



European
Commission

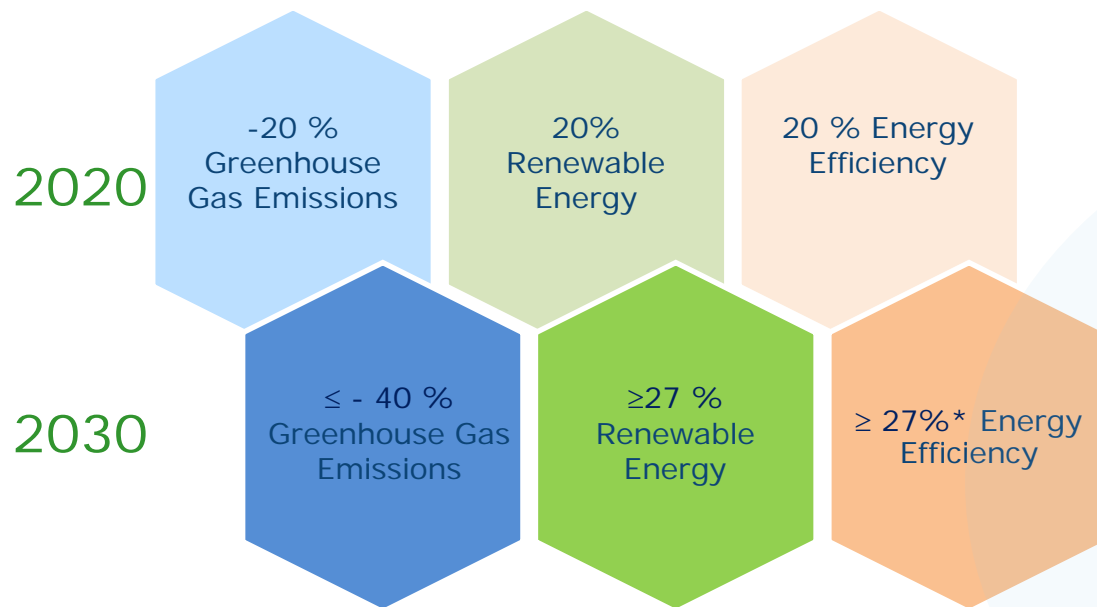


CLEAN ENERGY FOR ALL EUROPEANS

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European Commission – DG ENERGY

WHY DO WE NEED THIS PACKAGE?



Global Leadership

Commission's 10 Priorities – Ambition to Become Global Leader in Renewables

WHAT ARE OUR GOALS?

Creating jobs & growth, bringing down greenhouse gas emissions, securing energy supply



Putting energy efficiency first



Demonstrating global leadership in renewables



Delivering a fair deal for consumers

HOW DO WE GET THERE

The right regulatory framework for post – 2020



Energy Union Governance



Energy Efficiency
(Energy Efficiency Directive, Energy Performance of Buildings Directive)



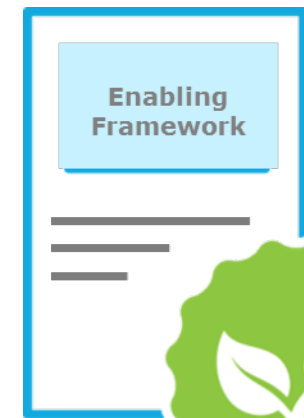
Renewables
(Revised Renewable Energy Directive)



