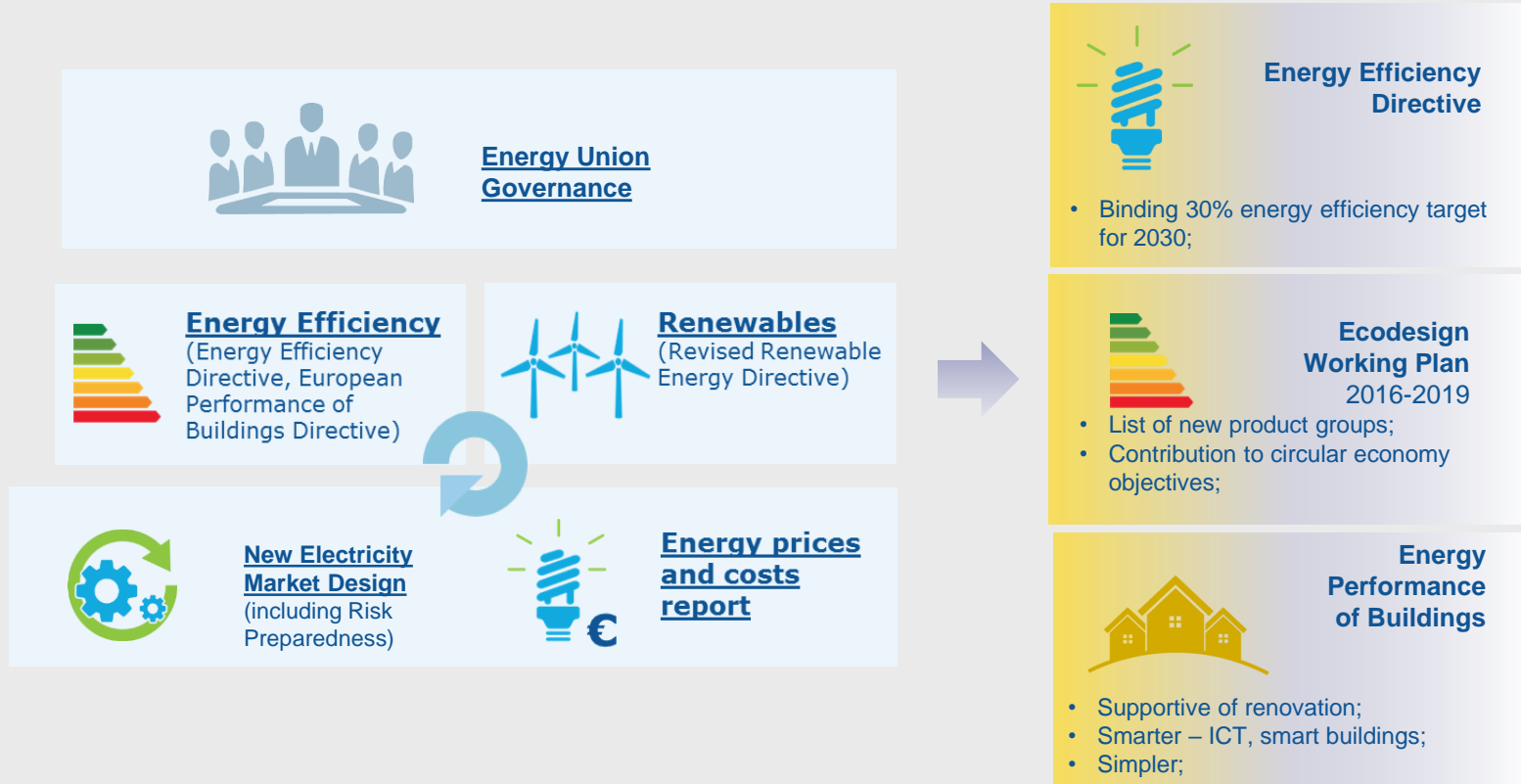


The background is a dark blue image of the Earth from space, showing the continents. Overlaid on the Earth are numerous glowing blue lines that form a complex network, representing energy transmission or connectivity across the globe.

