CLEAN ENERGY FOR ALL EUROPEANS

Joao Heredia
Policy Officer C1 renewable energy unit

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**

Enabling Framework
### The Renewable Energy Directive

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A Stable Framework for Renewable Electricity

Support schemes

- Support to be market-responsive and cost effective
  - Article 4

- Visibility for investors (3-year cycle)
  - Art 15(3)

- Gradual and partial opening to cross-border participation
  - Article 5

- Stability of financial support (no retroactive changes)
  - Article 6

Administrative barriers

- One-stop shops
  - Article 16

- Time limits
  - Art 16, 17

- Simple notification for small-scale
  - Article 17

- Simple notification for repowering
  - Article 16

STATE AID RULES

1. Guidelines
2. Case by case notifications to and assessment by DG COMP
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
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

Source: Primes, 2015 shares in transport energy consumption
Ensuring bioenergy that is sustainable

### Biomass production

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

### Biomass end-use performance

- **Biofuels/bioliuids:** 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

- Mobilise private capital
- Increase local acceptance
- Inform consumer choices
- Good sites are getting scarcer
- Ready to pay a premium for RES?

Drives 50% of rooftop PV
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)
THANK YOU!

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