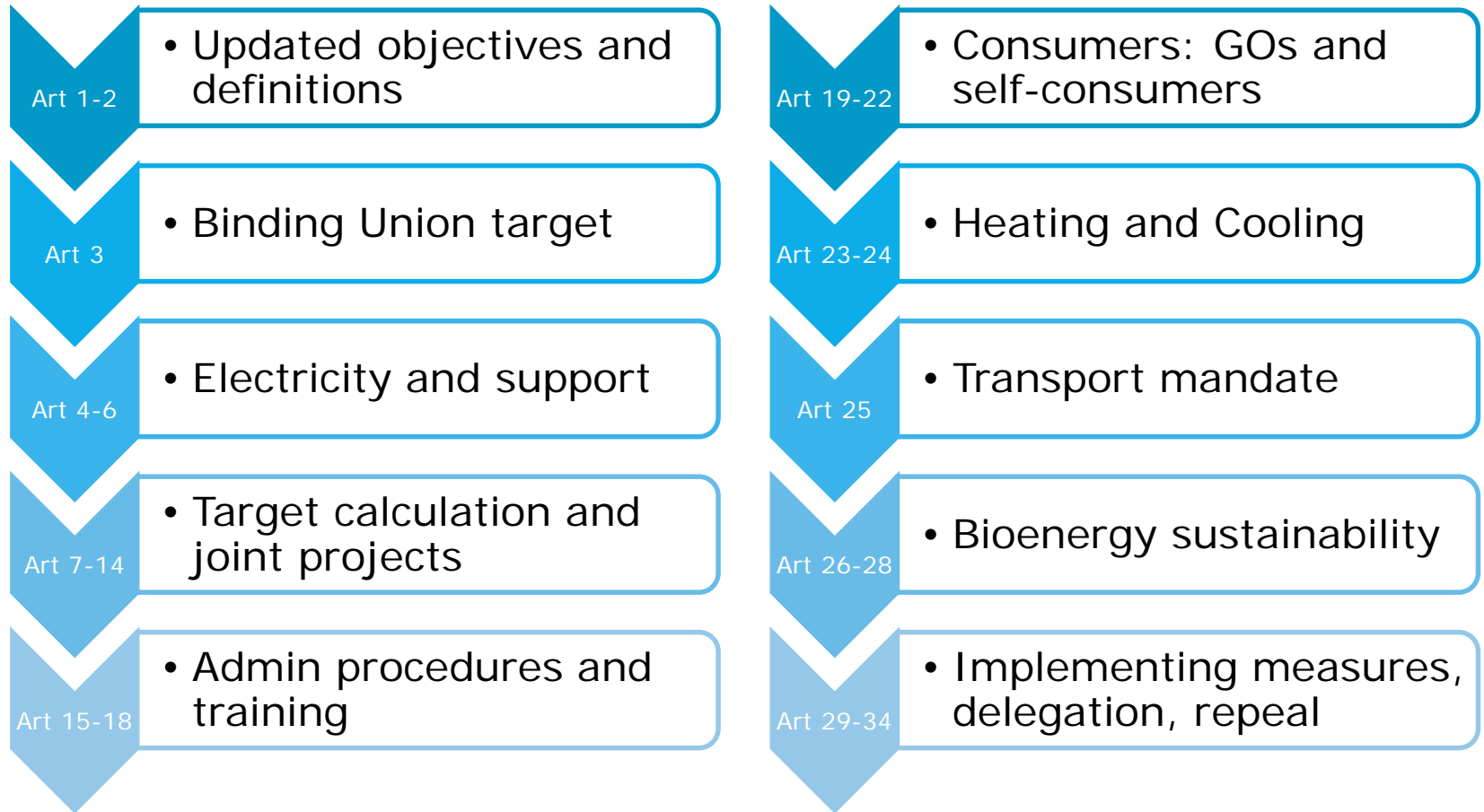
New Electricity Market Design
(including Risk Preparedness)



