Clean Energy Package

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Clean Energy for All Europeans Package (30/11/2016)

THE RIGHT REGULATORY FRAMEWORK FOR POST – 2020

- Energy Efficiency Directive
  - Binding 30% energy efficiency target for 2030;

- Ecodesign Working Plan 2016-2019
  - List of new product groups;
  - Contribution to circular economy objectives;

- Energy Performance of Buildings
  - Supportive of renovation;
  - Smarter – ICT, smart buildings;
  - Simpler;

- Energy Union Governance

- Energy Efficiency

- Renewables
  (Revised Renewable Energy Directive)

- New Electricity Market Design
  (including Risk Preparedness)

- Energy prices and costs report

Source: European Commission
2030 Targets

- Energy Efficiency: (non specific) EU 32.5% target
- Renewable energy: Binding EU 32% target
- Governance Regulation: Energy and Climate Plans by 2030
KEY LEGAL ACTS

- Revised Energy Performance of Buildings Directive
- New EU Energy Labelling Regulation 2107/1369, repealing Labelling Directive
- In preparation – Revised or new ecodesign
Existing Energy Community Policy Framework for Energy Efficiency

MAIN ACTS

- Ecodesign Directive 2009/125/EC
- Energy Labelling Regulation 2017/1369/EU

Financing Energy Efficiency
EU MS ESFi, EFSI
EnC: IPA, Donors, IFIs

Source: European Commission
Overview – Main outcomes of the EED revision

MAIN CHANGES

- A new energy efficiency target for the EU for 2030 of 32.5% reduction of consumption against the baseline, with an upwards revision clause by 2023.

- Extended energy savings obligations for the next period 2021-2030 and beyond (0.8%/year of total volume sales).

- Strengthened rules on individual metering and billing of thermal energy (better information for consumers).

State of play:

- EU: Approved by the European Parliament on 13 November 2018 (18 months/22 months for metering and billing transposition)

- To be formally adopted by the Council of Ministers and published in the OJ

- EnC: to be proposed to the MC in 2019

Source: European Commission
Headline target of at least 32.5% to be achieved collectively by the EU in 2030. EnC target is being discussed presently.

- Nature of the target is not specified (non-binding).
- The EU target is calculated relative to the projections from the PRIMES REF2007/ EnC methodology is being currently discussed.
- The target translates into 1273 Mtoe of primary energy consumption (PEC) and/or 965 Mtoe of final energy consumption (FEC)/EnC figures will be proposed to the MC in 2019.
- The Commission is required to assess the target and to propose revising it upwards by 2023 (if needed).
**Energy savings obligations (Articles 7, 7a, 7b & Annex V)**

**Extended obligation beyond 2020**

- **New** savings of **0.8%** (each year) from 1 January 2021 to 31 December 2030.

- The calculation baseline: **Final energy consumption**.

- Range of possibilities (Article 7(2)&(4)), as long as the net **new savings equal 0.8%** per year are achieved.

**Savings can be achieved via:**

- an EEOS

- alternative measures

- combination of an EEOS and alternative measures

Source: European Commission
Clearer and strengthened rules – empowering and informing consumers

- Clarification of requirements for **metering and billing of thermal energy**.
- Rights of **consumers in multi-apartment or multi-purpose buildings**.
- **Transparent, publicly available rules** on cost allocation for multi-occupant buildings supplied from central sources.
- Right to **bills based on actual consumption/heat cost allocator readings**.
- **Remote-reading** to become standard.

Source: European Commission
NECP – Binding Template and 10 Year Planning Cycle

STRUCTURE OF INTEGRATED NATIONAL ENERGY AND CLIMATE PLANS

Section A
NATIONAL PLAN

1. Overview and Process for Establishing the Plan

Section B
ANALYTICAL BASIS

ENERGY UNION DIMENSIONS

Decarbonisation
Energy efficiency
Energy security
Internal market
R&I and Competitiveness

2. National Objectives and Targets
3. Policies and Measures
4. Current Situation and Reference Projections
5. Impact Assessment of Policies and Measures

Source: European Commission
Thank you for your attention!

www.energy-community.org
Indicative national contributions

- **National contributions to the Union/EnC target** in their energy and climate plans.

- Assessment by the Commission/ECS if the contributions are sufficient to reach the 2030 target.

- Assumption of the level of national contributions if draft plans are not submitted on time.

- Recommendations in case of an ambition gap.

- Recommendations in case of collective delivery gap.

- Member States’/CPs delivery gaps shall be addressed by recommendations.
New structure for amended text on energy savings obligations:

- Article 7 – General rules on the savings requirement
- Article 7a – Rules for energy efficiency obligation schemes
- Article 7b – Rules for alternative policy measures
- Annex V – Common methods and principles of calculation

Source: European Commission
Energy saving obligations (Articles 7, 7a, 7b & Annex V)

Energy efficiency obligation schemes and alternative measures

- Flexibility: an EEOS (Article 7a) or alternative policy measures (Article 7b) or both.

- Energy savings: Common principles and methods of Annex V.

- Measurement and verification requirement.

- Mandatory requirement to alleviate energy poverty (Article 7(11)).

Source: European Commission
The 2030 target in the provisional agreement – Level of efforts

Source: European Commission
Energy saving obligations (Articles 7, 7a, 7b & Annex V)

Streamlined and simplified rules for calculating energy savings (Annex V)

- **Additionality** requirement.
- **Lifetime** of the measures.
- **Renewable technologies**.

Source: European Commission
The Clean Energy for all Europeans Package

Review of the Energy Performance of Buildings Directive (EPBD) - KEY ELEMENTS

- Low and zero emission building stock in the EU by 2050
- Use of smart technologies (self regulating devices)
- Supports the roll-out of the infrastructure for e-mobility
- Smartness indicator
- Long term building renovation strategies
- Mobilises public and private financing and investment

Source: European Commission
Focus on electro-mobility

Additional provisions to support the deployment of the EU infrastructure for electro-mobility (Article 8)

- Minimum number of charging points.
- **Simplification** of the deployment of recharging points – address regulatory, permitting, approval procedures.
- Deployment of **ducting infrastructure** in new or major renovated non-residential and residential buildings > 10 parking places
- 1 **charging point** per building in non residential blgs new or renovated
- Targeted **exemptions**.

Source: European Commission
Focus on long-term renovation strategies

Long term building renovation strategies (Article 2a)

- Requirement for Member States to:
  - Establish comprehensive strategies;
  - Set up roadmaps 2050;
  - Carry on a public consultation.

- Energy poverty and financial component.

Source: European Commission
Focus on inspections & building automation

Inspections on heating & air-conditioning systems are updated (Articles 14 and 15) – new provisions on self-regulating devices (Article 8(1))

- **Thresholds** for inspections: over 70 kW heating and ventilations system

- **Alternative measures** to mandatory inspections.

- Additional requirements for **building automation and control systems** by 2025, for systems over 290kW

- Additional requirements on the installation of **self-regulating devices**.

Source: European Commission
Focus on building data collection

Better data both for Energy Performance Certificates (Article 10) and Technical Building Systems performance documentation (Article 8(5))

- Requirement for EPC databases on energy consumption of buildings.
- Availability of data.
- Assess and document the performance.
- Complementary with other initiatives

Source: European Commission