

Involving Civil Society in Energy and Grid Planning

Best practice from Europe with the PAC project approach

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7 December 2022

Who is RGI?

A unique cooperation between industry and civil society actors, promoting fair, transparent and sustainable grid development to enable the growth of renewables to achieve full decarbonisation in line with the Paris Agreement.

The central graphic features the Renewables Grid Initiative logo in a dark blue rounded rectangle. To its left, a light grey rounded rectangle contains logos for Transmission System Operators (TSOs): amprion, REN, elia (Elia Group), EIRGRID, Rte, HOPS, Terna, tennet (Taking power further), TRĀNSNET BW, RED ELÉCTRICA DE ESPAÑA, and 50hertz (Elia Group). To the right, a light green rounded rectangle contains logos for Environmental and climate NGOs: LEGAMBIENTE, rspb (giving nature a home), GERMANWATCH, WWF, CAN (CLIMATE ACTION NETWORK Europe), Friends of the Earth, FRANCE NATURE ENVIRONNEMENT, ZERO, NABU, fer (fundación energías renovables), BirdLife INTERNATIONAL (BIRDLIFE EUROPE), and NATUUR & MILIEU. Below the central graphic, a light grey rounded rectangle contains the Supporting Member logo: europacable® (Try life without us).

Transmission System Operators (TSOs)

Supporting Member: **europacable®**
Try life without us

Environmental and climate NGOs

What does 'European actor' really mean?