Clean Energy Package

Violeta Kogalniceanu

THE RIGHT REGULATORY FRAMEWORK FOR POST – 2020



Source: European Commission

- **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**
- Revised **Energy Efficiency 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

Energy Efficiency
Directive
2012/27/EU



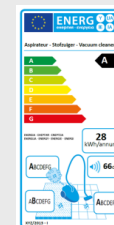
Energy Performance of Buildings
Directive
2010/31/EU



~~Ecodesign
Directive
2009/125/EC~~



Energy Labelling
Regulation
2017/1369/EU



Financing Energy Efficiency

EU MS ESFi, EFSI EnC: IPA, Donors, IFIs



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

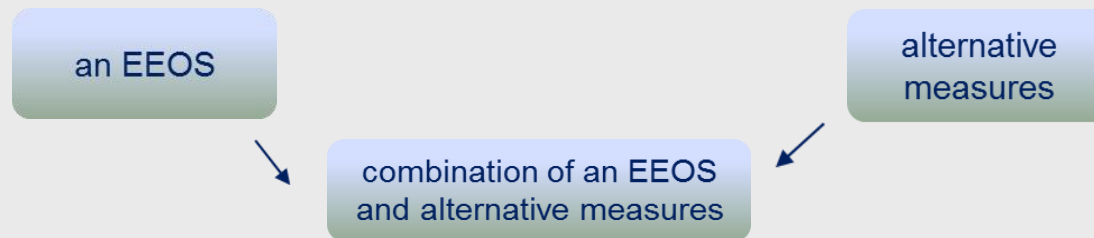
Headline target of at least 32.5% to be achieved collectively by the EU in 2030 /EnC target is being discussed presently

- 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).

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:



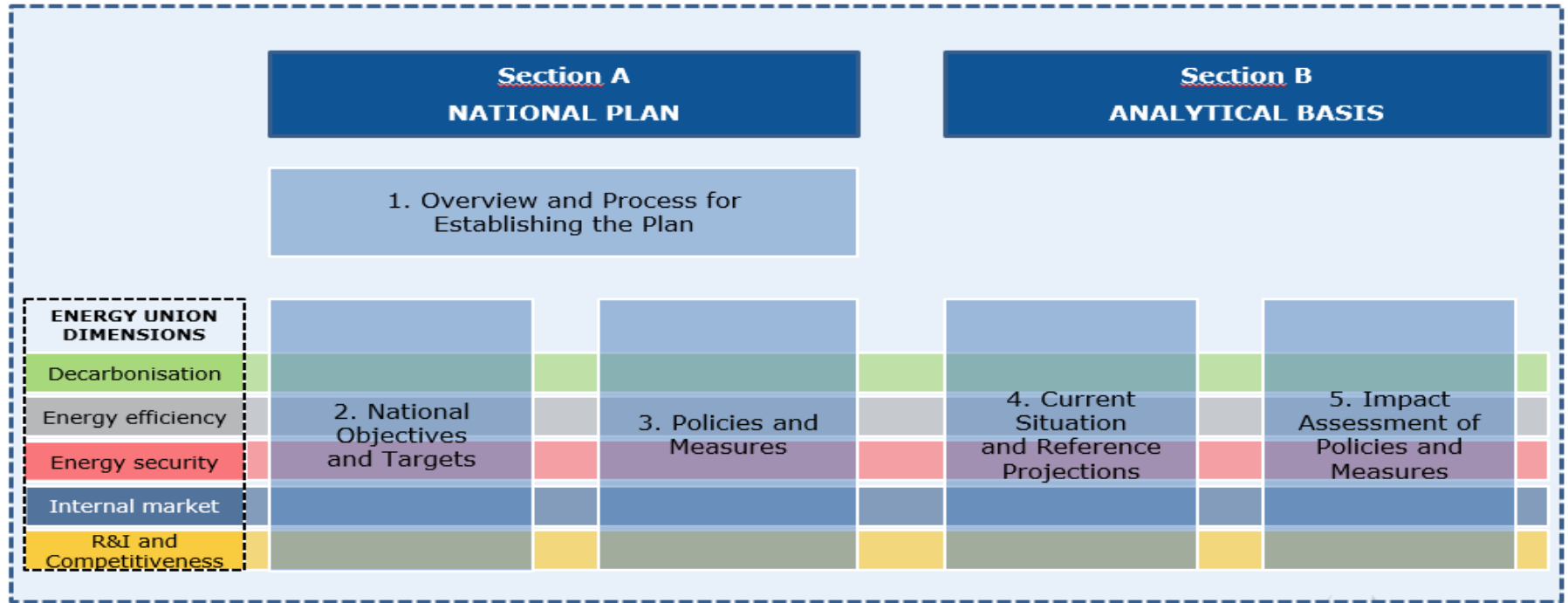
Source: European Commission

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

STRUCTURE OF INTEGRATED NATIONAL ENERGY AND CLIMATE PLANS



Source: European Commission



The background is a dark blue image of the Earth from space, with a complex network of glowing blue lines and nodes representing an energy grid or communication network.

