



European Medical ALARA Network

EMAN

www.eman-network.eu





EMAN

- 36-month project (November 2009 - October 2012) financed by the EC DG-TREN.
- Consortium of 7 organisations : **SSM (Sweden, Coordinator)**, ESR (European Society of Radiology), EFOMP (European Federation of Organisations for Medical Physics), EFRS (European Federation of Radiographer Societies), EURADOS (European Radiation Dosimetry Group), CEPN (France), BfS (Germany).



Objectives

- To establish a **sustainable European Medical ALARA Network (EMAN)**.
- **Detailed objectives:**
 - **Disseminate up-to-date information** about literature, studies, research and good practices relating to the ALARA principle in the medical sector,
 - **Establish co-operation** with appropriate international organizations and associations,
 - **Identify and communicate to the EC needs for development** and update of European Union guidances,
 - Formulate proposals to the EC on **harmonization issues**,
 - **Propose to the EC solutions** of identified issues at the European level.



Work organisation

- One **Steering Committee** composed of one representative from each participant to the Consortium:
 - project management,
 - setting-up the network,
 - coordination of the work.
- **3 Working Groups** devoted to the following technical topics:
 - Optimisation of patient and occupational exposure in **CT procedures** (WG1),
 - Optimisation of patient and occupational exposure in **interventional radiology** (WG2),
 - Radiological safety for patients and personnel in activities using **X-ray equipment outside the X-ray departments** (WG3).



WG Products up to now (May 2011)

- Each WG has elaborated **a synthesis document** on the state of optimisation of radiation protection for workers and patients in their field (CT procedure, Interventional radiology, use of X-ray outside the X-ray department)
- Main content of these documents
 - Description of activities
 - Level of exposure
 - Dose reduction techniques
 - Set of references
- Available on EMAN Web site: www.eman-network.eu



Main futur activities of EMAN

- Elaboration of a **methodology to set-up the network**
 - Structure, potential members, financial resources, products, ...
- Elaboration of a **set of recommendations** for improving optimisation of radiation protection in the various filed identified, **identification of stakeholders to be concerned** by these recommendations
- Organisation of a **Workshop** (7-9 June 2012 in Vienna)

EUROPEAN WORKSHOP ON OPTIMISATION OF RADIATION PROTECTION IN MEDICINE



Vienna, Austria
7-9 June 2012



The aim of this European workshop is to disseminate outcomes from the EMAN project, involve new stakeholders and discuss future actions of the Network

Programme committee :

- Anja ALMEN (SSM),
- Stelios CHRISTOFIDES (EFOMP),
- Hubert DUCOU LE POINTE (ESR),
- Jürgen GRIEBEL (BfS),
- Renato PADOVANI (EFOMP),
- Graciano PAULO (EFRS),
- Caroline SCHIEBER (CEPN),
- Annemarie SCHMITT-HANNIG (BfS),
- Filip VANHAVERE (EURADOS),
- Peter VOCK (ESR).

More information : <http://eman-network.eu>

First announcement