



ETIP SNET

EUROPEAN
TECHNOLOGY AND
INNOVATION
PLATFORM

SMART
NETWORKS FOR
ENERGY
TRANSITION

PLAN.
INNOVATE.
ENGAGE.

WG2 Activities 2019

**ETIP SNET Regional workshop covering South-
Eastern and Western Regions**

Paris, November 14th 2019

Anastasiya Shapochkina – WG2 Chair
support

1. WG2 organisation
 - i. Co-chair missing position
2. WG2 activities in the last period
 - i. ETIP SNET Roadmap
 - ii. ETIP SNET Implementation Plan
 - iii. Horizon Europe
3. WG2 ongoing activities
 - i. White paper on sector coupling (with WG1)
 - ii. Public consultation on the hydrogen partnership
 - iii. Regional workshop
4. WG2 next steps

Chair: Yves Schlumberger (EDF)

Co-chairs: Cristina Gómez Simón (ENTSO-E)

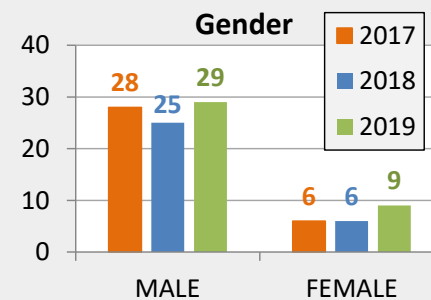
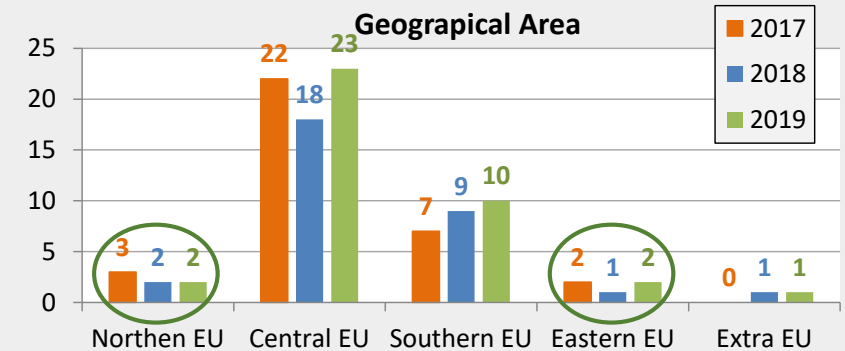
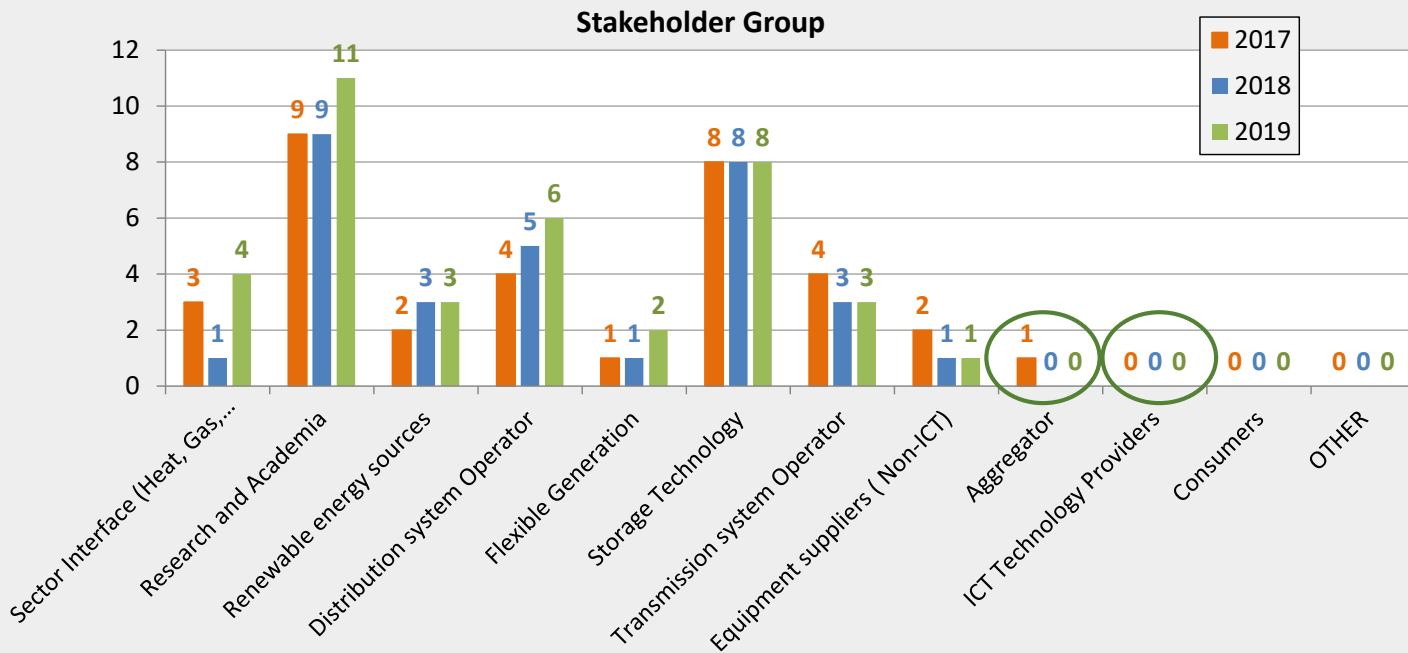
2nd co-chair vacant position (Carlos Arsuaga <Circe> resigned; another CIRCE expert applied to WG2)

Advisor: Omar Perego (RSE)