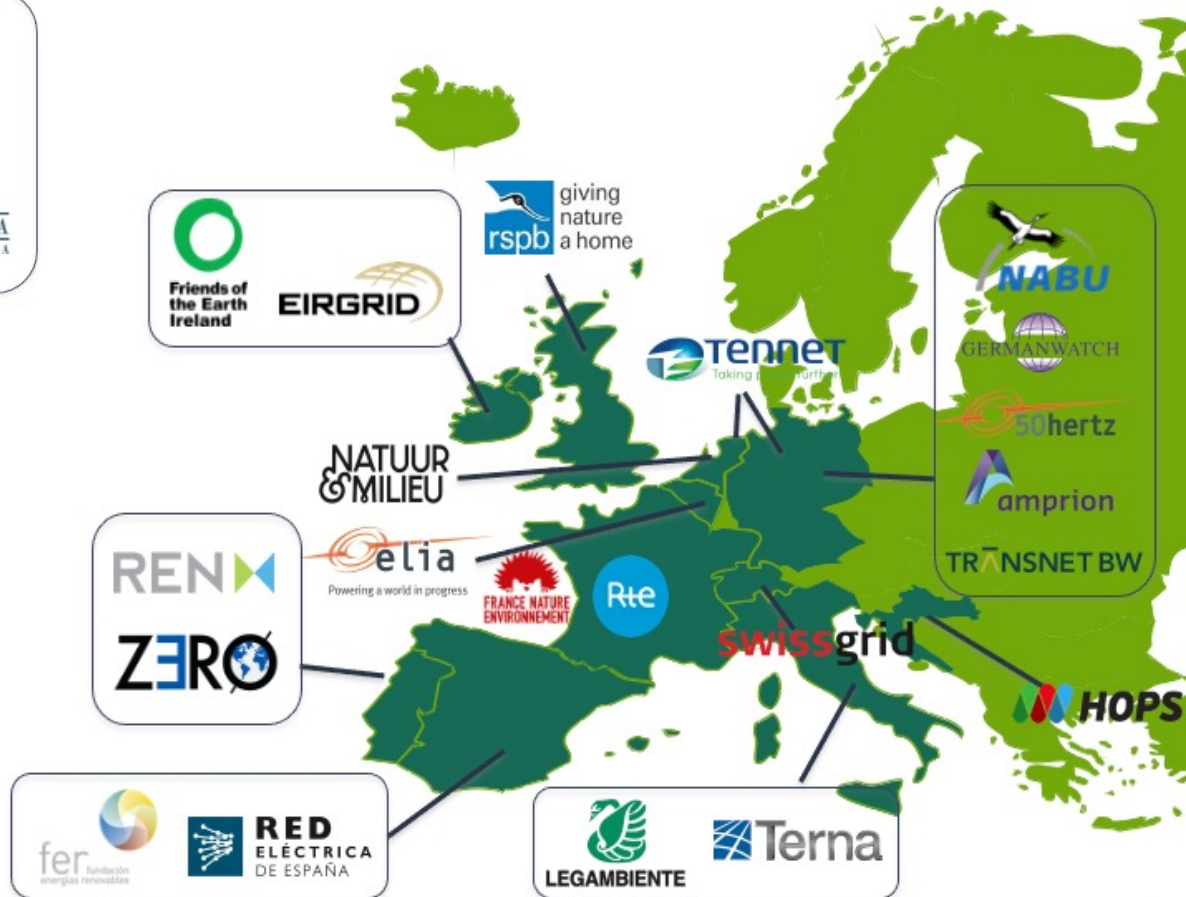
European Organisations

CAN
CLIMATE ACTION NETWORK
Europe

WWF

BirdLife
INTERNATIONAL
BIRDLIFE EUROPE

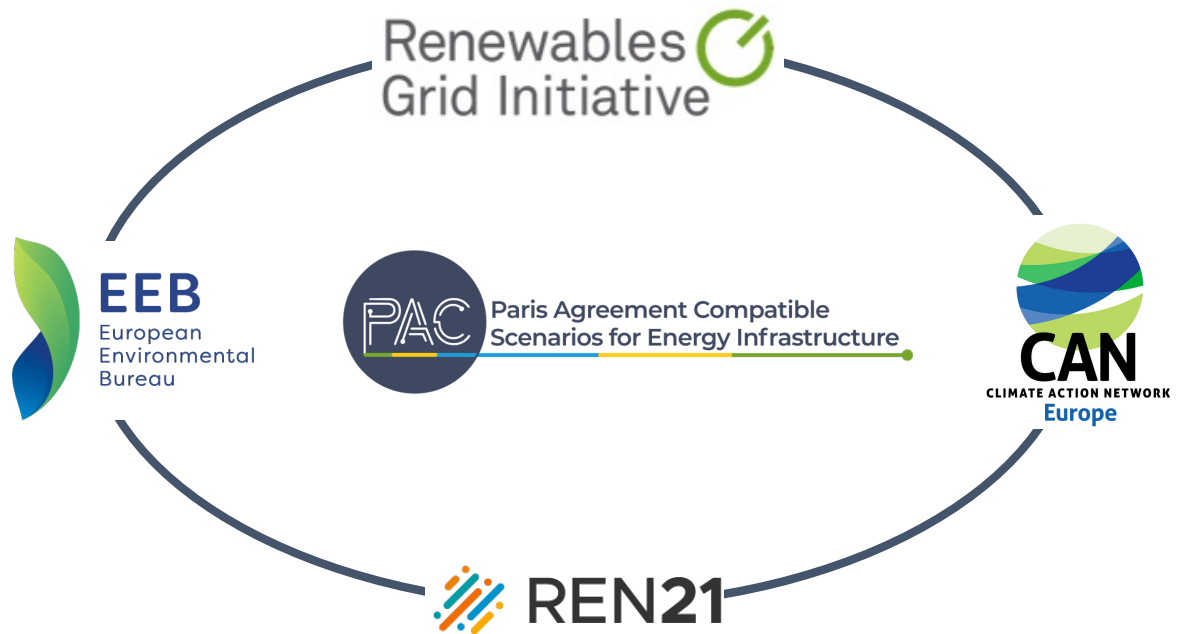
BELLONA
EUROPA



Supporting Members

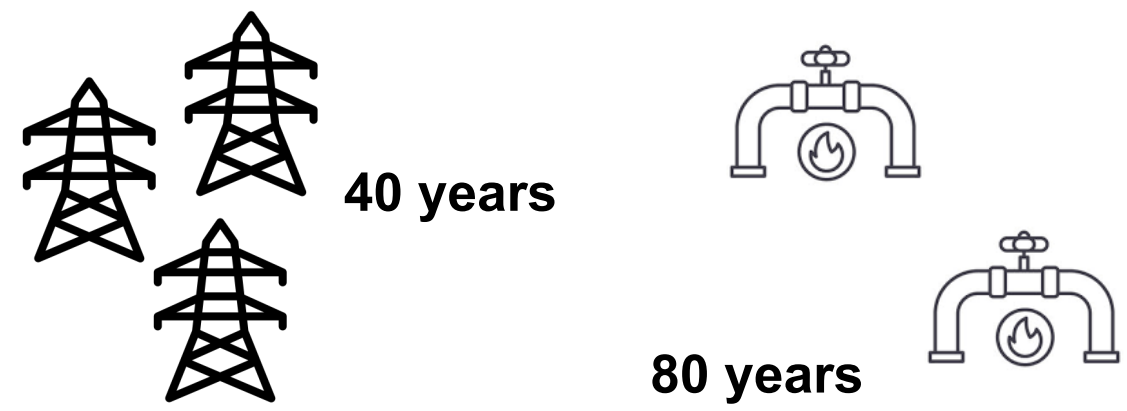
Europacable
Try life without us

The PAC project - background



- Project initiated by civil society as a reaction after signing the Paris Agreement
- Focusing on delivery of the 1.5°C target
- Shifting attention to energy infrastructure

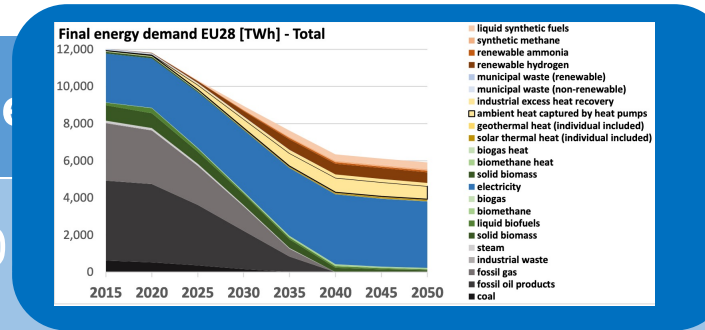
Why energy infrastructure matters for NGOs?



Main objectives of the PAC project(s)

✓ Development of “the PAC European energy scenario”

- 65% reduction in GHG emissions by 2030
- net-zero GHG emissions by 2040,
- 100% renewables in Europe by 2040 in all sectors



Building a Paris Agreement Compatible (PAC) energy scenario
