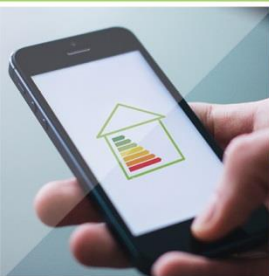




European  
Commission



# New Framework for Renewable Energy and BEMIP cooperation

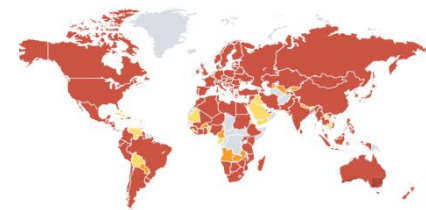
26 September 2018

Dr. Anne-Maria Ide  
Baltic Offshore Grid Forum, Hamburg

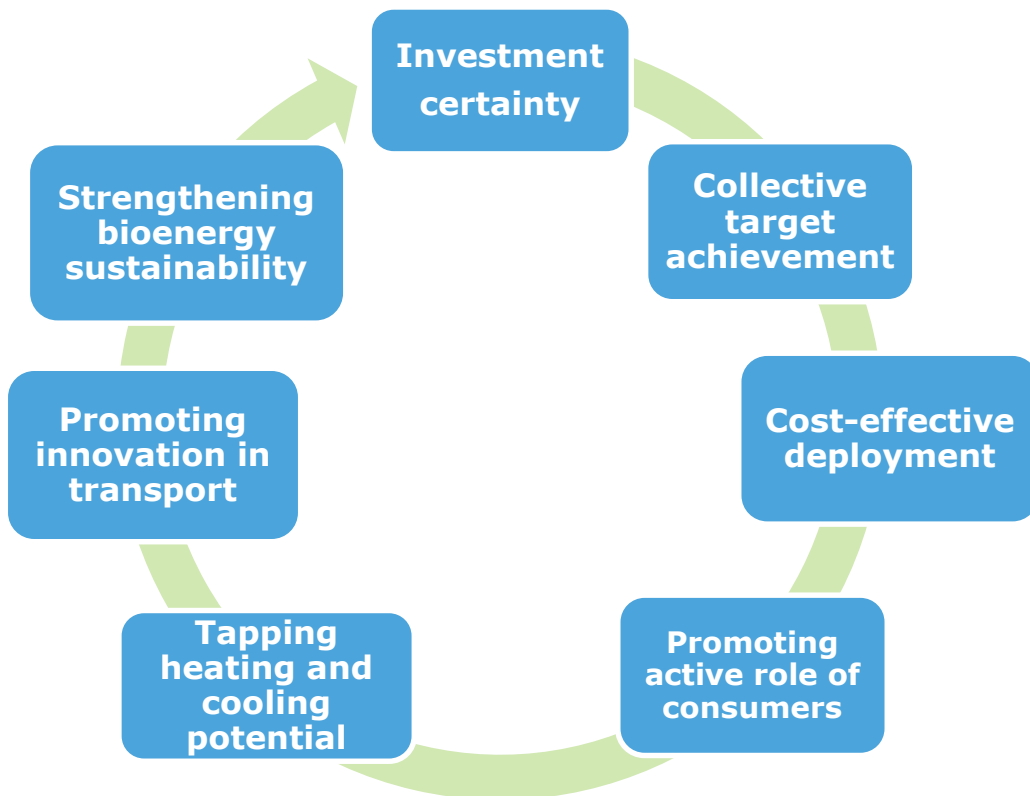


## SETTING THE SCENE

- **Falling costs of renewables worldwide**
- **EU first mover** – today, 173 countries have renewable energy targets
- **How to retain leadership?**
  - Explore new areas for competitiveness: integrated systems, offshore, small-scale and decentralized solutions
- **Domestic benefits:**
  - ~ 1.4 million jobs
  - Reduced import dependency
- **Looking ahead:**
  - Increase efforts across sectors
  - Integrate high RES shares
  - Decentralize + empower consumers