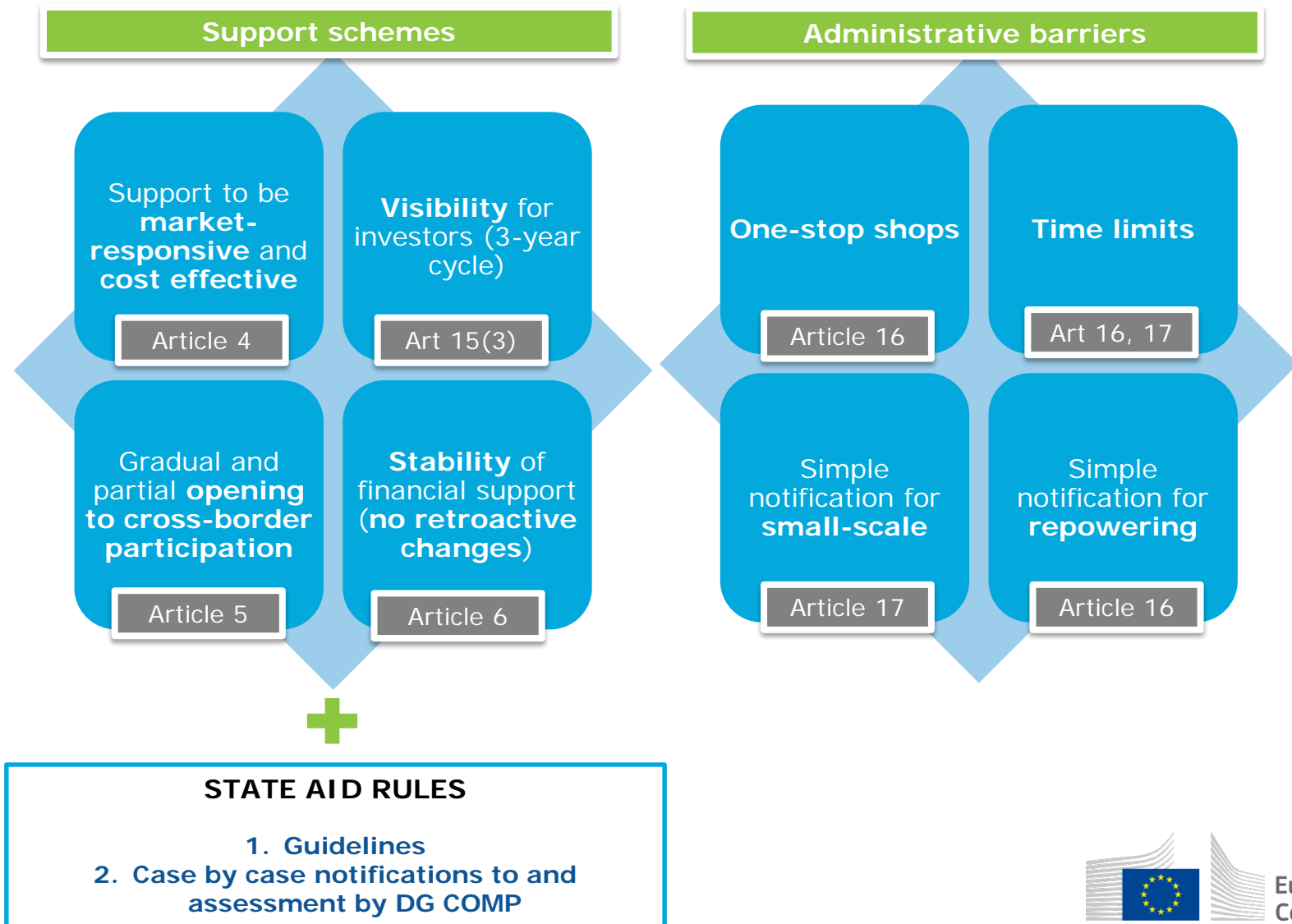
Energy prices and costs report



The Renewable Energy Directive

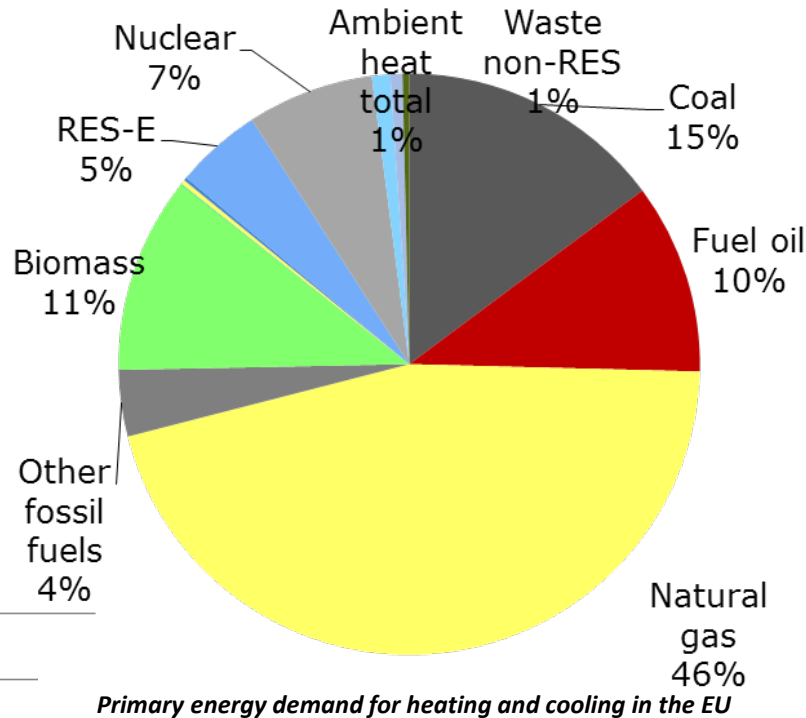


A Stable Framework for Renewable Electricity



Increasing the renewable share in heating & cooling

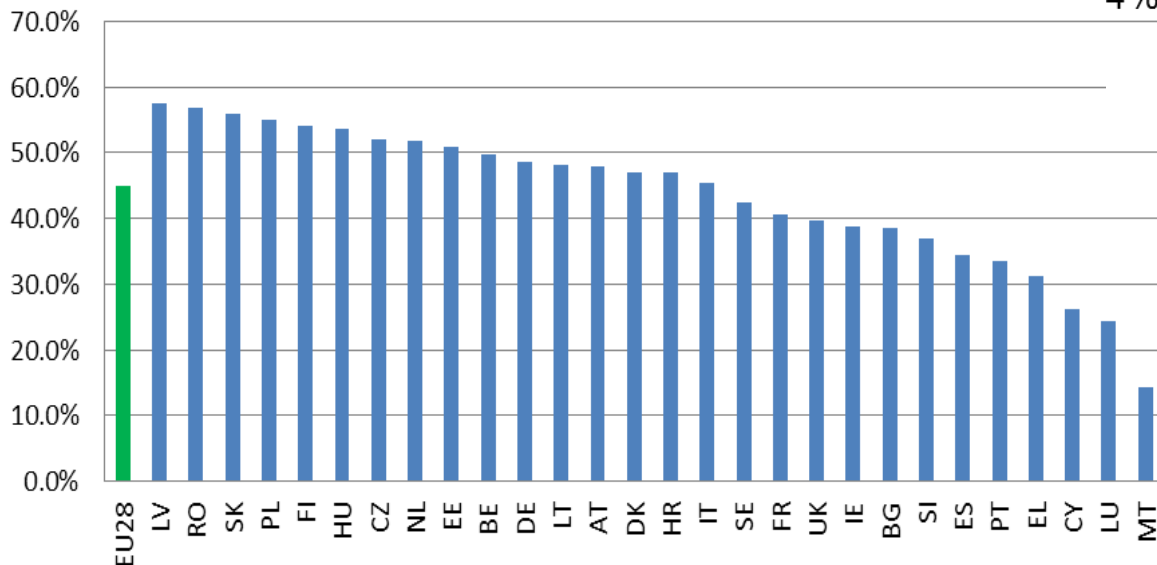
