

La rete europea ALARA e la ALARA culture

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European ALARA Network

The European ALARA Network was created in 1996 following a joint CEPN (Nuclear Protection Evaluation Centre, France) and NRPB (National Radiological Protection Board, UK) initiative. It has been partly funded by the EC research programmes between 1996 and 2004. From 2005, EAN has operated as a self-sustaining network of European participants. It exists as a legal entity under French law, and is co-ordinated by CEPN, and the Health Protection Agency (HPA, UK). From 8 representatives in 1996, the Steering Committee Group grew up to 21 in 2011.

EAN Members and Contact Persons (2012)

AUSTRIA: Seibersdorf Laboratories Mr. Alfred HEFNER	BELGIUM: SCK-CEN Mr. Fernand VERMEERSCH Chairman of EAN	CROATIA: EKOTEH Dosimetry Mr. Mladen NOVAKOVIĆ	CZECH REPUBLIC: SUJB Mr. Jan KROPACEK	DENMARK Mr. Kresten BREDDAM
FINLAND: STUK Mrs. Maaret LEHTINEN	FRANCE: ASN Mrs. Olivier GUZMAN	GERMANY: BfS Mrs. Annemarie SCHMITT-HANNIG	GREECE: GAEC Mr. Sotirios ECONOMIDES	ICELAND Mr. Gudlaugur EINARSSON
IRELAND: RPII Mr. Stephen FENNELL	ITALY: ISS Mrs. Serena RISICA	THE NETHERLANDS: NRG Mr. Cor TIMMERMANS	NORWAY: NRPA Mr. Gunnar SAXEBØL	PORTUGAL Mr. Fernando CARVALHO
SLOVENIA Mr. Dejan ZONTAR	SPAIN: CSN Mr. Arturo PEREZ MULAS	SWEDEN: SSM Mrs. Birgitta EKSTRÖM	SWITZERLAND: SFOPH Mr. Nicolas STRITT	UNITED KINGDOM: HPA Mr. Peter SHAW Secretary of EAN
Coordination: CEPN Mr. Pascal CROUAIL Vice-chairman of EAN				



EAN steering group (May 2012)

EAN Objectives

- PROMOTE** the practical implementation of the ALARA principle in the management of occupational, public and patient exposures to ionizing radiations
- CONTRIBUTE** to the definition, evolution and dissemination of ALARA different sectors, for workers and the public, and in all exposure situations
- IMPROVE** the practical implementation of ALARA through networking and co-operation between radiation protection specialists

EAN 2010-2015 Strategic Plan

Radiological protection is facing new challenges, especially regarding:

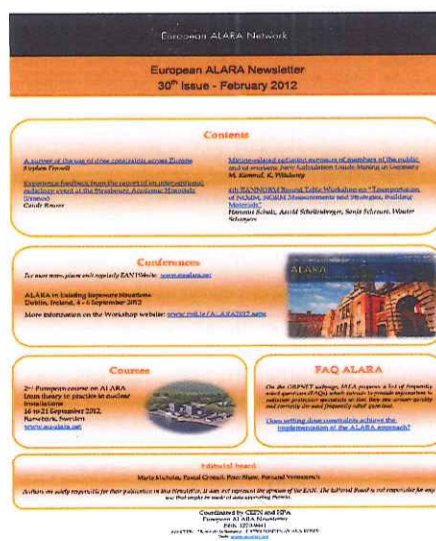
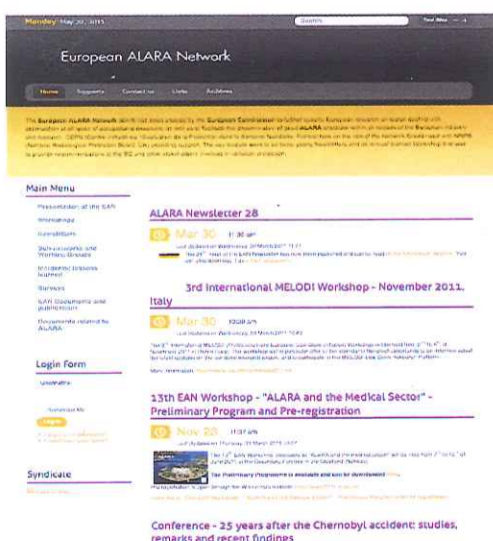
- The practical implementation of the recommendations of the ICRP Publication 103 (2007)
 - The development of management policies for emergency and existing exposure situations (e.g. radon, NORM, post accidental situations, etc.)
 - The development of new technologies and the increase of both patient and worker exposures in the medical sector
 - The ageing of nuclear installations in parallel with a large-scale retirement of nuclear workers.
- All these involve a wider and deeper promotion of ALARA culture.

To support this, EAN has developed a new 5-year Strategic Plan, based on:

- THE ORGANIZATION OF TOPICAL WORKSHOPS ON CHALLENGING ISSUES**
 - ALARA and the **medical sector** (13th EAN Workshop, June 2011, Norway)
 - ALARA in **existing exposure situations** (14th EAN Workshop, September 2012, Ireland)
 - ALARA culture** (15th EAN Workshop, May 2014, Croatia)
- THE IMPLEMENTATION OF SPECIFIC WORKING GROUPS**
 - ALARA culture** (definition, dissemination, and promotion)
 - ALARA for **emergency workers** and responders (*planned after Fukushima events*)
- THE REALIZATION OF SPECIFIC SURVEYS**
 - Aircrew** exposures
 - Occupational and public dose limits and/or reference levels for **emergency exposure** situations (*planned after Fukushima events*)
- THE PROMOTION OF THE RECOGNITION OF EAN AS AN EXPERT ORGANIZATION ON THE INTERNATIONAL RP SCENE**, through:
 - A wider diffusion of EAN documents at the national and international levels
 - The participation to funded international projects
 - The establishment of new cooperation with international organisations and professional societies
 - The participation to national and international conferences and workshops

EAN main activities

- Organization of topical **workshops** (14 workshops since 1997)
- Undertaking specific benchmarking **surveys** in radiation protection
- Publication of the ALARA **newsletter** (31 issues since 1996)
- Production of **EAN feedback documents** and position papers
- Establishment of **subnetworks** (eg. ERPAN) and **working groups** on challenging issues
- Dissemination** of EAN documents at the international and national levels
- Promotion** of EAN through participation and presentations of the network to national & international conferences
- Cooperation** with international and professional organizations (eg. EFRS, EFOMP, ESR, EUTERP) and other ALARA networks (eg. EAN_{NORM}, EMAN, RECAN, ARAN)
- Participation** to international projects (eg. TRASNUSAFE)



EAN Working Group on ALARA culture

Sotirios Economides, Frank Hardeman, Cristina Nuccetelli, Serena Risica, Caroline Schieber, Annemarie Schmitt-Hannig, Fernand Vermeersch, Angela Wright

The objective of this Working Group is to maintain and further develop a high level of radiation protection by promoting the ALARA culture in all fields of application, implementing the ALARA principle into practice and analysing feedback from implementing ALARA in various sectors.

As part of the ALARA culture dissemination, the WG is drafting a **practical guidebook** on optimisation of radiation protection (ALARA).

The objective is to publish the book **by the end of 2013**.

TARGET AUDIENCE:

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

EAN Website www.eu-alara.net

EAN ALARA e-Newsletter

If you want to receive the ALARA Newsletter or to be informed on the EAN activities:
Please email to ean@cepn.asso.fr

