting the safe, secure & peaceful use of nuclear technology. IAEA DC