## 2030 FRAMEWORK THE REVISED RENEWABLES DIRECTIVE – KEY OBJECTIVES



Contributing to the EU political priority of **world leadership in renewables**

&

**Achieving the at least 32 %** EU-level binding renewables target cost-effectively

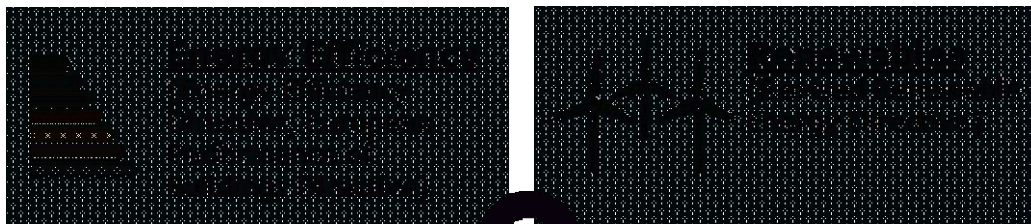
## THE RIGHT REGULATORY FRAMEWORK FOR POST – 2020

*" In essence the new package is about tapping our green growth potential across the board"*

*Commissioner Miguel Arias Cañete (2016)*



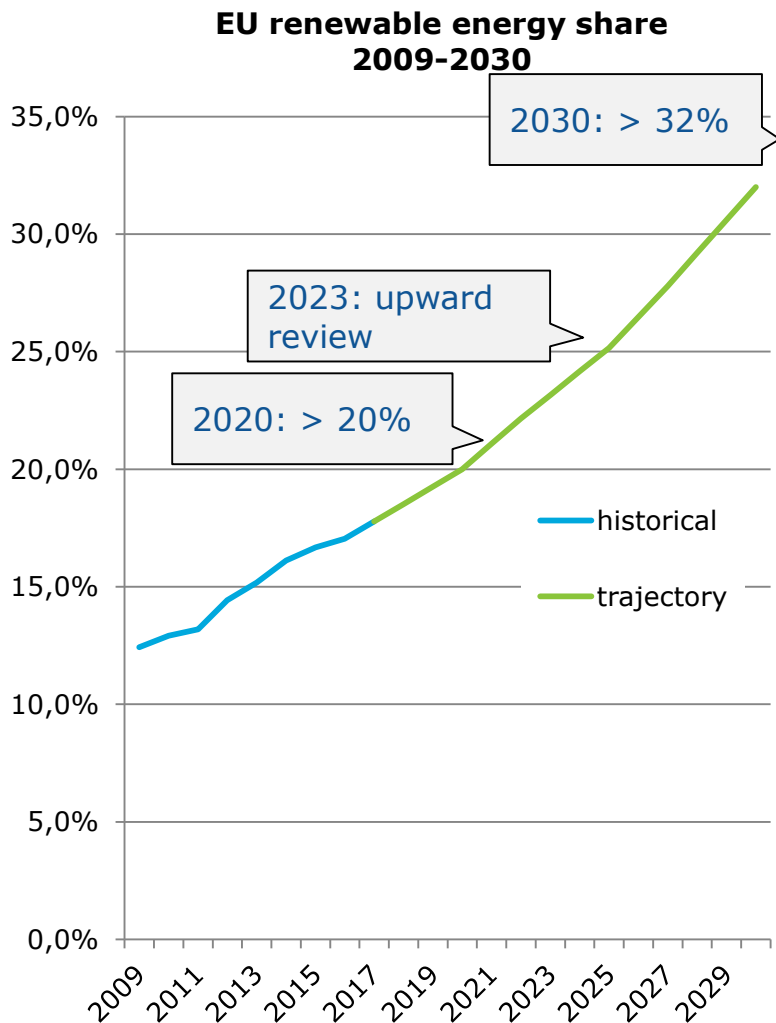