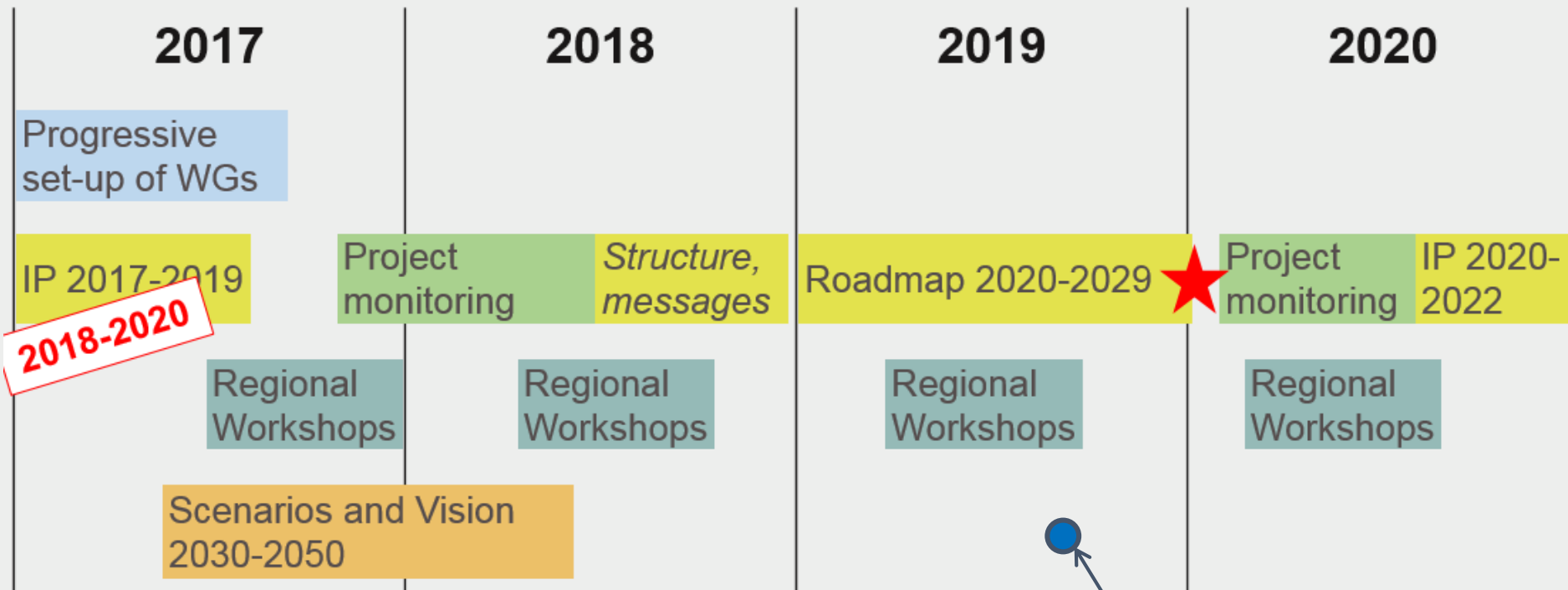
Organisational support: Thomas Otuszewski (EASE)

Annual expert renovation in 2019: 7 new experts joined → Current total number of WG2 experts: **38**

→ **Profiles missing!! – Aggregator, ICT tech. provider...**



Some new candidates have applied to be WG2 experts



WG2 F2F meeting in September 2019



❖ ETIP SNET Roadmap and Implementation Plan

Several experts from different sector provided input; presented in June's workshop by WG2 co-chair.

Main messages delivered by WG2:

- Overall simplification, overlaps correction and reduction of roadmap necessary
- Towards a simple and easy to remember message: **6 actors developing 25 tools (or solutions) carry out 17 actions of 3 different types to reach 23 objectives**
- Include objectives on minimum resource consumption, high recycling rate and critical raw materials
- Discussions on whether non-renewable (fossil) generation should be an enabler → focus on decarbonization
- New enabler proposed on CO₂ capture and utilization





❖ Horizon Europe contribution

Working group 2 organised a workshop in September 2019 to discuss joint proposals for HEU topic, including:

- Integrated hybrid energy storage systems
- Assessment of second-life energy storage systems
- Improve the bankability of energy storage projects
- Sector coupled multi-purpose storages to serve different energy sectors
- Efficient usage of existing storage capacities
- Recover existing low cost storage options
- **Next steps?**
- **How to pass the proposals to the EC?**



❖ White paper on sector coupling

WG2 contributed to the storage chapter

Sent to WG2 experts for final review



❖ Public consultation on the hydrogen partnership

WG2 has drafted an answer to the public consultation and is open for comments from the Governing Board.

Important considerations:

- **Preference for Institutional Partnerships rather than co-funded partnership**
 - Predictable funding by the EC
 - Allows to pass the ETIP SNET vision on Horizon Europe => impact.
 - Avoids regulatory fragmentation by national funding programs
 - State aid rules do not apply
 - Allows for participation of all MS actors, independent of the government interest in the topic
- **The contribution of ETIP SNET is knowledge based**
 - Providing SoA of technologies
 - Identifying technology potentials

Next steps for validation?



❖ Northern & Central Regional Workshop

Petten, 19-20 September, 2019

WG2 representative: Davide Grazioli (TU Delft).

Presented WG2 past activities and next steps.

Proposed specific questions for the roundtable on the following topics: risk of key materials shortage, awareness of consumers role in energy storage, flexibility potential of different storage technologies (size, type, sector and segments), policy/regulatory/market design barriers

❖ South & Eastern Regional Workshop

Paris: 14-15 November, 2019

WG2 representative: Anastasiya Shapochkina

WG2 proposes an EDF project to cover the open slot.



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WG2 next steps

Working Group 2

- Roadmap and Implementation Plan
- Horizon Europe contribution

**Thank you for your
attention !**