- ❑ H&C represents nearly 50% energy consumption today
- ❑ 68% of the EU's gas imports for H&C today
- ❑ 18% RES today → 27% in 2030 would be cost-optimal



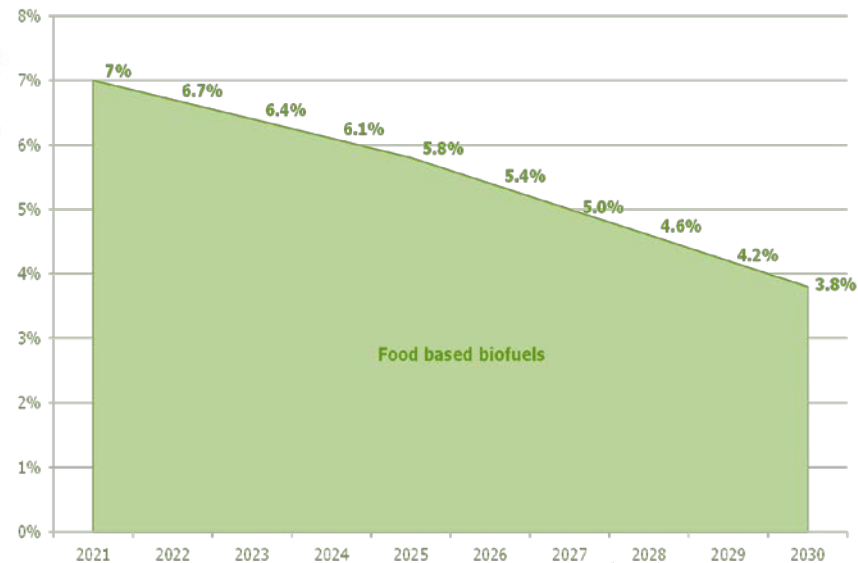
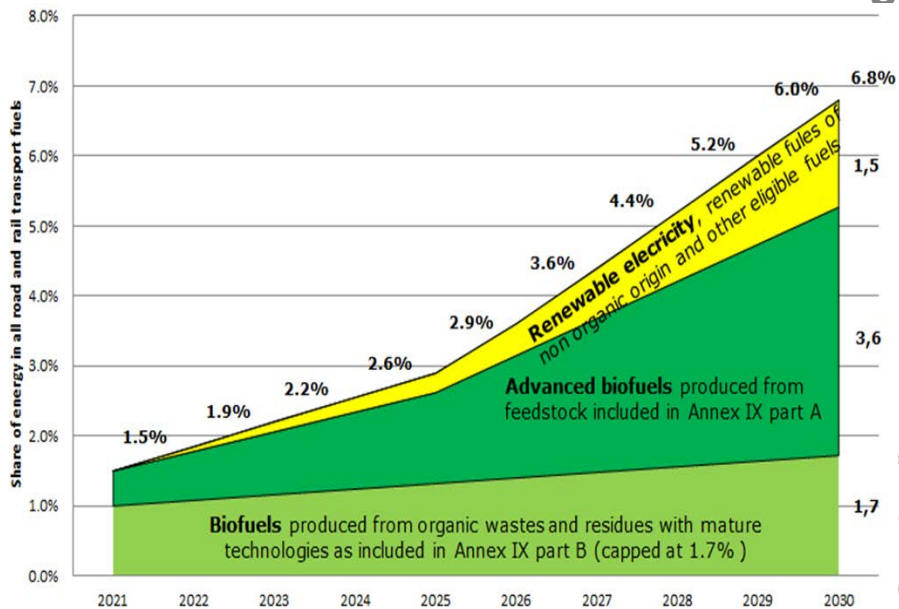
Primary energy demand for heating and cooling in the EU