**Energy Union  
Governance**



**New Electricity Market Design**  
(including Risk Preparedness)

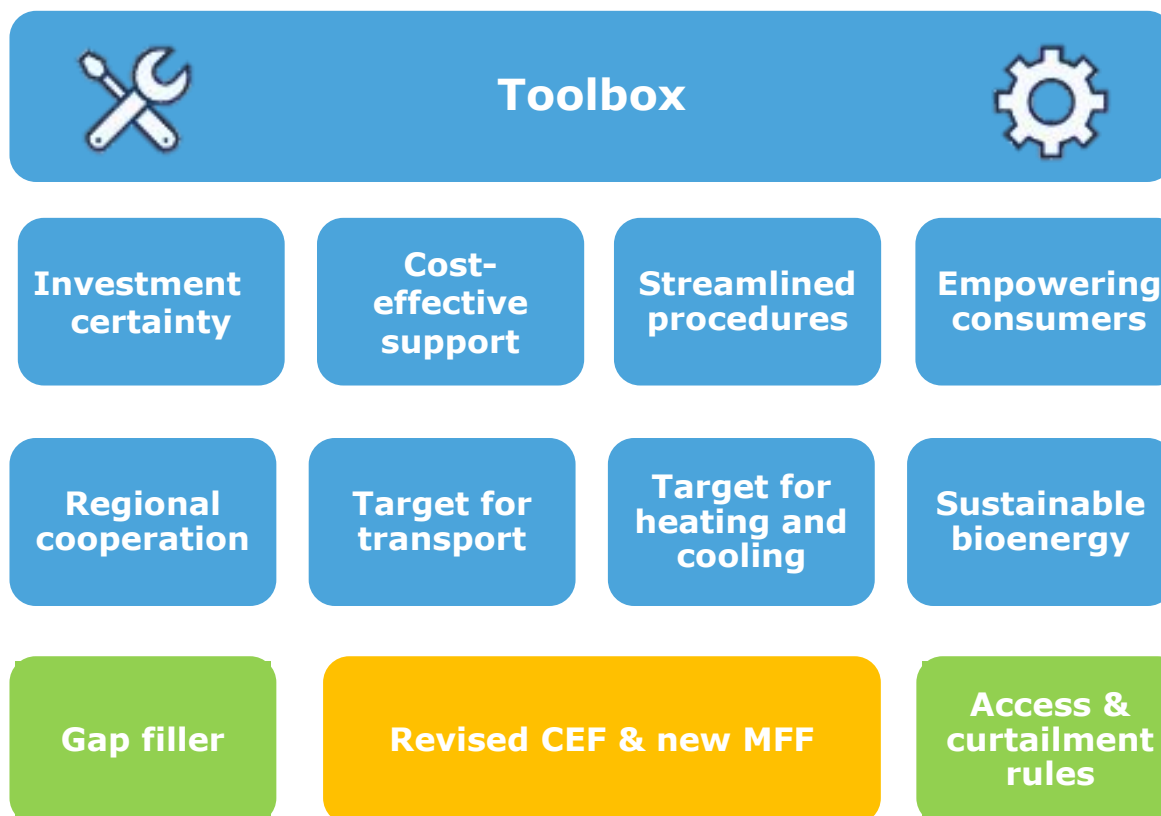


## MOVING TO A NEW MORE EUROPEAN APPROACH TO RENEWABLES

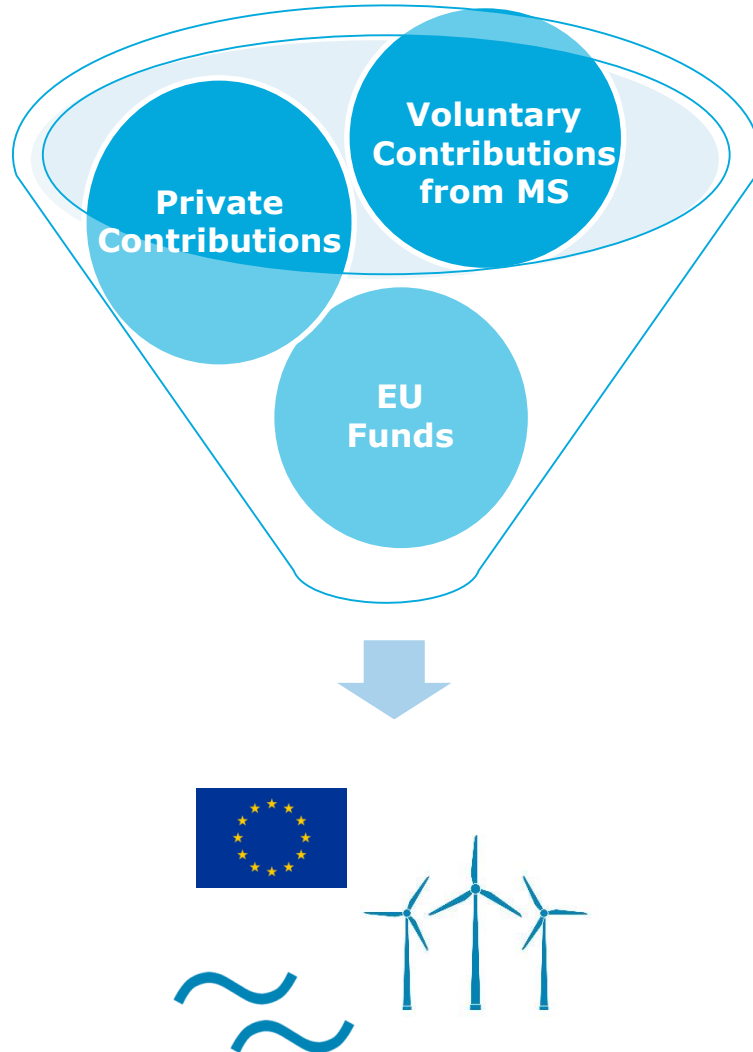


- **Binding EU-target of at least 32%** (upward review in 2023)
- Underpinned by **national contributions**
- **Formula** to assess contributions (in case of ambition gap)
- **Collective responsibility** of target achievement
- **Joint measures** (EU financial platform)

