



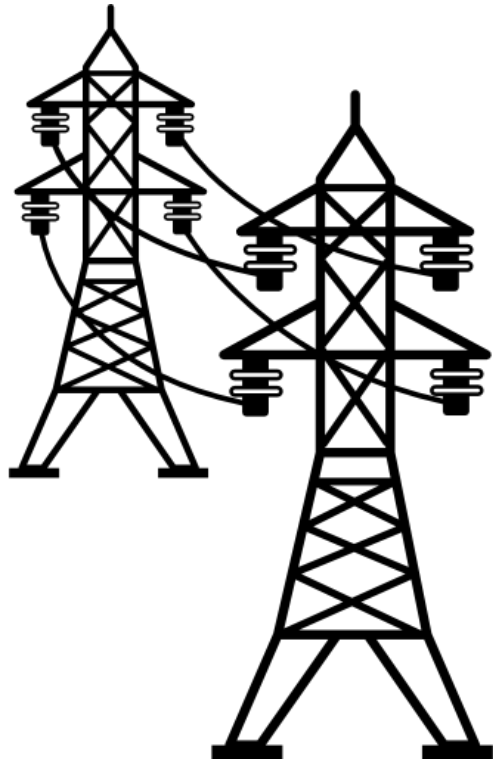
# Preparing Europe's energy infrastructure for prosumers

EREF workshop "PV prosumers on the rise"  
Brussels, 21 November 2019  
Jörg Mühlhoff

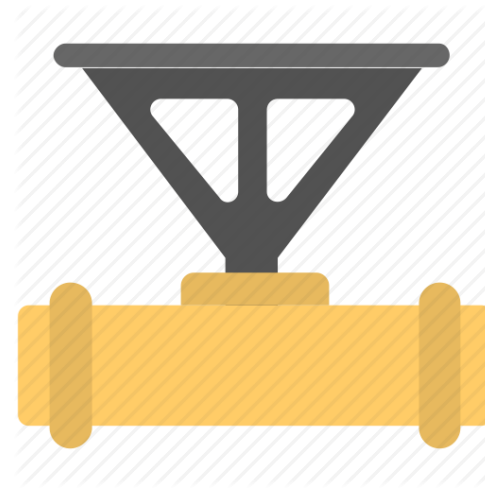
# Agenda

- 1 Is EU energy infrastructure ready for prosumers?**
- 2 Building a Paris Agreement compatible scenario**
- 3 Supporting prosumers, not pipelines**