Essential yet fragmented sector

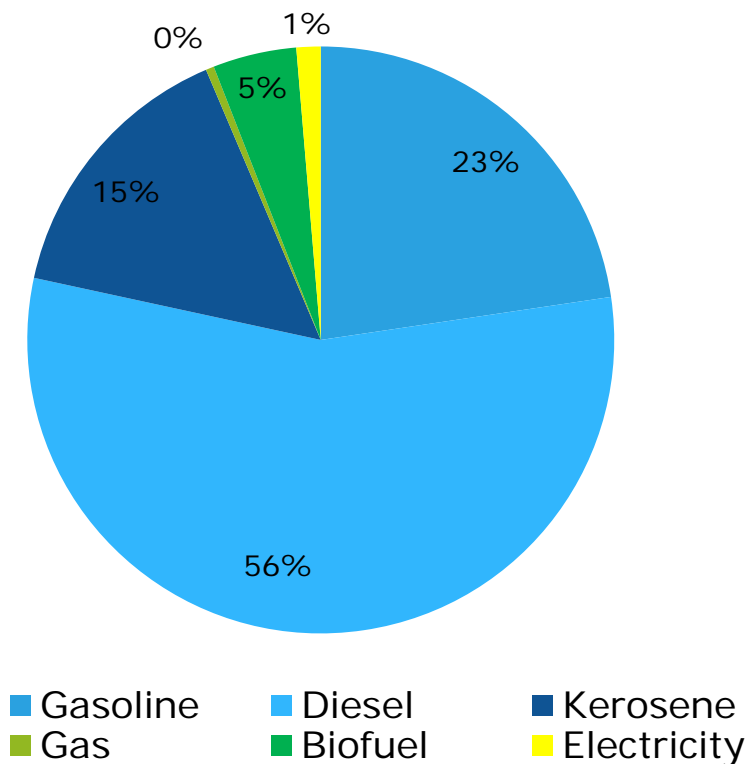
Share of heating and cooling in Gross Final Energy Consumption



PROPOSAL: Promoting Innovation in Transport



Promoting renewable energy in transport



- 32% of final energy consumption
- Relies on oil for 94% of its energy needs
- Increasing share of total GHG emissions (23% in 2014)
- GHG emissions remain higher than in 1990

Ensuring bioenergy that is sustainable

Biomass production

Improved sustainability criteria on **agriculture biomass for energy use**



New sustainability criterion for **forest biomass for energy use**
(i.e. risk-based/ two-step approach)



Biomass end-use performance

Biofuels/bioliquids:
70% GHG saving requirement by 2021



Biomass & biogas for heat and power (large scale):
80% GHG saving requirement by 2021 (85% by 2026)



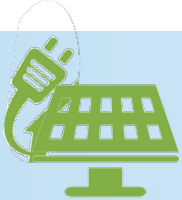
Support to new biomass electricity only if with **combined heat and power technology**
(exception for security of supply)



Unlocking the Potential of Consumer Engagement



Empowering Citizens and Communities



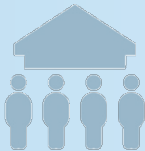
Renewable self-consumers to be allowed to generate, store, sell and consume their own electricity (linked to art. 15 Electricity Directive)



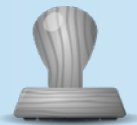
Renewable self-consumers **in multifamily houses** to be allowed to generate, store, sell and consume their electricity jointly



No disproportionate procedures and charges that are not reflective



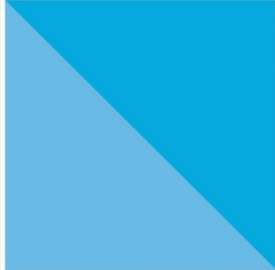
Specific provisions for **energy communities** (linked to art. 15 Electricity Directive)



Improved Guarantees of Origin for better consumer information (art. 19)



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THANK YOU!

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