

IGD-TP preparations for a WMO college within EURAD

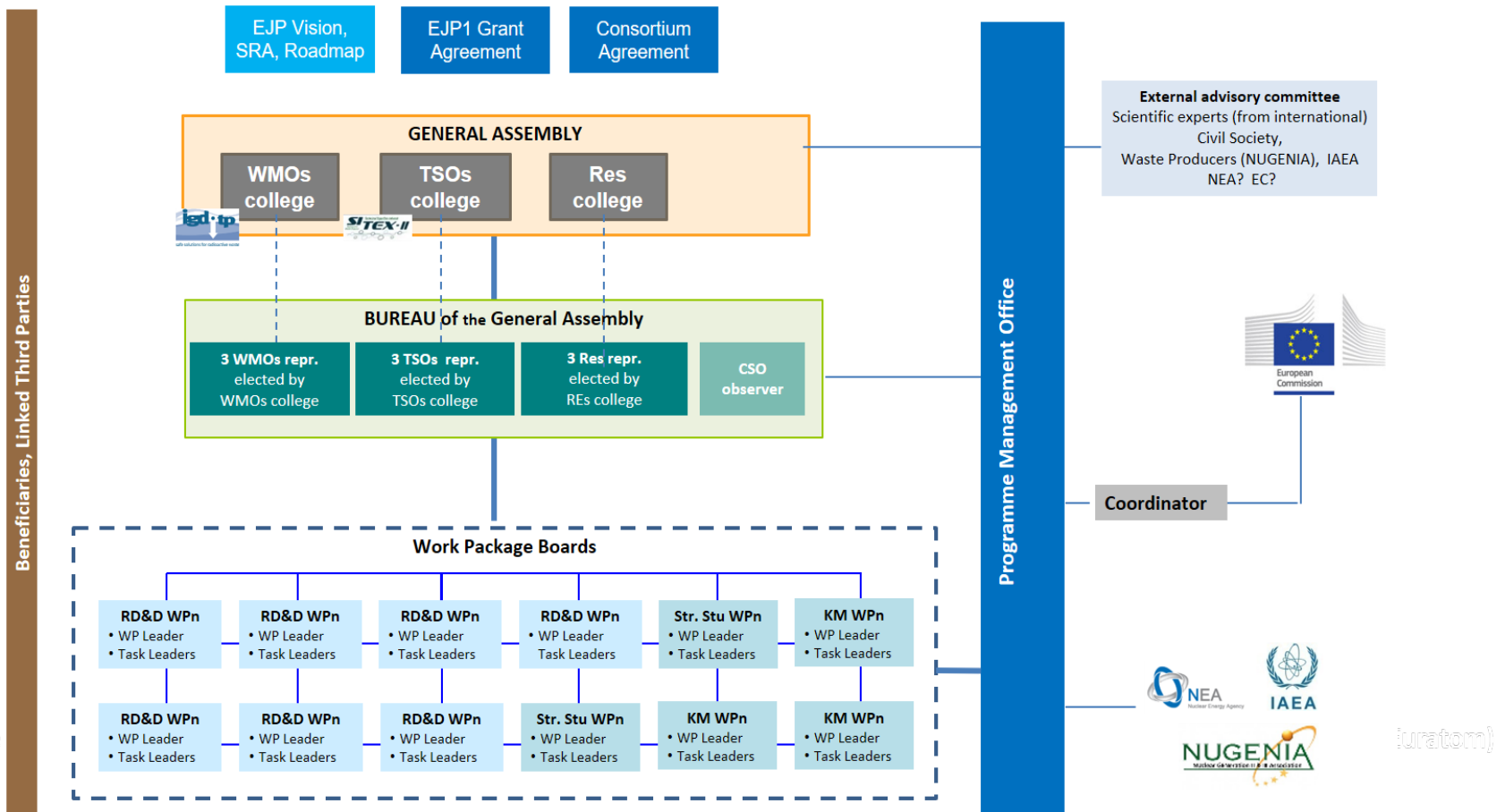


Robert Winsley (General Secretary of the IGD-TP)

The research leading to these results has received funding from the European Union's European Atomic Energy Community's (Euratom) Seventh Framework Programme [FP7-2007-2013] under grant agreement n° 226506. <https://doi.org/10.1016/j.igdm.2018.12.002>