# Why energy infrastructure matters



40 years



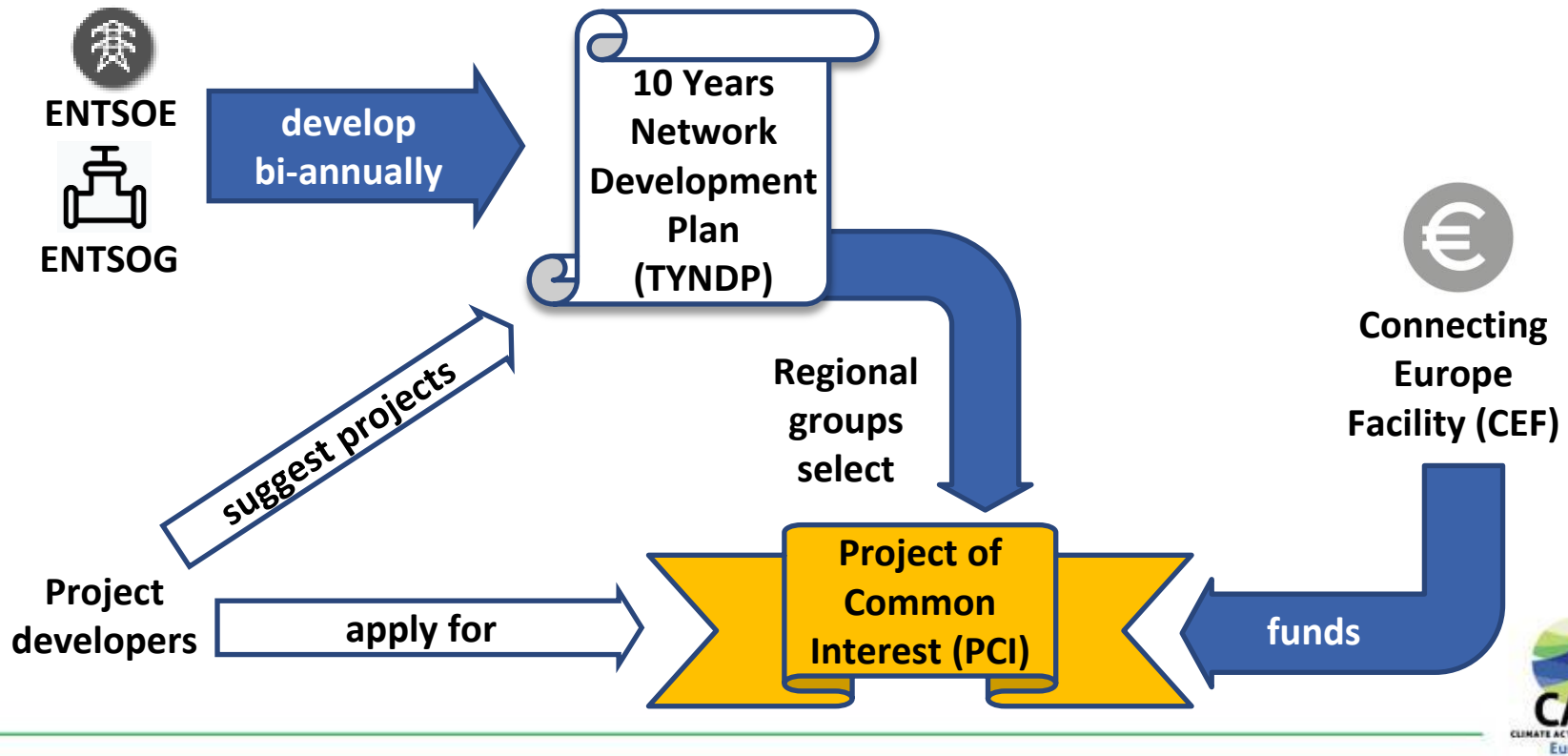
80 years

# Why energy infrastructure matters



# How the EU plans its energy infrastructure

## Trans-European Networks for Energy (TEN-E) Regulation 2013



# Building a Paris compatible scenario



# Building a Paris compatible scenario

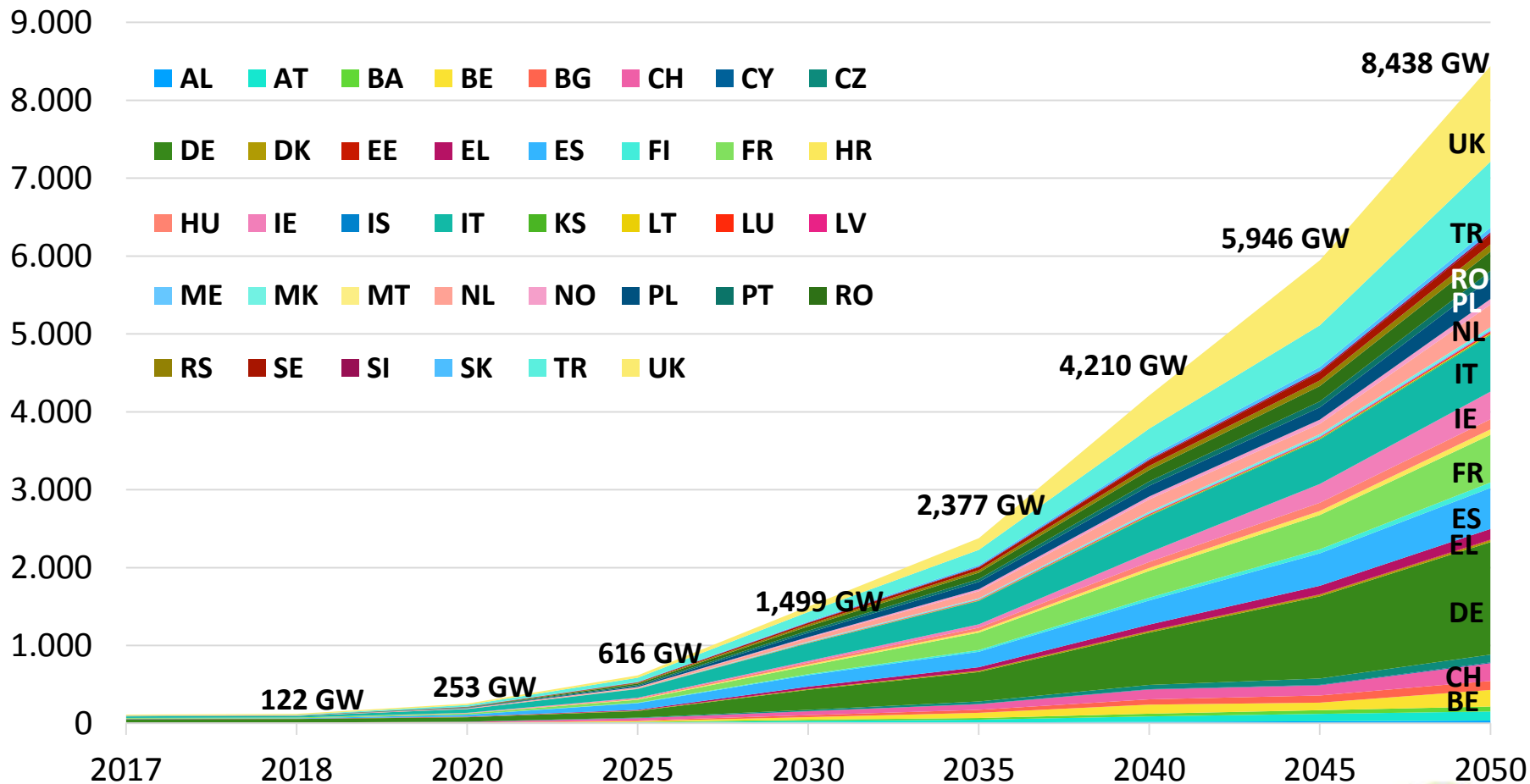
- Net zero emissions by 2040
- 100% renewables by 2040
- 65% GHG reduction by 2030