## A SET OF WELL-BALANCED MEASURES TO GET TO AT LEAST 32%



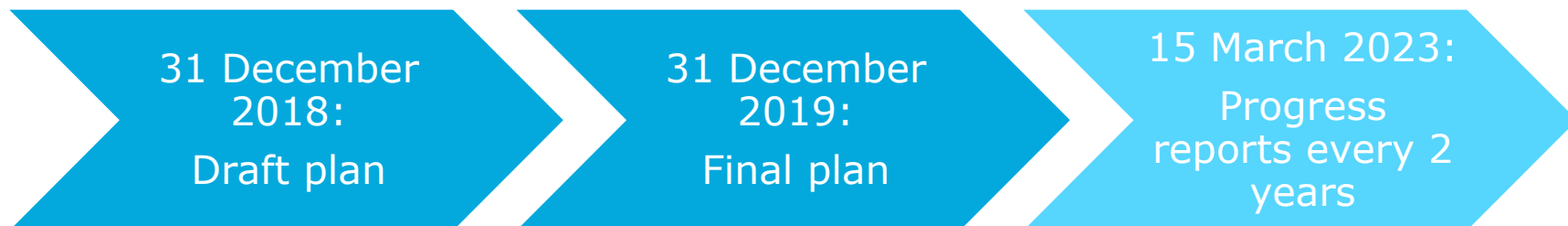
## POOLING CONTRIBUTIONS FOR EUROPEAN PROJECTS



**Financing mechanism to tender support for renewable energy projects in the EU to:**

- **Cover deployment gaps**
- **Ensure a cost-effective deployment** in the absence of any gap
- To be established by 2021 (Implementing At)

