

**5th General Assembly of the
Sustainable Nuclear Energy Technology Platform
17 March 2015, Brussels, Belgium**

SNETP achievements since the third General Assembly

**Enrique M. Gonzalez Romero
CIEMAT, Director of Nuclear Division
Chairman of the SNETP Executive Committee**

2007-2015: SNETP is 7 years old

- 21 September 2007: Launch Conference

(Presence of Commissioners Potocnik and Piebalgs, a vision report endorsed by 35 European organizations)



-26 November 2008: 1st General assembly

-14 September 2010: 2nd General Assembly

- 29,30 November 2011: 3rd General Assembly

- 18 October 2013: 4th General Assembly

Evolution of SNETP: Timeline and achievements since the launch



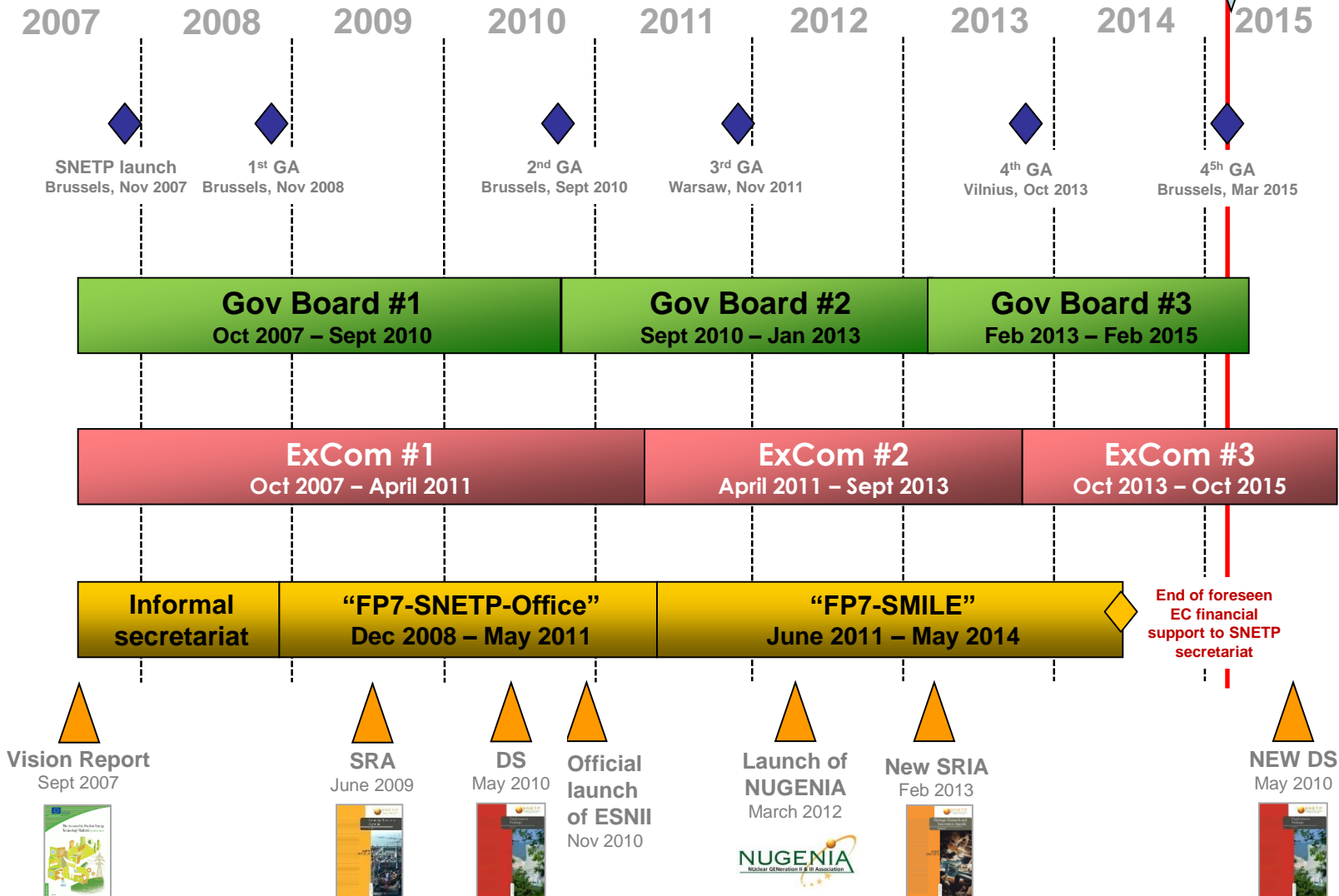
End of FP7,
start of Horizon 2020
January 2014 **TODAY**

General Assembly

Governing Board

Executive Committee

Secretariat



Main achievements since last GA



- **Deployment Strategy** (next presentation by Marylise Caron-Charles, Coordinator of the DS Task Force)
- ExCom subgroups
- SET Plan Integrated Roadmap and Action Plan
- Financing secretariat
- Cooperation with other platforms (IGDTP, MELODI etc.)
- Ad hoc group addressing joint programming and interaction with Member States
- Communication with EC & Participation in H2020 2014 call
- ETKM strategy (Strategy paper from ETKM group chairman under revision by the GB).
- New SNETP web

ExCom subgroups

- In order to perform all the actions identified for the ExCom it has been organized by internal subgroups:
 - 1) **SET-PLAN Integrated Roadmap and related documents. Coordinator: E. Gonzalez**
 - 2) **Update of the Deployment Strategy: Coord: M. Caron-Charles**
 - 3) **The Fuel Cycle for different generations and the relations with IGD-TP: Coord. R. Stainsby**
 - 4) The Economic aspects of nuclear generation and the Optimization of plants for the future European Energy system (collaboration with ENEF). Coord. **M. Deffrennes**
 - 5) The SNETP mid-term continuity, looking towards the European Joint Programme solution and monitoring the progress of MELODI along this line. Coord: **Edouard Scott de Martinville**