Submit our  
PAC scenario  
as input for  
TYNDP 2022

# Building a Paris compatible scenario

DRAFT

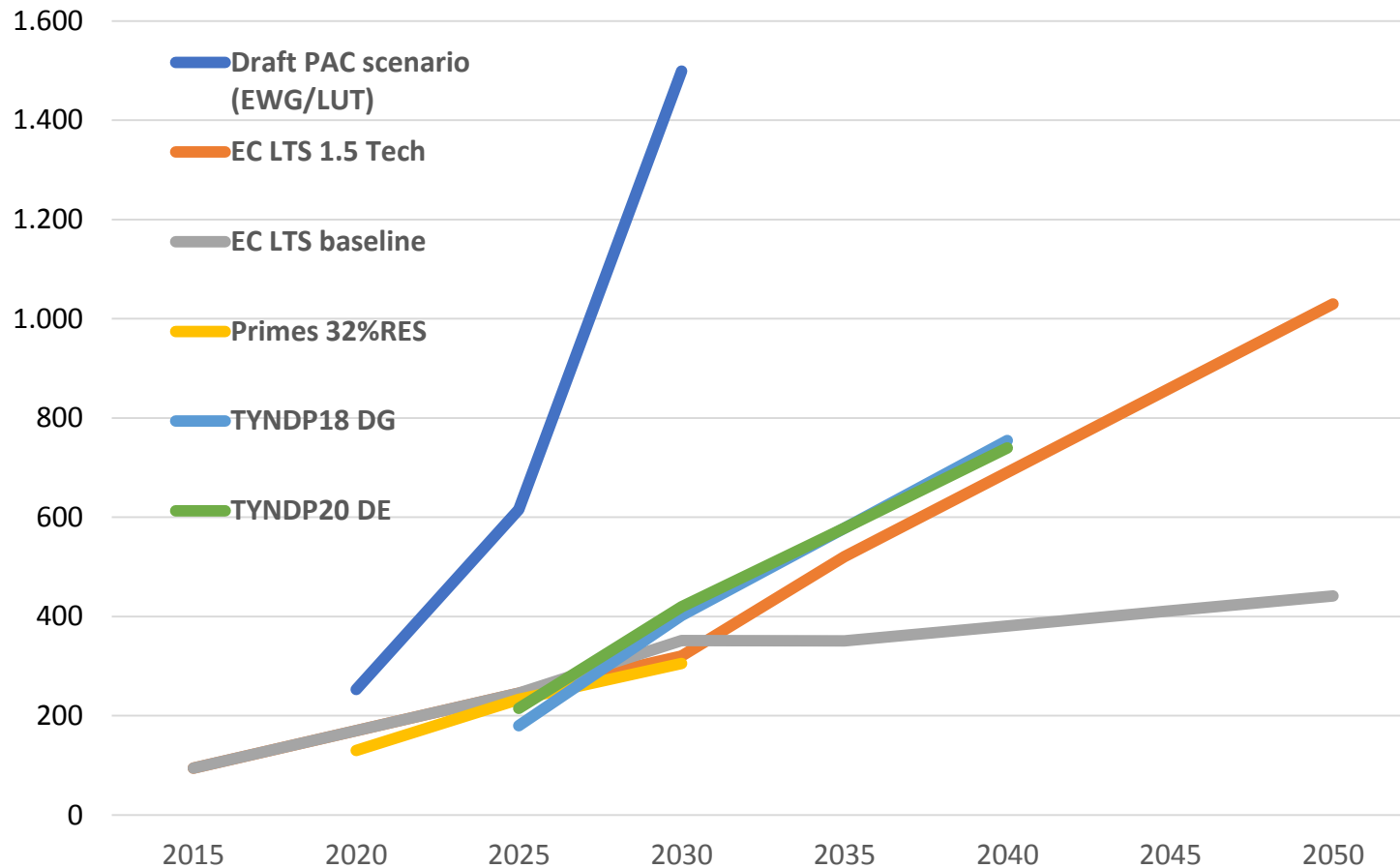
## Generation capacities of solar PV in TYNDP countries (GW) in EWG/LUT model



