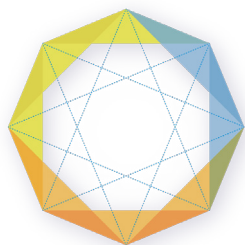




## **EUROPEAN TECHNOLOGY AND INNOVATION PLATFORM SMART NETWORKS FOR ENERGY TRANSITION**

Guiding research and innovation activities to support  
Europe's energy transition



# **ETIP SNET**

## EU goals for climate neutrality

The EU aims to be climate-neutral by 2050 and is on its way to building an economy with net-zero greenhouse gas emissions.

**Reaching this target will require action by all sectors of our economy, including:**

- Investing in environmentally-friendly technologies
- Supporting industry to innovate
- Rolling out cleaner, cheaper and healthier forms of private and public transport
- Decarbonising the energy sector
- Ensuring buildings are more energy efficient
- Working with international partners to improve global environmental standards

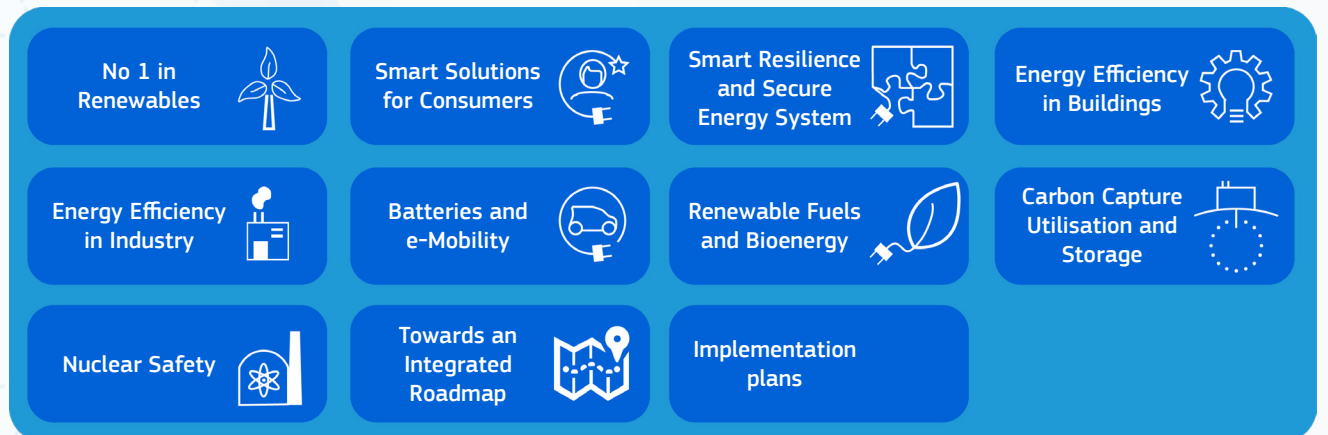
**As medium-term Key targets for 2030, the EU aims to reach:**

- At least 55% cuts in greenhouse gas emissions (from 1990 levels)
- At least 40% share for renewable energy
- At least 39% reduction in primary energy consumption

## Integrated SET PLAN

The Integrated SET Plan, defines the new European R&I energy related Agenda covering the European energy system as a whole and going beyond the ‘technology silos’ concept.

- Through its 10 key actions it addresses the whole innovation chain, from basic research to market uptake, both in terms of financing as well as in terms of regulatory framework for these actions.
- It adapts the existing governance structure to ensure an effective interaction among SET Plan countries and stakeholders.
- ETIP SNET will support the Action 4 “Resilience and security of energy systems” of the Integrated SET PLAN.





## The ETIP SNET Mission

Created by the European Commission, the European Technology Innovation Platform Smart Networks for Energy Transition (ETIP SNET) brings together a multitude of stakeholders and experts from the energy sector with the aim to guide Research & Innovation (R&I) to support Europe's energy transition towards a low carbon neutral energy.

The ETIP SNET will support the delivery of a R&I roadmap that will enable the EU to deliver on its 2050 and the intermediate 2030 climate & energy targets.

### Main objectives:

- Set-out a vision for research and innovation for Smart Networks for Energy Transition (SNET) and engage stakeholders in this vision;
- Prepare and update the Vision, Roadmaps, Implementation Plans and Strategic Research and Innovation Agendas;
- Provide input to the Strategic Energy Technology Plan (SET Plan);
- Identify innovation barriers, notably related to regulation and financing;
- Develop knowledge-sharing mechanisms that help bringing R&I results to deployment;
- Prepare consolidated stakeholder views on R&I to European Energy Policy initiatives;
- Ensure the stakeholder community receives proper feedback;
- Coordinate with other Initiatives at National (Members States), European and International level.

## The ETIP SNET Network

The following stakeholders are part of the ETIP SNET:



## How is the ETIP SNET Structured?

In order to have a wide representation of stakeholders and offer agile and efficient operation, the ETIP SNET is organised as follows:

- **Governing Board (GB)** composed of 44 experts representing European Associations and link with the European Commission;
- **Executive Committee (ExCo)** composed by 9 members who represent the European Commission, Chair and Vice-chairs of the ETIP SNET and Working Chairs;
- **Permanent Working Groups (WG)** where experts participate and provide input to the GB to achieve the ETIP SNET Goals;
- **National Stakeholders Coordination group (NSCG)** that liaises with various national actors such as funding agencies, ministries representative, SET PLAN Implementation Groups, national technology platforms and national regulators;
- **ETIP SNET Secretariat** to support and manage the ETIP SNET in its daily functioning;
- **ETIP SNET Ambassadors** to present the ETIP SNET in several frameworks and events when needed.



## How To Get Involved

Permanent Working Groups and a National Stakeholders Coordination Group (NSGC) ensure the involvement of all the stakeholders of the energy system as a whole, providing vision, inputs, guidance and continuous feedback for the development of the R&I Agenda.



**WG1:**  
Reliable,  
economic and  
efficient energy  
grid system



**WG2:**  
Storage  
technologies  
and system  
flexibilities



**WG3:**  
Flexible  
Generation



**WG4:**  
Digitalisation of  
the electricity  
system and  
Customer  
participation



**WG5:**  
Innovation  
implementation  
in the business  
environment



**NSCG**  
National  
Stakeholders  
Coordination  
Group

Find out more: <https://www.etip-snet.eu/>

# WHAT THE ETIP SNET EXPERTS SAY

*“Energy transition is fundamental to humanity for progress and healthy living. ETIP SNET is bringing together the expert knowledge to optimally and holistically address the needs for smart evolution of technologies and systems”.*



**VENIZELOS EFTHYMIU, ETIP SNET, CHAIR WG5**



*“So satisfying to foster consensus on the highest innovation priorities in Europe, so much pride to see innovation coming together, project by project, for the progress of Europe”.*

**KONSTANTIN STASCHUS, ETIP SNET, FORMER VICE-CHAIR**

*“ETIP SNET provides Vision, R&I Roadmaps and Implementation Plans for a low-carbon, secure and cost efficient, integrated system of systems”.*



**NIKOS HATZIARGYRIOU, ETIP SNET, FORMER VICE-CHAIR**

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