*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.

Updated framework for calculation of savings requirements and policy measures

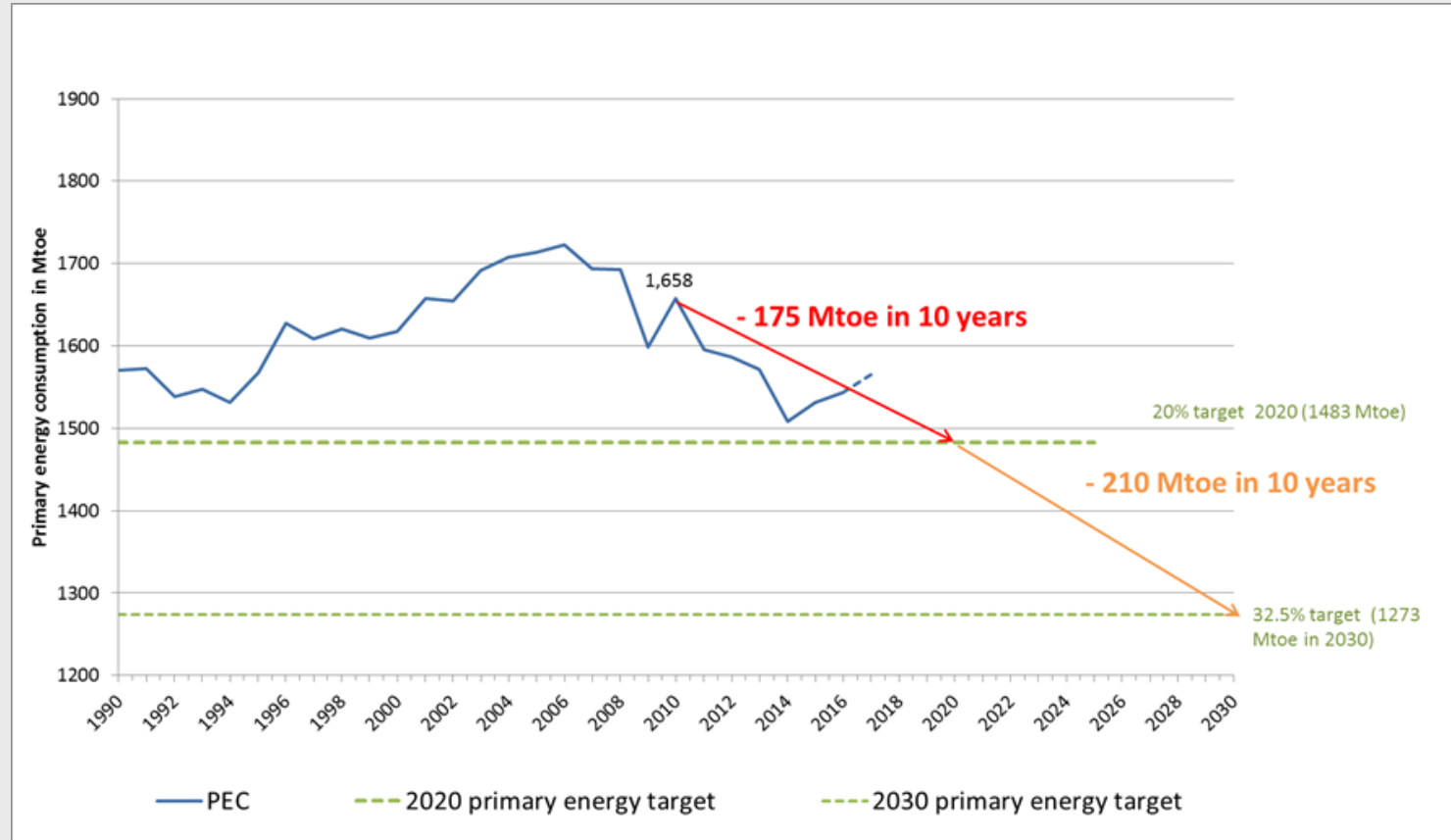
New structure for amended text on energy savings obligations:

- 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

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)).

The 2030 target in the provisional agreement – Level of efforts



Source: European Commission

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

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

Source: European Commission

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

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

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.

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**.

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