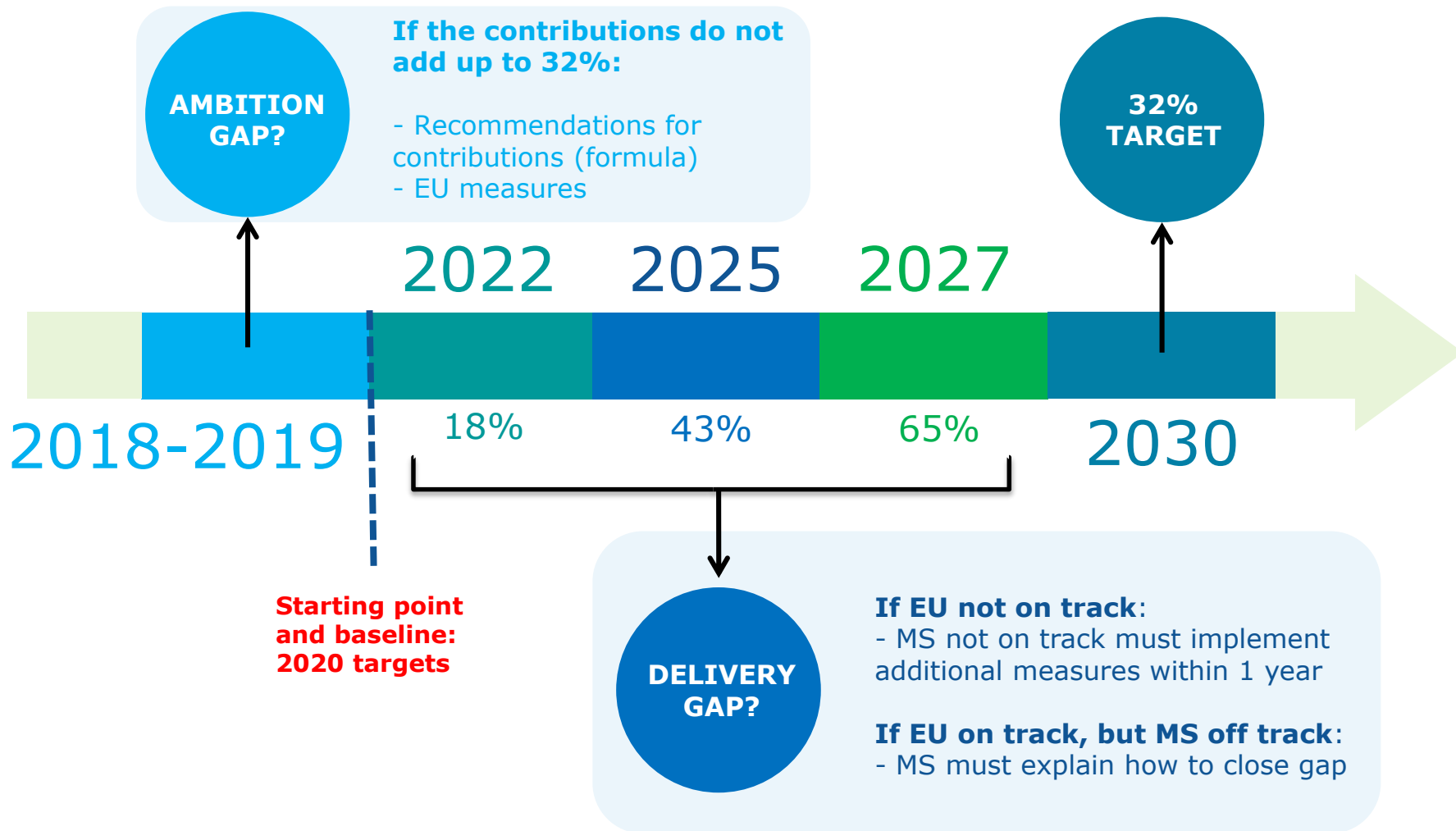
## PLANNING AND REPORTING



- ✓ Planning and reporting obligations on renewables are now integrated in **energy and climate plans and progress reports** (Governance Regulation)
- ✓ **Integrated national plans:**
  - RES Objectives and trajectories
  - Policies and measures
- ✓ **Integrated national progress reports:**
  - Assessment of the implementation of the plans
- ✓ **Monitoring by the Commission**



## ENSURING THE TARGET IS ACHIEVED



## ENHANCED FINANCING TOOLBOX TO SUPPORT RENEWABLES



**EU Funding Instruments supporting  
RES in the next MFF**



**INCREASED CLIMATE MAINSTREAMING ACROSS EU BUDGET (25%)**

**Cohesion  
Funds**

**Invest EU**

**Horizon  
Europe**

**Connecting  
Europe  
Facility**

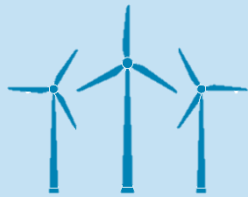
**LIFE  
Clean Energy  
Transition  
Program**

**Innovation  
Fund\***

## NEW CONNECTING EUROPE FACILITY

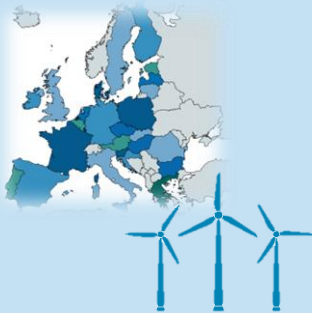
### - Cross-border projects in the field of renewable energy -

WHY?



- **New political context for 2030 renewables objectives: EU target and regional cooperation**
- **55 % share of RES in EU electricity in 2030**
- **Cost-effective RES deployment**

WHAT?



- **Facilitate RES projects under a cooperation agreement between 2 or more MS**
  - **Support uptake of strategic RES technologies**
- ***Up to 10% of CEF-E Budget (= € 865 mln)***

HOW?



- **Technical assistance, blending (grants for studies)**
- **Financial support (grant for works) to limited number of projects with clear EU-added value**
- **As part of synergy projects €**

## BEMIP WORK ON RES

### National Energy and Climate Plans

- **Exchange on the preparation** and **coordination** of national Energy and Climate Plans
- **Exchange on implementation** of plans (at later stage)

### Offshore Wind Cooperation Initiative

- **Study** on a Baltic Sea Offshore Wind Cooperation
- **Identify potential joint offshore wind projects** (generation and grid, including options for joint projects)

