

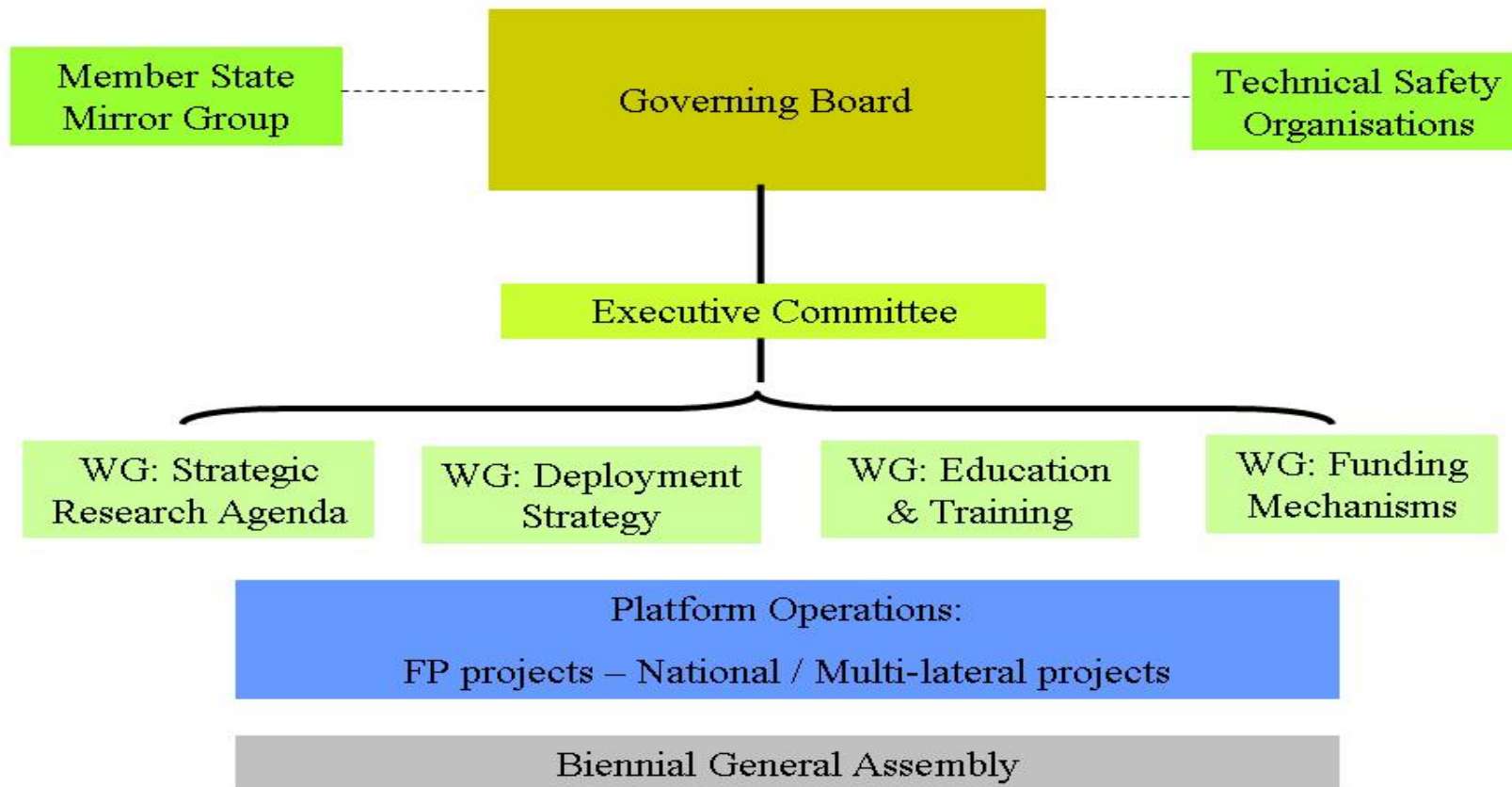


The Sustainable Nuclear Energy Technology Platform (SNE-TP)

Status of Education, Training, and Knowledge Management Working Group (ETKM WG)



PLACE OF ETKM WG IN SNE-TP





OVERVIEW of ETKM WG

● Objectives :

- Secure an adequate resource of well educated and trained young professionals
 - to support the **research** recommended in the Strategic Research Agenda,
 - to meet the demand of **industry** for new competent personnel
 - to meet the need for **teachers** in academia
- The WG will recommend to the SNE-TP Governing Board a future framework of nuclear education, training and knowledge management at the European level
- ETKM WG will in a second step implement it to ensure a further development of nuclear energy technology in Europe



OVERVIEW of ETKM WG

- **Scope :**

- The **whole spectrum** from high school to employers through universities and the relationships between all of them
- As a **first step**, the WG will address education and training of engineers and **highly educated** personnel
- The content scope **includes E&T in nuclear sciences, and in all the other disciplines** necessary for the nuclear field activities



Organisation

- **5 Sub-groups:**
- SG 1 is focused on the needs of the nuclear field in human resources
- SG 2 ensures coordination within SNETP and if needed in a further step with other European forums
- SG 3 deals with the offer (courses, teachers)
- SG 4 is focused on the facilities to support E&T
- SG 5 is specialised in the interactions between academia and employers and international co-operations with extra-EU countries



ORGANISATION

This organisation will enable to:

- Analyse the **gaps** between demand and offer ;
- Investigate the **requirements** to improve the current situation ;
- Ensure that the WG works **in accordance** with the other activities in SNETP.

Method:

- The subgroups **collect** data. Then the whole WG will **analyse** those data, **identify** the gaps and make **recommendations**.



STATUS

- **Mission and Work-Plan document written** (to be validated at next meeting)
- **Subgroups already active :**
 - Data collected on human resource (pilot study in UK)
 - Questionnaire prepared for SNE-TP members
 - Data collection on courses in progress by ENEN
 - Data collected on facilities and specific questionnaire
 - Dialogue established with IAEA
- **Report expected end of 2009**



INTERNATIONAL COOPERATION WITH EXTRA-EU COUNTRIES

- **Request by M. DEFRENNES :**
 - to include in the WG scope a support to EURATOM for co-operation with extra-EU countries
- **WG proposal :**
 - to brainstorm first on the interest of such co-operation and on what support it can provide to the EURATOM initiative ;
 - this reflection will be conducted by volunteer members.
- **The group wishes that the GB approves the inclusion of this activity into its terms of reference**



MEMBERSHIP : invited members

| Academia | Research | Industry | Others |
|----------|--|--|--|
| ENEN | CEA CNRS EC JRC FZK HMS Sultan IRSN NRI Řež SCK•CEN UK NNL | AREVA EDF E.ON Suez-Tractebel | COGENT FORATOM To be invited: ENS |



MEMBERSHIP

- **Call to SNE-TP members to enlarge participation :**
 - To all types of organisations : research, utilities, TSO, ..., in particular a vendor;
 - To a wide variety of countries, including Finland, Italy, Spain, Switzerland.



COOPERATION WITH OTHER T-PLATFORMS

- It could be found necessary to develop incentives for engineering careers in general :
 - A stronger influence could be obtained through interactions with other TPs.
 - The ETKM group is thus interested to be informed of intended initiatives of SNE-TP towards other platforms so as to be able to work with them if appropriate.



Governing Board and General Assembly Meetings of SNE-TP, 25 - 26 Nov 2008