



Hosting New  
Nuclear  
Development



# **Coordinating with European Counterparts: Group of European Municipalities with Nuclear Facilities**

**Dr. Meritxell Martell**

**Friday 5th August 2022**



## ★ Origin of GMF

Formally established in the year 2000 to promote local democracy in nuclear energy governance to ensure:

- ❖ Safety
- ❖ Transparency and local participation
- ❖ Sustainable development



# ★ Objectives of GMF

- ❖ Raise the voice of local actors in the nuclear arena at national and European levels
- ❖ Improve knowledge and exchange of experience between nuclear municipalities
- ❖ Promote transparency and public engagement with regard to nuclear decision-making
- ❖ Seek to influence policy and strategy related to nuclear energy matters in Europe



GMF meeting in Brussels (March 2019)

# ★ Our members

 Belgium

 Bulgaria

 Czech Republic

 Hungary

 Finland

 France

 Netherlands

 Romania

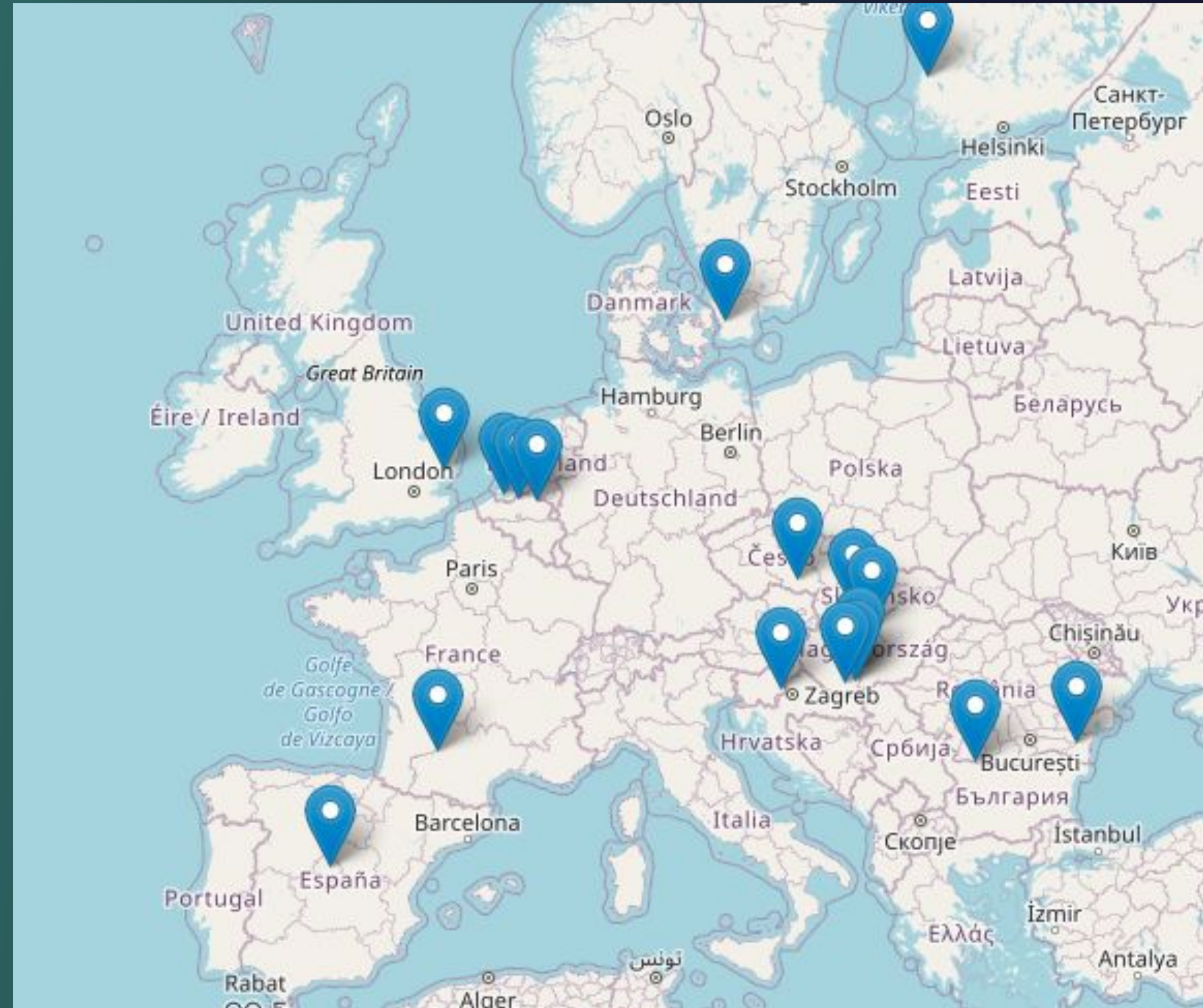
 Slovakia

 Slovenia

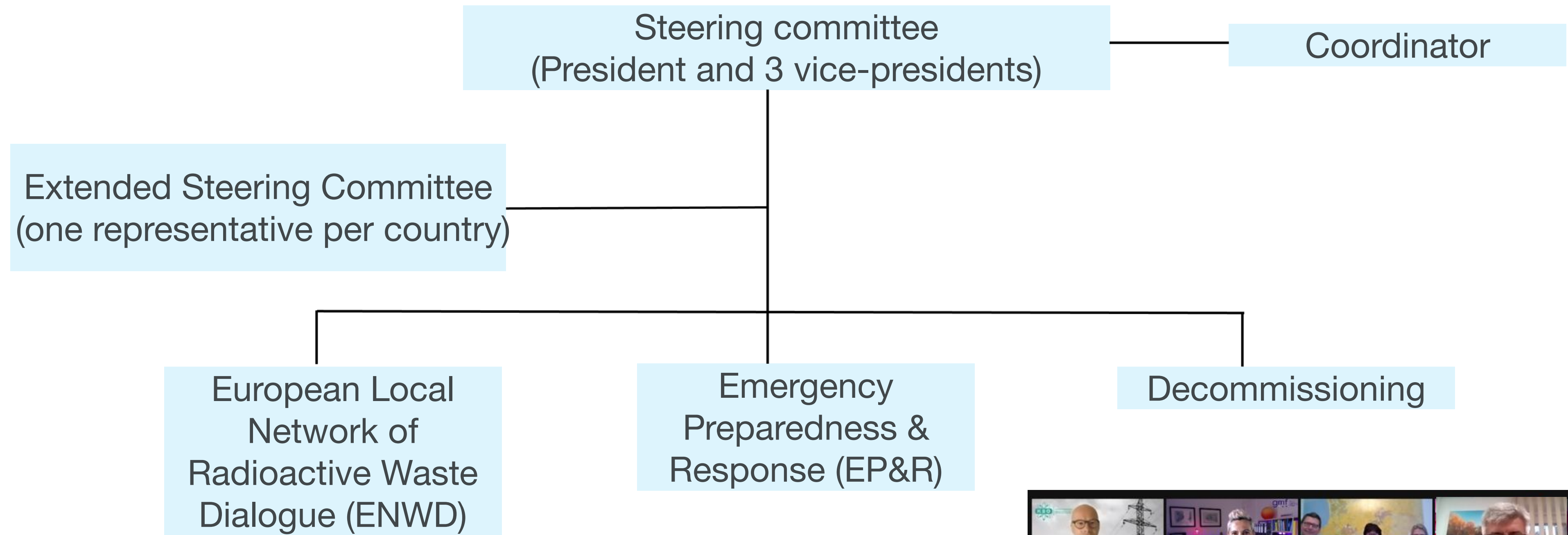
 Spain

 Sweden

 United Kingdom

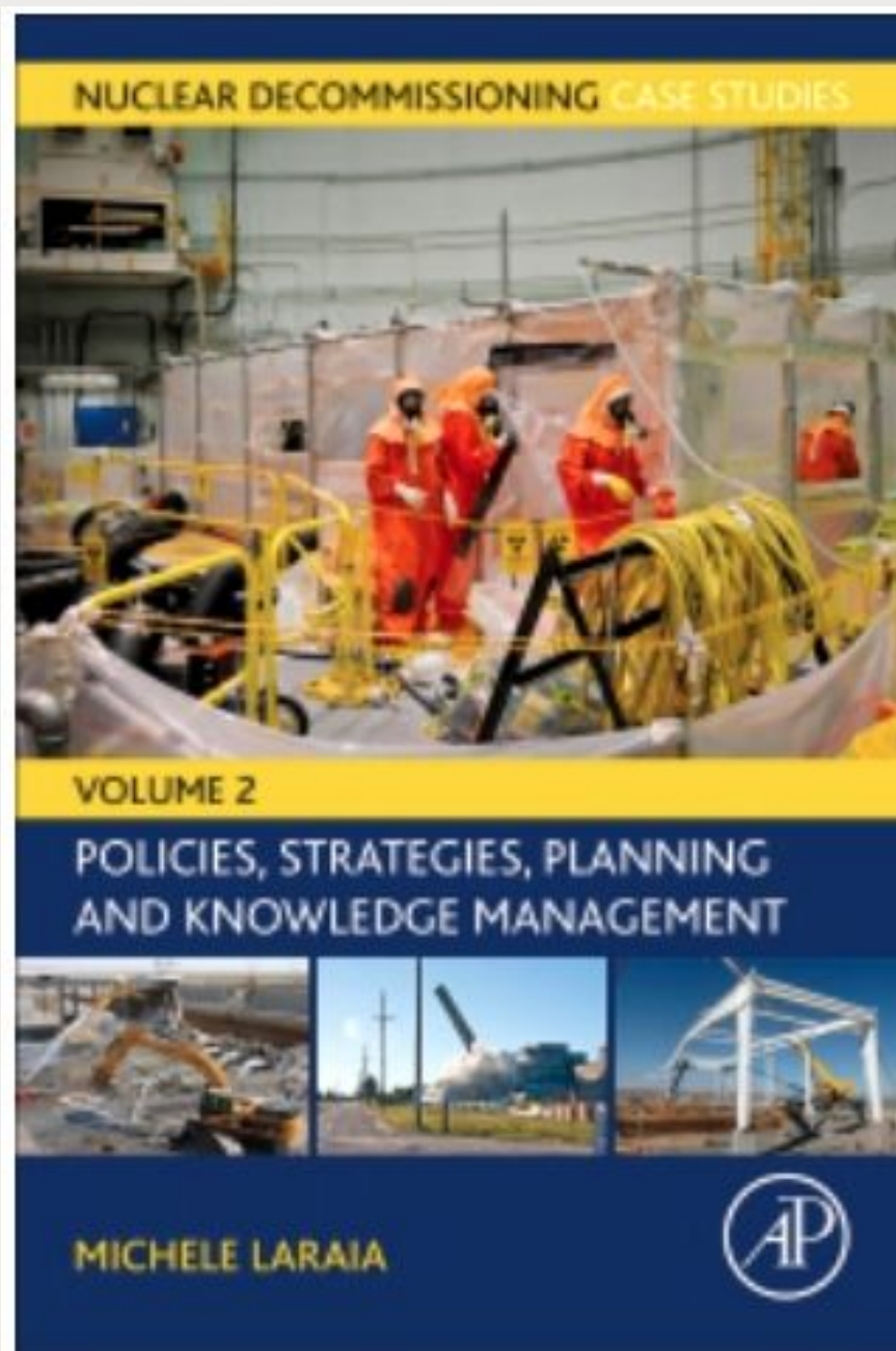


# ★ Structure



# ★ Our activities

- ❖ Online webinar on shutdown and decommissioning of NPPs on 26 February 2021 – recording online



Annex of the book  
(Martell & Perko, 2022)



GMF co-organised together with AMAC an online seminar on “**nuclear power plant shutdown and decommissioning: socio-economic impacts**” held on **26 February 2021** with the aim to exchange experience regarding the socio-economic impacts involved in the decision of closing and decommissioning a nuclear power plant. There was interpretation English – French – Spanish thanks to the support from the European Commission DG Energy. Presentations and videos of the different sessions are available below.