CAN Europe/EEB technical summary of key elements
June 2020



○ Framing the technical, political and societal conditions to implement the PAC scenario

- Further involvement of the civil society in scenario building processes
- Deepen the exchange with emitters and grid operators
- Identification of the **infrastructure and spatial requirements**

Means and goals of the civil society involvement within the PAC project



Inform and improve knowledge among NGOs

Initiate dialogue between key stakeholders



Engagement in expert discussions

Sharing results with policy makers



Exchange best practices with international community

What does it mean in practice...

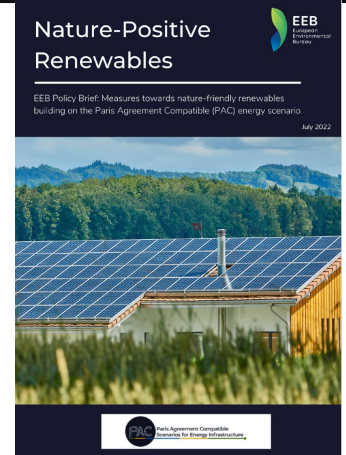
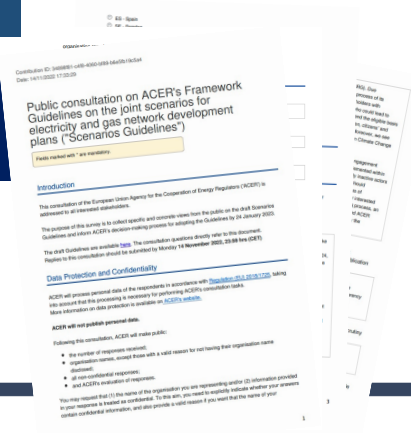
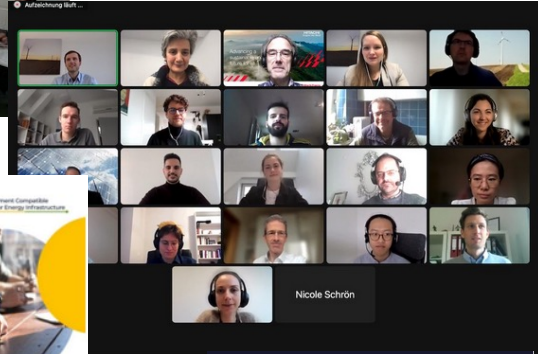
PAC-Scenario Building Workshops