EF8, 3rd and 4th December 2018, Berlin, Germany

EURAD governance and college structure (a reminder)



The re

uratom)

IGD-TP (a reminder)

Background and structure

- established 2009
- technical RD&D group focused on geological disposal & radwaste management
- established by the European Commission, now led/funded by an Executive Group comprising representatives of 11 European WMO's/organisations responsible for implementation-related R&D
- 120+ member organisations / 600+ individual members

Vision

- Co-ordinate RD&D to help ensure realisation of our vision:

'By 2025, the first geological disposal facilities for spent fuel, high-level waste, & other long-lived radioactive waste will be operating safely in Europe'

Objectives

- Establish common research needs & develop project scopes to ensure safety case needs alignment and facilitate stepwise implementation
- Build confidence in GDF; reduce overlapping work; produce savings, & make better use of existing competence/infrastructures

The research leading to these results has received funding from the European Union's European Atomic Energy Community's (Euratom) research and innovation programme under grant agreement No 101019719. The research leading to these results has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101019719.

Proposal for IGD-TP EG to co-ordinate the 'WMO College'

- For almost a decade the IGD-TP EG has been functioning as a successful and enduring WMO RD&D platform
- Already acted on behalf of all WMO's to input WMO comment into the JOPRAD developed common Strategic Research Agenda (SRA) and latterly the EURAD SRA
- Co-ordinated WMO review comments on the developing EURAD proposal
- Now offer to do this more formally by co-ordinating the 'WMO College' within EURAD
- At our last executive group meeting (EG27) we developed a proposal to incorporate non IGD-TP EG WMO input into the WMO college/EG structure
- Detailed proposal sent to all non IGD-TP Executive Group WMO's (October 2018)
- Later today we have planned a 'WMO only' session to discuss this proposal and start to agree how the WMO College will be formed and function.

The research leading to these results has received funding from the European Union's European Atomic Energy Community's (Euratom) research and innovation programme (2014-2020) under grant agreements n° 1245556, SecIGD, and n° 323260, SecIGD2.

WMO's mandated in EURAD (represented in the college)

Country	Mandated WMO	EG member
Austria	NES	N
Belgium	ONDRAF/NIRAS	Y
Czech Republic	SURAO	Y
Denmark	Dekom	N
Finland	Posiva	Y
France	Andra	Y
Germany	BGE	N
Greece	EEAE	N
Hungary	PURAM	Y
Lithuania	SE INPP (=IAE)	N
Netherlands	COVRA	Y
Poland	RWMP	N
Portugal	IST	N
Slovakia*	NJF	N
Slovenia	ARAO	N
Spain	ENRESA	Y
Sweden	SKB	Y
United Kingdom	RWM	Y
Switzerland	NAGRA	Y
Ukraine	Chornobyl R&D Institute	N

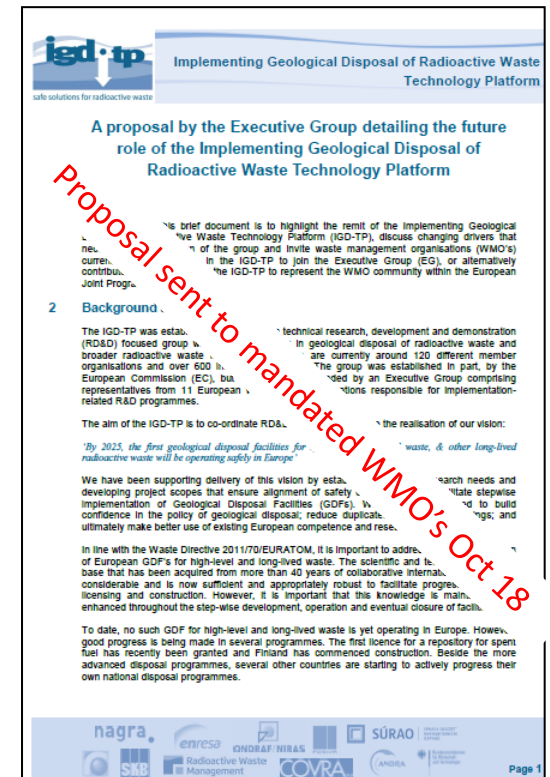
The research leading to these results has received funding from the European Union's Seventh Framework Programme (FP7) under grant agreement n° 240691.

