



EUROPEAN NUCLEAR SOCIETY

The largest Nuclear Community in Europe

ENEN – Celebrating Fifteen years of
Successful Cooperation between
Professionals and Academia.

Alastair Laird,
ENS President



Supporting Scientific Excellence

EUROPEAN NUCLEAR SOCIETY





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Our Mission

Creating Community and Collaboration - Supporting Members Societies and Individuals through information exchange and collaboration initiatives

Supporting Professional Development & Networks - allowing people to exchange ideas, knowledge and experience at conferences and events

Nuclear Advocacy – Promoting civil nuclear science and technology in an open and unbiased way; with academic recognition.

Supporting Public Awareness - towards understanding the benefits of peaceful nuclear technologies and their applications.

Professionalism

Creating Community and Collaboration

Supporting Professional Development & Networks

Changing Perspective (UK experience)

- New Build – Higher expectations on professional qualifications
- Decommissioning – Project Management apprentices and vocational standards
- Knowledge & demonstrating the Nuclear Delta[®]
- Registration for *Nuclear Sector Professionals?*
 - Engineers & Scientists
 - Were joined by specialists and functional support leads
 - Now also joined by Cyber-Security and Digital experts

Skills Gaps & Diversity

- Growth in Professional Networks – YGN & WiN membership
- New Entrants, smaller players & increasing need for professional standards



ENS Education and Training Activity

1. Capture and transmit knowledge
2. Facilitate sharing of knowledge between different generations
3. Enable exchange of best practices and lessons learned
4. Store and make knowledge accessible via different tools

Capturing and Transmitting

Conferences

RRFM
EUROPEAN RESEARCH
REACTOR CONFERENCE 2011

NErTet
2011

NUCLEAR EDUCATION AND TRAINING

TOP FUEL
WATER REACTOR
FUEL PERFORMANCE 2012

PiME
2011
COMMUNICATING NUCLEAR

ENC
2010

EUROPEAN NUCLEAR CONFERENCE

TOPSAFE
2017
SAFETY IN REACTOR OPERATIONS



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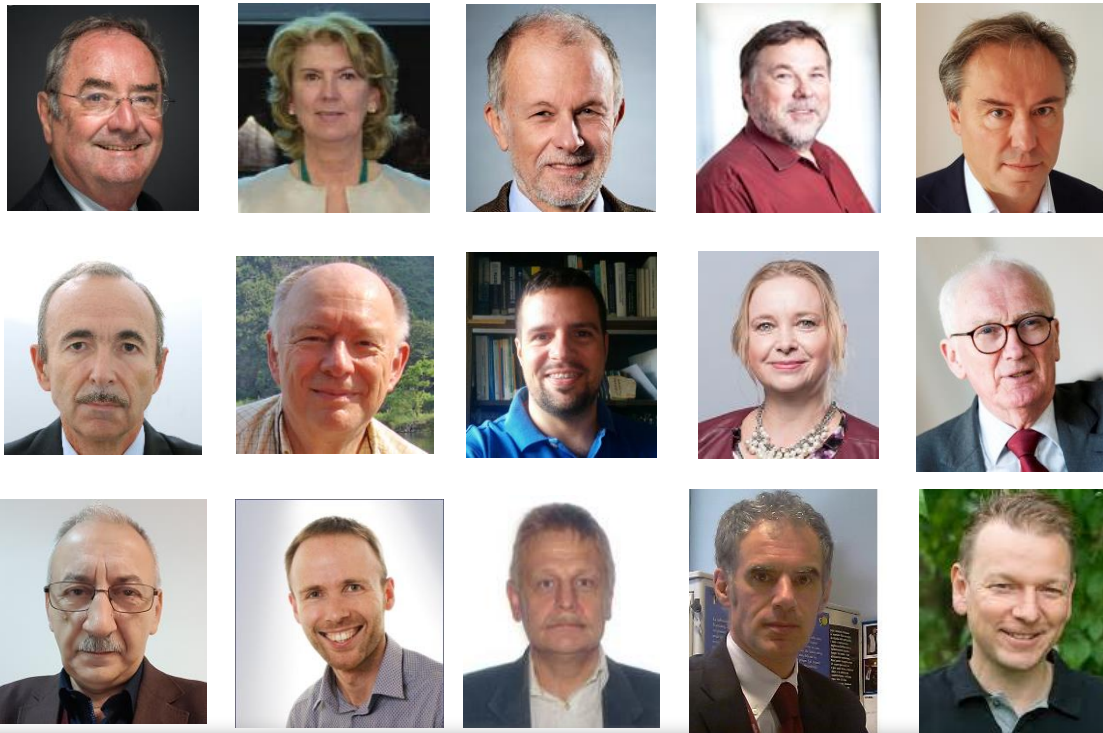
Sharing knowledge and best practices – ENS/FORATOM ETKM TF

The main aim is to provide a **platform for discussion and exchange** of information on **needs and best examples of collaboration** between industry and research/academic institutes on nuclear education and training (with partners like IAEA NKM division, JRC and ENEN)



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Sharing knowledge between generations





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Sharing Knowledge Between Generations

Mentoring Programmes:

Senior experts advice young nuclear professionals on career opportunities in the European nuclear industry

Conferences and Workshops – ENYGF and IYNC

ENS – YGN activities in the Schools and Universities:

- strong collaborations with the teachers
- interactive lectures
- drawing and literature competitions
- scientific picnics
- Summer schools, job affairs at the universities