### RES Support Schemes/ Policy measures

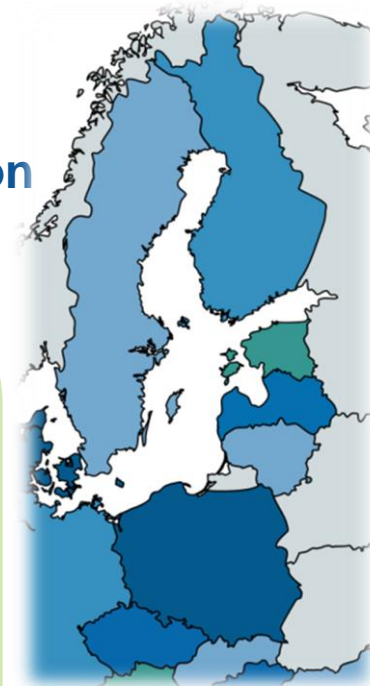
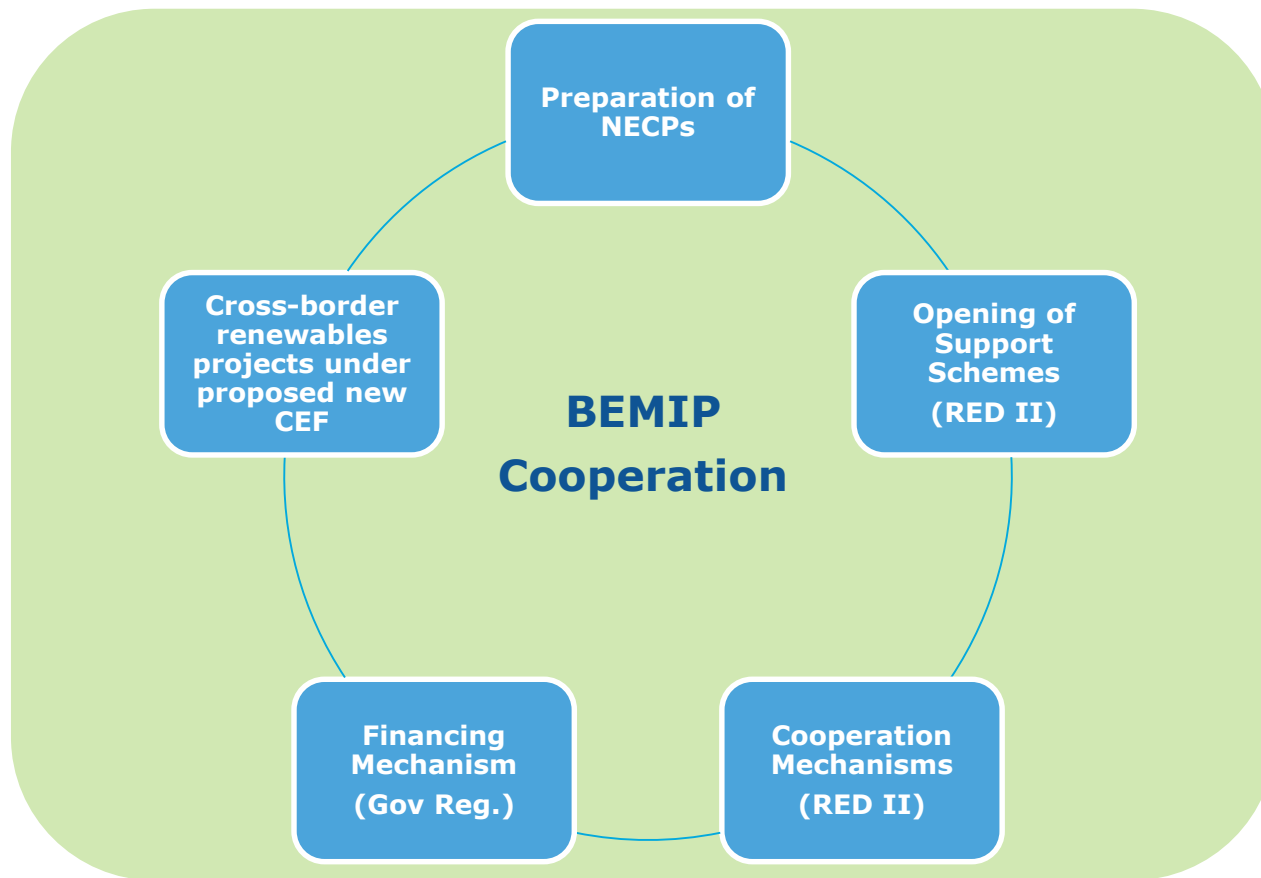
#### Electricity, Heating and Cooling, Transport