© European Atomic Energy Community's (Euratom) under contract n° 240691, and n° 323260, Sec1GD2.

Details of the Executive Group's proposal (1)

Three high level drivers for IGD-TP evolution

- The EC's shift to funding of EURATOM RD&D through joint programming where WMO's RE's and TSO's need to come to a common consensus
- IGD-TP is fully supportive of EURAD. EURAD will address a range of important IGD-TP/WMO needs, but not all of them.
- The wish to include the willing mandated WMO's in the EURAD proposal in a WMO college.



The research leading to these results has received funding from the European Union's European Atomic Energy Community's (Euratom) Seventh Framework programme FP7 (2007-2013) under grant agreements n°249396, SecIGD, and n°323260, SecIGD2.

Details of the Executive Group's proposal (3)

Scope and Remit

- To accommodate wider membership, the EG proposed that the IGD-TP remains focused on geological disposal, with some interest in upstream activities, but expands to include scope of greater relevance to nations with small programmes, e.g. disposal of sealed sources etc
- EURATOM R&D addresses an important, but small proportion of WMO research budget/scope. The EG will therefore evolve into a position where we work towards developing R&D projects and activities that are unlikely (for a variety of reasons) to be integrated into EURAD (I. Gaus, will talk more about this tomorrow)
- We intend to retain and enhance our wider IGD-TP membership, to continue to foster interest in our research needs and our WMO/EG viewpoints.

The research leading to these results has received funding from the European Union's Horizon Atomic Energy Community's (Euratom) Seventh Framework programme FP7 (2007-2013) under grant agreements n° 249396, SecIGD, and n° 323260, SecIGD2.

Details of the Executive Group's proposal (2)

Membership of the Executive Group

- IGD-TP EG would act as the co-ordination vehicle for the proposed WMO College and work to facilitate the formation of a joint position of all WMO's participating in EURAD
- The EG structure would be developed to allow wider WMO membership, all supporting the IGD-TP vision, but retaining a focused/effective core. To achieve this two options were offered to WMO's mandated in EURAD:
 - New WMO's were invited to be members of the EG, noting that this requires a commitment (both financial and time)
 - Those EURAD mandated WMO's who do not want to join the EG, can also interact with the IGD-TP EG to come to a joint position of all EURAD mandated actors. The IGD-TP EG will facilitate this by organising meetings (probably one per year) where focus will be placed on WMO input to the ongoing EURAD programme and any successor programmes.

The research leading to these results has received funding from the European Union's European Atomic Energy Community's (Euratom) Seventh Framework programme FP7 (2007-2013) under grant agreements n°249396, SecIGD, and n°323260, SecIGD2.

WMO bureau representatives

Initial planning/thinking

- WMO College will need to agree/elect three representatives to engage in the Bureau of the General Assembly
 - A ~2.5 year term has been proposed
 - Should include at least one representative from a country with early stage/ small programme
 - Bureau members must represent the interests of their college and not just their own organisation or country
 - Bureau representatives should ideally also be IGD-TP EG members
 - ToR for the Bureau developed by the EURAD PMO
 - at least three meetings per year envisaged (2 Bureau and 1 GA)
- The research leading to these results has received funding from the European Union's European Atomic Energy Community's (Euratom) Seventh Framework Programme FP7 (2007-2013) under grant agreements n°249396, SecIGD, and n°323260, SecIGD2.
- Time and T&S funded by host organisation

Concluding messages

- IGD-TP is **fully supportive of EURAD**. EURAD will address a range of important WMO needs, but not all of them
- Executive Group will therefore co-ordinate and **develop collaborative research scopes and deliver them in parallel to EURAD** involvement (e.g. via multilateral WMO cooperation)
- IGD-TP Executive Group offers to co-ordinate the views of mandated WMO's within the WMO College – so WMO's can **speak with one voice**
- To achieve this, in an inclusive manner, the IGD-TP will **adapt/evolve**
- Executive Group have been openly engaging on this issue for around a year now and are **developing an appropriate role in EURAD**
- A 'WMO only' meeting is planned later today to discuss these ideas further (all mandated WMO's have been invited to contribute)