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Sharing the expertise – EU Projects

- **G**raduate and **E**xecutive **N**uclear **T**raining and **L**ifelong **E**ducation – GENTLE
- Sharing & growing nuclear safety culture competence – **NUSHARE**
- **A**dvanced **N**etworking for **N**uclear **E**ducation, **T**raining and **T**ransfer of **E**xpertise (**ANNETTE**)
- ENEN+ with the objective to attract develop and retain new talents in the nuclear professions.
- **E**uropean **L**earning **I**nitiatives for **N**uclear **D**ecommissioning and **E**nvironmental **R**emediation (ELINDER) – to create a commonly qualified training programme in nuclear decommissioning



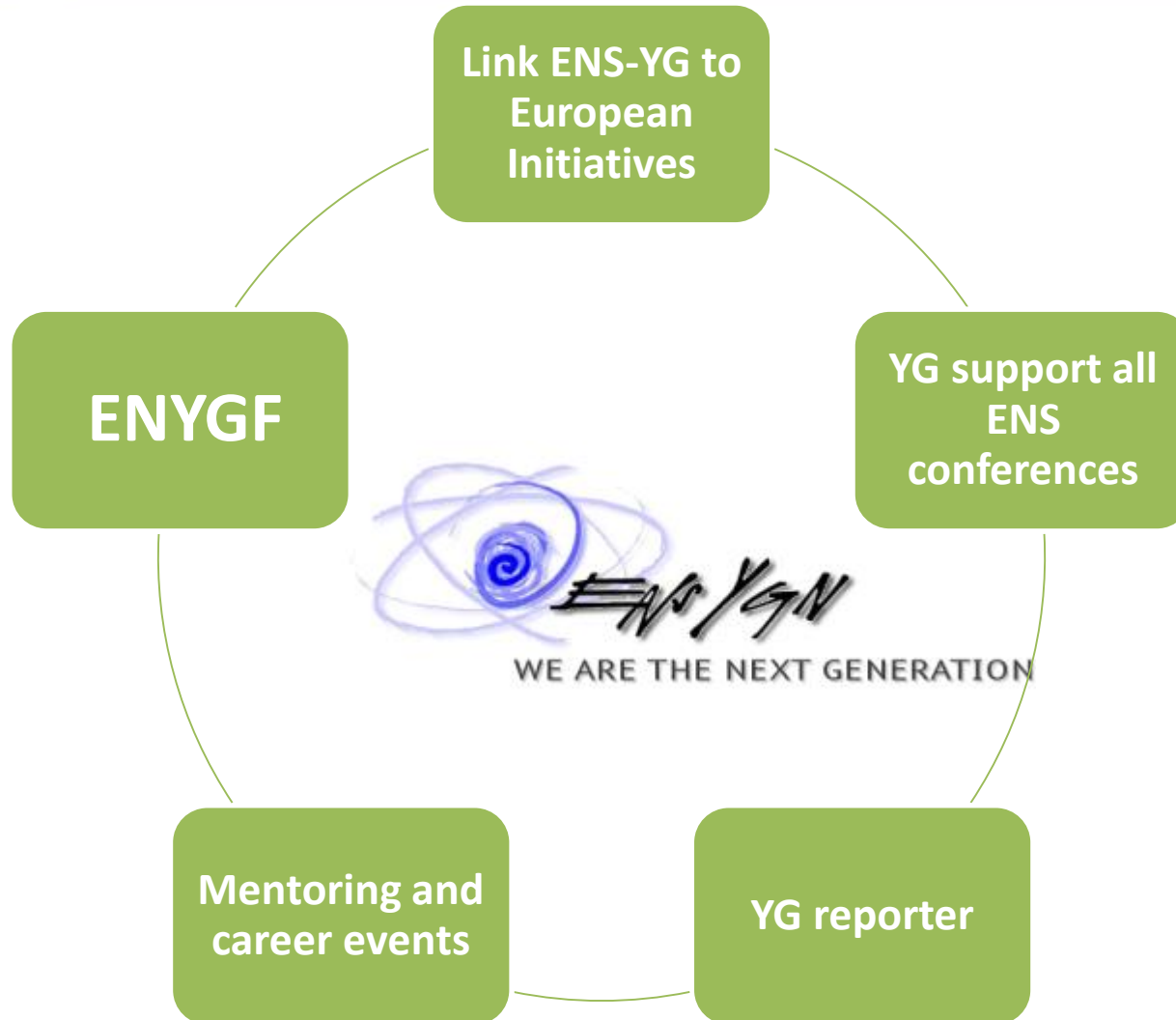
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Store and make knowledge accessible – Websites and Groups

Main tool of providing information and capturing the nuclear knowledge with high visibility - ca. 70.000 visitors per month

- ENS conference free materials
- ENS Glossary (around 1000 nuclear terms)
- [Education, Training and Career Platform](#) (ETC):
Open platform with information on education, training and career opportunities in 22 European countries
- LINKED-In group of ENS

Key Activities



Climate Change Challenges



'Nuclear energy is part of the solution for fighting climate change'





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ENS and ENEN 10 years

- 2008 – MoU enhancing the bilateral cooperation in the field of research, education and training in nuclear science and technology
- Active presence in the advisory groups of ENEN and ETKM TF
- Developing together the education& training guidelines via European funded projects
- Strong collaboration on attracting and supporting the next generations to nuclear



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Well Done!

Congratulations to ENEN from ENS



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