Modellers' Exchange Workshops

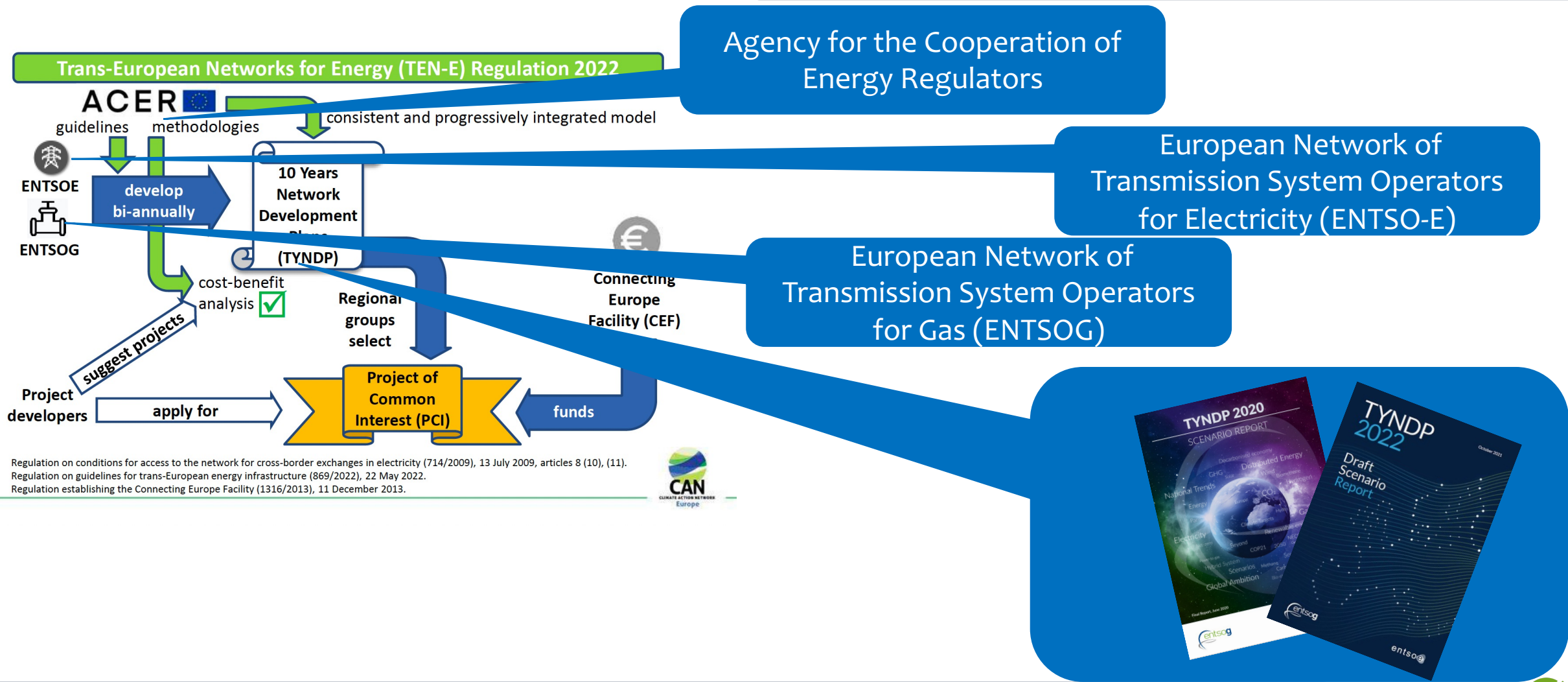
Global Outreach Workshops

Policy Briefs

Direct contributions into the European grid planning



Direct contribution to the European grid planning process

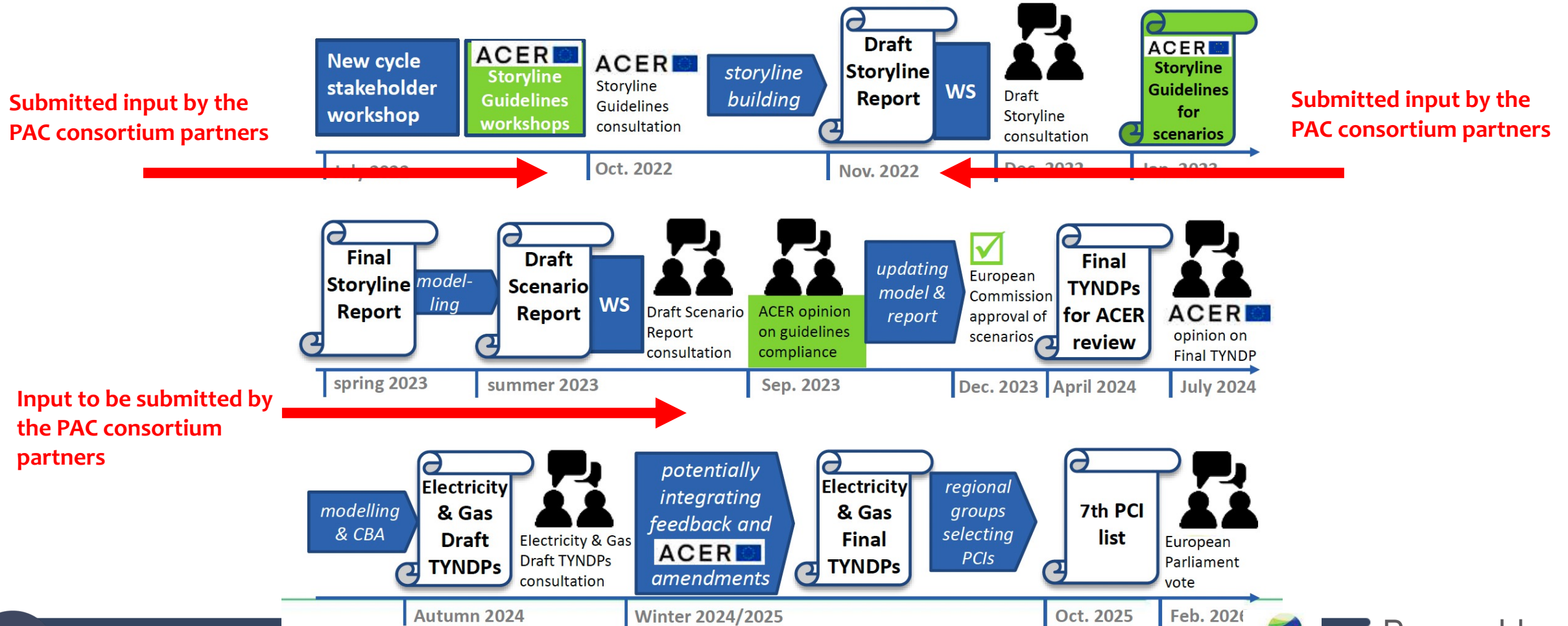


Regulation on conditions for access to the network for cross-border exchanges in electricity (714/2009), 13 July 2009, articles 8 (10), (11).
 Regulation on guidelines for trans-European energy infrastructure (869/2022), 22 May 2022.
 Regulation establishing the Connecting Europe Facility (1316/2013), 11 December 2013.



Direct contribution to the European grid planning process

ENTSOs'/ACER TYNDP 2024 process timeline



Key messages

- The way how the European grid planning process is designed allows civil society actors to actively participate and get involved
- The PAC project enabled to activate civil society actors and increase their capacities to provide substantial input to the European grid planning process
- The PAC scenario is a valuable tool that creates opportunities for this involvement, but requires also relevant updates to reflect the changing environment



Thank you!

PAC Project: <https://www.pac-scenarios.eu/>

Renewables Grid Initiative: <https://renewables-grid.eu/>

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Find us also on LinkedIn: #pacscenarios

