

# **Policy proposals beyond 2020**

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# About SEFEP



- Non-profit recently founded by the Mercator Foundation and the European Climate Foundation
- At least 70% renewable power by 2035 is the most certain pathway to reaching Europe's climate and security objectives
- Platform to stimulate cooperation among all European actors who aim to build a de-carbonised, renewable power sector
- SEFEP is at the centre of the European energy debate post 2020: obviously for RES & efficiency, neutral on how to do it  
(as long as it works!)

2020: do we know where we'll be?



# Worth getting a broader sight



# Things we know about the future

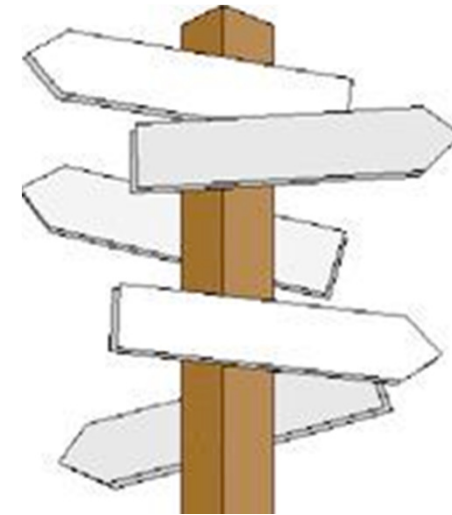
- We must! (but we knew this already)  
Sustainable power system will be more urgent than ever
- **Yes, we can! (and this is new)**  
Technical feasibility of 90-100% renewable power system widely accepted (several scenarios)
- Yes, it is a sound business plan for society!  
The upfront investment will start making profits for society already within two decades, in many cases earlier
- We certainly won't regret investments we will do this decade

# Some of the things we don't know



- European integration: deepening, stagnation, or backlash?
- Mix of EU vs. nation-driven energy policy?
- Will we be able to build out the European grid as desirable?
- Will market integration, unbundling progress as we hope?
- Learning curves of single technologies and arrangements ...

# Which pathway in partial uncertainty?



- Keep oriented on the right direction for final destination
- Keep flexibility to get around local obstacles
- Collaborate with others on the same way



# Big and small, we need them all



- Start work now to reap the high-hanging fruits in the future
  - Large scale offshore wind, solar thermal power
  - Grid infrastructure (North Sea, interconnectors, Mediterranean)
  - Advanced storage technologies
  - Demand response, smart grids
- Continue reaping the low hanging fruits meanwhile
  - Efficiency, efficiency, efficiency
  - Deploy large amounts of RES technologies available today
  - Reform power markets to support variable generation
  - Serious unbundling of former monopolies
- Don't put all cards on one horse: we need centralised and decentralised solutions



# Some ongoing activities of SEFEP



- 100% RES-E roadmap developed with PwC
- Metastudy on high renewables scenarios for Europe
- Acceptance for grid expansion (Renewables Grid Initiative a.o.)
- Synthesis of centralised and decentralised visions
- Support for Member States fighting to achieve 2020 targets
- Redesigning power markets for high shares of renewables
- Engaging all relevant stakeholders on a constructive discussion

Thank you for your attention!

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