

A Decarbonization Roadmap for the Energy Community

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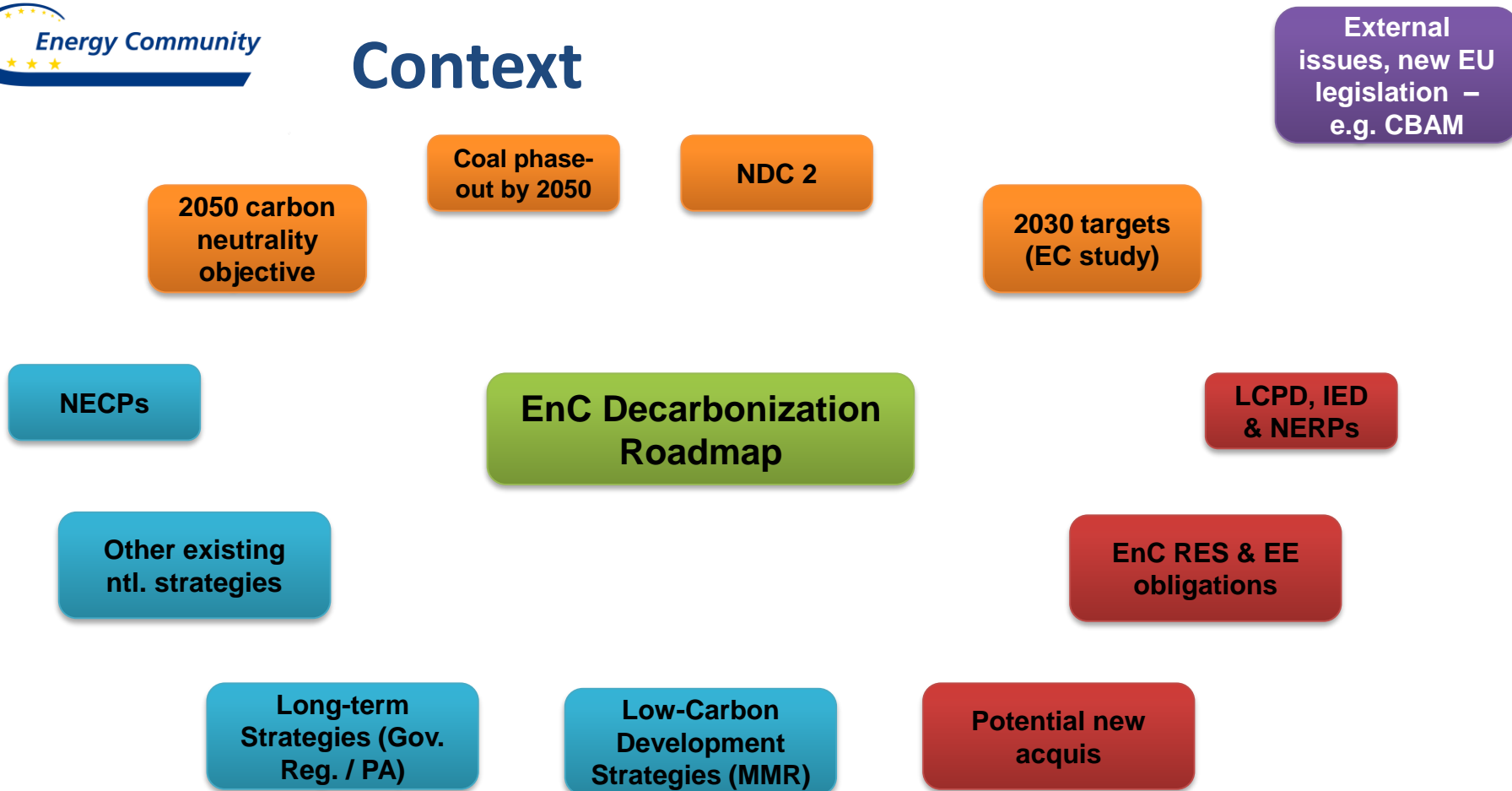
The European Commission in cooperation with the Secretariat will launch preparatory work on developing a decarbonisation roadmap for the Energy Community until 2030 and beyond in the framework of the Energy and Climate Committee and its technical working group.

Ministerial Council conclusions 17.12.2020

Areas typically covered by a DR



Context



EU legislative initiatives with possible impact

- European Climate Law (Regulation) and 2030 Climate Target Plan;
- Regulation on the Just Transition Fund;
- Revision of the EU Emissions Trading System (ETS);
- Carbon Border Adjustment Mechanism (CBAM);
- Effort Sharing Regulation;
- Renewable Energy Directive;
- Energy Efficiency Directive;
- Regulation on the inclusion of greenhouse gas emissions and removals from land use, land use change and forestry;
- Reducing methane emissions in the energy sector;
- Energy Tax Directive;
- Directive on deployment of alternative fuels infrastructure;
- Regulation setting CO₂ emission performance standards for new passenger cars and for new light commercial vehicles;
- Energy Performance of Buildings Directive;
- Third Energy Package for gas.

Principles and possible scope

- **Use existing sources of information and studies, based primarily on CP data;**
- **Do not duplicate existing national strategies / policy documents;**
- **Work with CPs building on their planned policies and measures but also taking a “helicopter view” to see consistency on the regional level;**
- **Assume full compliance with EnC acquis and other obligations (AAs, PA, Sofia Declr., carbon pricing);**
- **Targeted scope: sectoral decarbonization roadmap for the electricity sector (with potential extension to heating and possibly other areas)**
- **Planned timing: in the course of 2021**

Questions to tackle

Trajectories Carbon price
Regional pathways **Costs**
Regional optimization Policy scenarios
Coal phase-out by 2050
Generation adequacy Fossil fuel subsidies
Renewables LCPD and IED compliance
Emission trading **Electrification**
2030 targets
Security of supply

Possible challenges

- **Availability of up-to-date data for all CPs (WB6 and EaP);**
- **Consistency among different various commitments/pledges and policies/strategies(?);**
- **CP representatives' capability to participate in the process while attending to other commitments;**
- **Uncertainty of internal and external policy developments (e.g. national policies, EU initiatives e.g. CBAM);**
- **Impact of planned scenarios on non-electricity sectors.**

Next steps

- **Development of the concept and research questions;**
- **Establishment of peers in CPs and in the EC;**
- **Following-up with ECC, TWG, ETF, EECG and RECG.**



THANK YOU
FOR YOUR ATTENTION

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