Main achievements since last GA

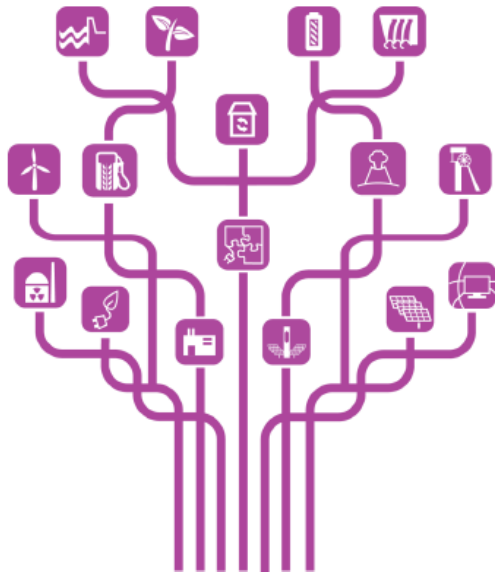
SET Plan Integrated Roadmap and Action Plan

Strategic Energy Technology (SET) Plan

Towards an Integrated Roadmap:
Research & Innovation Challenges and Needs
of the EU Energy System

ANNEX I: Research and innovation actions

Part II – Competitive, Efficient, Secure,
Sustainable and Flexible Energy System



HEADING 5: Supporting Safe Operation of Nuclear Systems and Development of Sustainable Solutions for the Management of Radioactive Waste

Challenge 1: Safe and Efficient Operation of Nuclear Power Plants (NUGENIA+JPNM)

Challenge 2: Sustainability of Waste Management and Use of Fuel Resources (ESNII+IGD-TP)

Challenge 3: Optimized Integration of Nuclear Reactors in Energy Systems (NC2I + Grid)

Financing the Secretariat



Financing the SNETP Secretariat:

- General Assembly decided in 2014 to setup a fee to cover basic secretariat services, and
- Submit a proposal (SPRINT) to the Euratom H2020 2014-15 Call for advanced secretariat (strategic & dissemination actions).

Present status

- To implement the fee system a treasurer mandate has been signed between CEA and SNETP. An amendment is in preparation to cover legal details for the period 2014-2015.
- The treasurer has been requested to issue the invoices for fees to all the SNETP members. Some data needed (VAT numbers) for the formal invoice are being requested by Secretariat.
- The bidding process is ready to start. Documents are being finalized by the Treasurer in contact with SNETP GB & ExCom.
- The proposal SPRINT (LGI, REZ, CEA, EON, FORATOM, ENS) has been selected for financing with a EU contribution of 599551Euros for 4 years.

- Paris 30 July, with
- NUGENIA, ESNII, NC2I, MELODI, JPNM/EERA, IGD-TP.
- **Aims of the workshop:**
 1. To assess the structuring progress and the trends for future organizational, financial and legal changes of the three SNETP pillars (NUGENIA, ESNII and NC2I) together with the EERA Joint Programme on Nuclear Materials and the IGD-TP Technology Platform
 2. To review NUGENIA+, ESNII+, and NC2I-R
 3. To share some views on the technical interfaces in the field of the **fuel cycle**, the **material properties** and the **harmonization**

Actions:

1. Continue the activities of joint Task Force with IGD-TP on fuel cycle, new waste types, common factsheet
2. Setup a strategic formal collaboration between EERA-JPNM and NUGENIA, ESNII + NC2I later
3. Search possible collaborations with MELODY (EJP)₈

Main achievements since last GA



- **Ad hoc group addressing joint programming and interaction with Member States**
 - SNETP should play an active role in joint programming, with Member States; EC suggested that an ad hoc group in SNETP should work on interaction with Member States
 - EC contact recalled that joint programming can take several forms such **as EJPs, ERANETs, Marie Curie Sklodowska Actions, innovative public procurement,** and so on)
 - The GB asked the ExCom to form an ad hoc group addressing joint programming and interaction with Member States; this group is constituted of: E.Gonzalez, H.A.Abderrahim, and one representative for each of the three pillars

Main achievements since last GA



- **Communication with EC & Participation in H2020 2014 call**
 - Continuous exchange of information with EC
 - Helping to streamline proposal preparation
 - NUGENIA label
- **ETKM strategy (Strategy paper from ETKM group chairman under revision by the GB).**
- **New SNETP web**
 - Modern design, compatible with mobile devices
 - Newsflashes & social media
 - “SNETP TV”: a web portal for SNETP public video material

Position papers

Since the last General Assembly, SNETP prepared three position papers

- Answer to ESFRI - Gap analysis in nuclear fission (2014)
- 2030 framework for climate and energy policies: SNETP position (2014)
- Answer to EC consultation on Framework conditions for sectorial Research and Innovation (2015)

Participation in conferences



- Euratom fission Info day (Brussels, 28/03/2014)
- SNETP 'Clustering Workshop' (Paris 30 July 2014, with NUGENIA, ESNII, NC2I, MELODI, JPNM, IGD-TP)
- SETIS ERKC (Energy Research Knowledge Centre) – Participation in launch conference (2014)
- Participation in the European Technological Platform (ETP) Stakeholders' Workshop (Brussels 14 November 2014)
- IAEA INPRO DF on Effective Collaboration on Innovations to Support Globally Sustainable Nuclear Energy Systems (Vienna, 18-21 Nov. 2014)
- 4th EERA Annual Congress
- SET Plan Conference at Rome (Dec 2014)
- Forum on Access to Existing EU Nuclear Fission Research Infrastructure (29 Jan 2015)