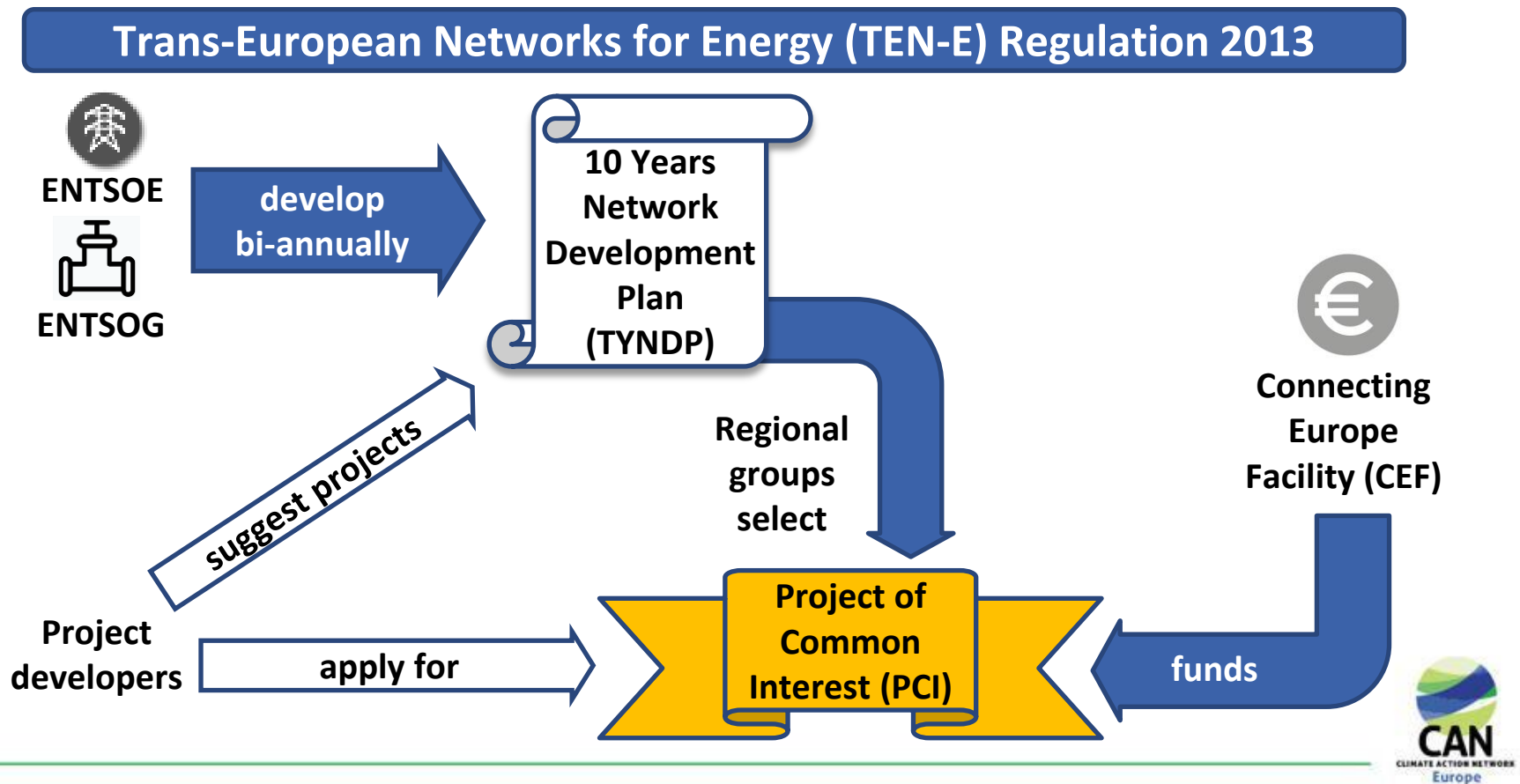


# Building a Paris compatible scenario

## Generation capacities of solar PV in different EU28 scenarios (GW)



# Supporting prosumers, not pipelines

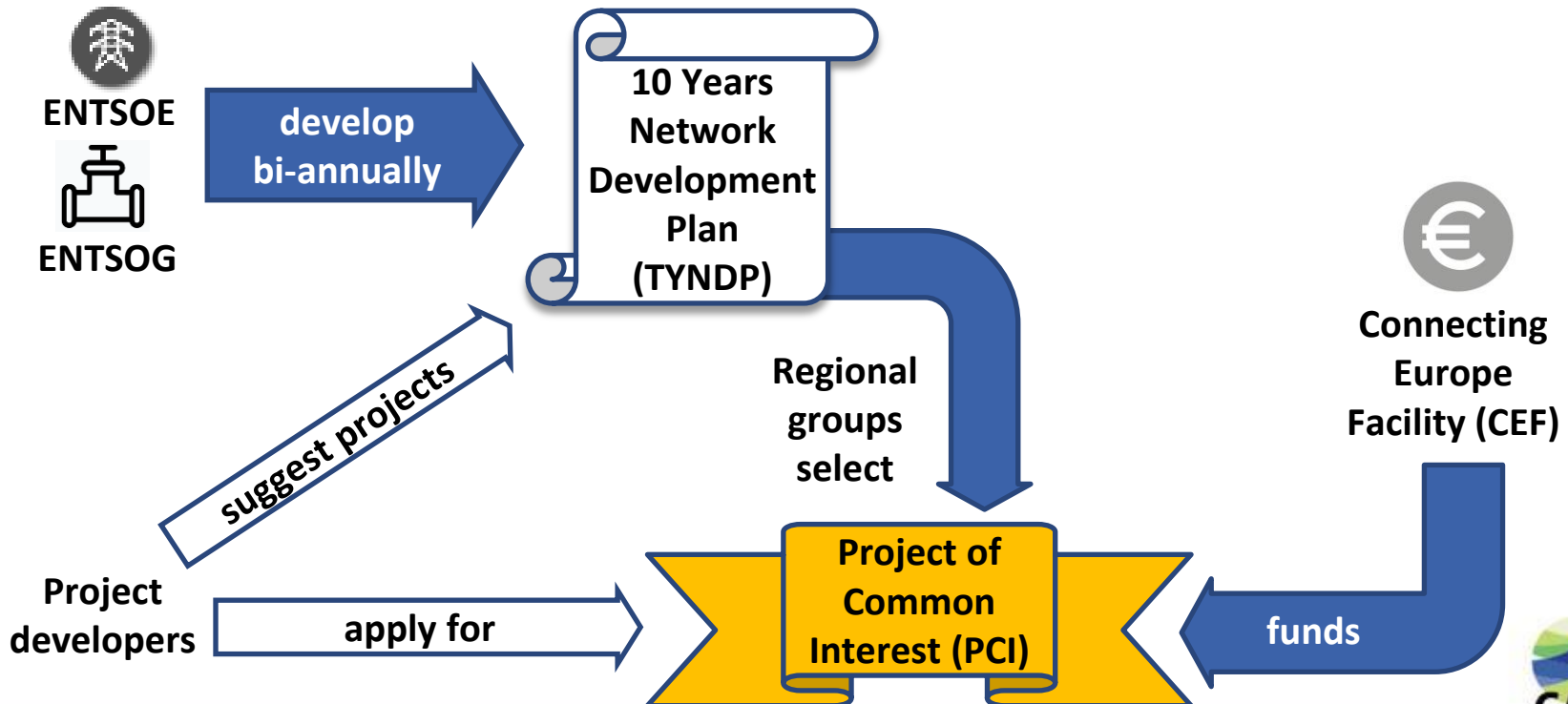


# Supporting prosumers, not pipelines

Paris Agreement 2015

Clean Energy Package 2018

Trans-European Networks for Energy (TEN-E) Regulation 2013



# Supporting prosumers, not pipelines

## TEN-E & PCIs:

- e.g. finance energy communities easing the grids
- e.g. support DSOs tapping prosumers potential for more efficient grid management

## TYNDP 2020:

- Join consultation by Jan. 2020





Thank you for your attention!  
[joerg@caneurope.org](mailto:joerg@caneurope.org)