## Videos

[Welcome speeches video](#) by Mr. Pedro Sánchez Yebra, President of AMAC (in Spanish /castellano) and Ms. Pia Almström, GMF President (in English)

[Video of the presentation of Dr. Tanja Perko](#) (in English)

[Video of the session on Spain](#) (in Spanish / en castellano)

[Video sur le cas de Fessenheim](#) (en français)

[Video on the UK session](#) (in English)

[Video on the session on Bulgaria](#) (in Bulgarian) and *debate of the sessions from France, UK and Bulgaria*

[Closing remarks](#) by Ms. Pia Almström, GMF President (in English) and Mr. Pedro Sánchez Yebra, President of AMAC (in Spanish /castellano)

# ★ Our activities

- ❖ Collaboration with European projects and organisations and international projects



*Civil Society group of EURAD*



*Technical Meetings on local communities and radioactive waste management (2018 & 2019)*



*Steering Committee of European Nuclear Energy Forum (ENEF)*



*Annual Foratom meeting, 14 June 2021*



*Steering Committee of the EU project on Nuclear & Radiological Emergency Preparedness and Response (2021-2022)*



*Workshop on the social impacts of nuclear decommissioning and closure, 15 July 2022*

## ★ Our activities

- ❖ Collaboration in European and international conferences and meetings



*GMF participation in the session on  
“decarbonization and electrification of Europe - national,  
regional and local aspects”*



*IAEA technical meeting of on local stakeholder  
engagement in nuclear programmes, 31 October  
- 4 November 2022*



# ★ Our activities in 2022

- ❖ Meeting of GMF and ENWD on radioactive waste management in Krsko, Slovenia, 16-17 May 2022



- ❖ GMF Annual Assembly and technical meeting on Emergency Preparedness & Response (EP&R) in Borsele, the Netherlands, 3-5 October 2022





# Potential for new nuclear developme

CET2022

Conference brief

The rapid integration of renewables within the energy system in the event of new technologies like small nuclear reactors (SMR) tomorrow's energy system. The conference will present new energy system aspects at national, regional, and local level with convergence of SMR with renewables, hydrogen production and CO2 storage.

Public dialogue on advanced nuclear technologies

Engagement report

July 2021



UK Research and Innovation



ORGANIZERS

<https://cet2022.org>

Centre for New Energy Technology in Oskarshamn (CNETO), Municipality of Oskarshamn, KTH, Uniper and OKG.

## Sweden to study SMRs at Ringhals

Mon, Jul 11, 2022, 7:00PM | Nuclear News



The Ringhals nuclear power plant. (Photo: Wikipedia)

## Joint venture formed to spur SMR deployment in Sweden

15 February 2021

Uniper Sweden, LeadCold and the Royal Institute of Technology (KTH) are collaborating to explore the possibility of constructing a demonstration LeadCold SEALER lead-cooled small modular reactor (SMR) at Sweden's Oskarshamn plant site by 2030. The partners have also applied for funding towards building a non-nuclear prototype at Oskarshamn for testing and verifying materials and technology.



Le 29 juin 2020, la centrale nucléaire de Fessenheim était déconnectée du réseau

been working on the issue of new nuclear power in Sweden. Provided that a feasibility study concludes that it would be profitable and all other conditions for a future investment decision are met, in particular, new regulations for nuclear power, it should be possible to have the first SMR reactor in operation by the early 2030s."

Torbjörn Wahlborg, Vattenfall's head of business area generation, noted several reasons for the company's selection of Ringhals, including legislation on the books that allows for the replacement of the plant's two retired reactors, the existing grid infrastructure, and "the comprehensive skill level available at Ringhals."

ECONOMIE  
Tribune Libre

## «Faisons de Fessenheim la terre d'excellence du nucléaire de demain!» La tribune de Rafik Smati et Claude Brender

Par Rafik Smati et Claude Brender  
28 octobre 2021 à 12h45



Nous proposons de faire de Fessenheim le site de référence des SMR de demain, et d'y construire sans tarder deux réacteurs-démonstrateurs.





## Co-ordination



- ❖ Similar goals and type of members
- ❖ Potential for collaboration:
  1. To raise the voice of “local communities in nuclear” in the international arena
  2. To debate matters of mutual interest, e.g. decommissioning, SMRs, cross-border Emergency Preparedness & Response, among others
  3. Direct cooperation of members on projects of common interest, e.g. e-twinning programmes for peer-to-peer learning and exchange of know-how



**Thank you!**

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