- **Best practice exchange**
- Identify suitable **options for closer alignment**
- Identify suitable **options for cross-border support** (partial opening of support scheme/joint support schemes)

## STUDY ON OFFSHORE WIND IN THE BALTIC SEA

1	Assessment of offshore wind potentials & Prioritisation of sites	List of potential wind farm locations incl. their capacity factors, assumed connection points, and estimated build and connection costs
2	Scenario modelling & Identification of possible PCIs	Simulation results for regional power system assuming different levels of both offshore wind deployment and of regional cooperation (incl. prices and flows)
3	Grid modelling & CBA of grid investment options	Simulation results for regional transmission system that identifies network bottlenecks; a CBA of options to address these
4	Market and regulatory barriers	Country-specific factsheets on the current market design and support framework, an overview of barriers to deployment and recommendations to address these
5	Planning and permitting barriers	Country-specific factsheets on maritime planning and permitting processes, an overview of barriers to deployment and recommendations to address these
6	Roadmap and work programme	Well-specified and actionable roadmap and work programme for a Baltic Sea offshore wind cooperation initiative
7	Stakeholder workshop	Content and stakeholder management for a workshop to present our results and provide stakeholders with an opportunity to comment on the project's work

## New 2030 framework for renewable energy : Even more important role of BEMIP cooperation

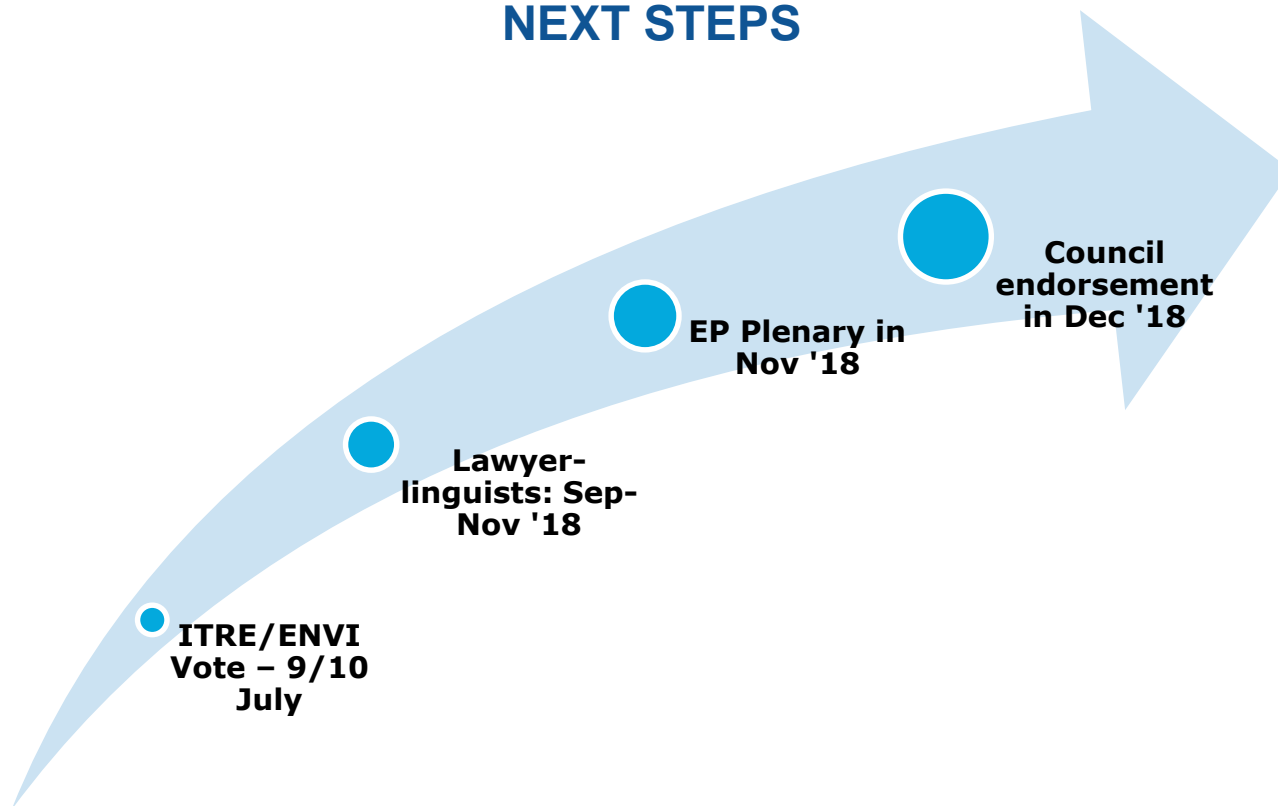


**Thank you for your attention.**

# BACK UP



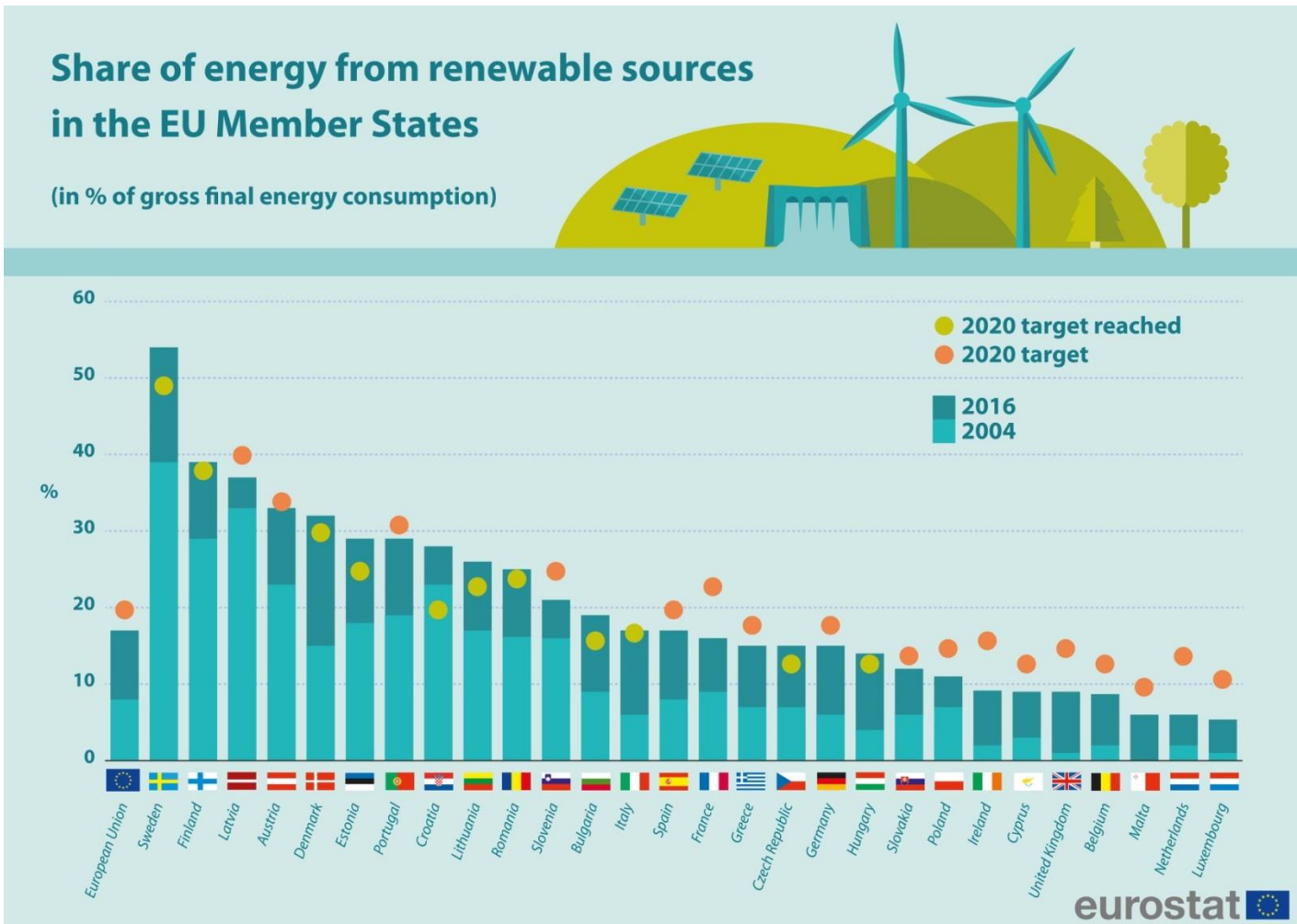
## NEXT STEPS



**RED II Transposition by June 2021**

**Follow Up: Delegated Acts, Implementing Acts, Reports etc.**

# STATE OF PLAY - PROGRESS TOWARDS NATIONAL 2020 TARGETS



Source: EUROSTAT Shares 2016

eurostat

The current project plan is designed to support countries' National Energy and Climate Plans but requires quick decisions on the scenario design (discussed later)

