

ENA – European NORM Association

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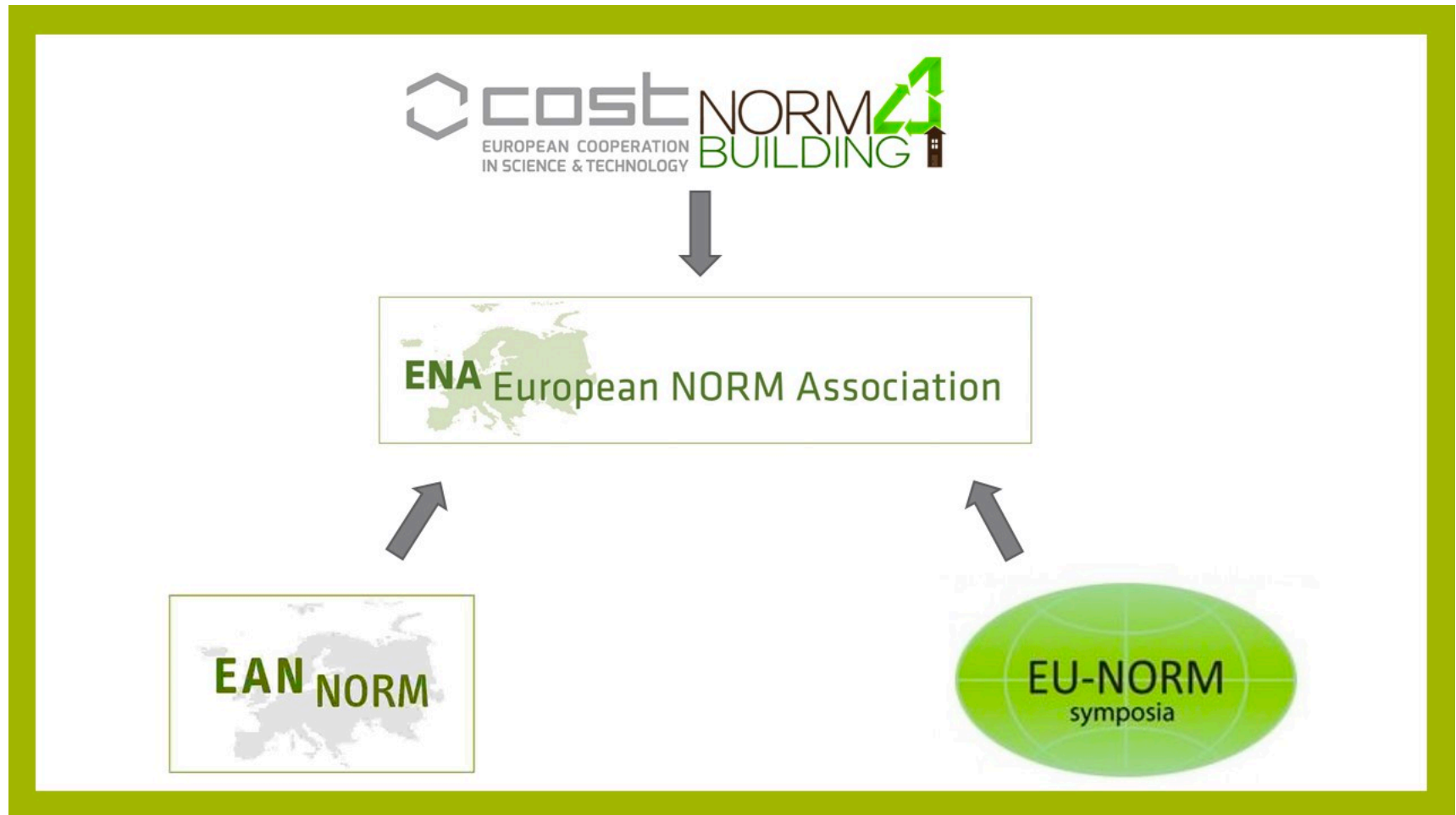
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Rome, Italy



ENA – European NORM Association

The European NORM Association (ENA) has been formed by merging the European NORM networks EAN-NORM and EU NORM, and was also based on the NORM4Building consortium. ENA was founded in September 2017



ENA – European NORM Association (cont.)

Rob Wiegiers (President, ex EU-NORM), Christian Kunze (Vice-President, ex EAN-NORM), Stéphane Pepin (Treasurer), Susanne Friedreich and Lonneke Van Bochove (Secretaries)

The European NORM Association (ENA) is a platform of experts from:

- Industry operators and industry associations that are dealing with natural radioactivity in their raw materials, processes and residues;
- Governmental and regulatory authorities in the field of radiation protection;
- Service providers such as laboratories and consultants;
- Research and scientific organisations.

Membership is open to individuals and organisations and benefits include:

- the opportunity to join one or more Working Groups (WG) and regular update on developments in the WG;
- Access to a contact database of NORM experts from industry, academia, laboratories, consultancies and regulators across Europe (Contact points).

ENA Working Groups

ENA working groups serve as a platform for members of the industry, researchers and regulators to work on:

- Problem identification
- Information collection
- Preparation of statements

At the moment WGs are focused on

- **NORM in building materials:** NORM containing construction materials (including measurements and dosimetrical assessment); NORM Inventory/database for safe reuse of NORM in construction.
- **NORM in the environment:** Develop a guidance document on how to integrate the radiological assessment with the overall environmental assessment and come to an integrated site management/remediation approach; Develop a guidance document on the approach to risk communication related to NORM legacy sites; Tool-box for dispersion models for detailed assessment; Development of a meaningful and cost-efficient monitoring program for a NORM site: a structured representation of available documents; Training (e.g. refresher courses) related to exposure and impact studies, regulation, monitoring.

ENA WGs (cont.)

- **NORM in industries:** legally defined “positive lists” for NORM residues and NORM practices; other NORM, that is not covered by the EU positive list but in fact, occur in industrial processes; NORM classification, in particular, exemption values for work activities, and clearance levels for disposal, including the special role of Pb-210; NORM classification for transport; dose estimation methods for workers (special regard to radon from NORM); radiation protection practices, with special emphasis on external workers; products with enhanced concentrations of naturally occurring radionuclides; management and disposal of NORM residues within the context of conventional waste legislation.
- **Decommissioning of NORM facilities:** Foster a dialogue between NORM industries’ operators and regulatory authorities in order to disentangle the regulatory gaps and the challenges at the operative level; identify success decommissioning cases and best practices in NORM management; produce scientific and dissemination material to advocate for policy and regulatory development.

ENA Annual Meetings

1st ENA workshop 2018

November 19-23, 2018
Central Mining Institute of Katowice
Katowice, Poland

2nd ENA Workshop 2020

October 20-22, 2020
Online via Zoom
Host: AGES-Akademie
Wien, Austria

3rd ENA Workshop 2022

May 9-13, 2022
As a session of
NORM X
Utrecht, Netherland