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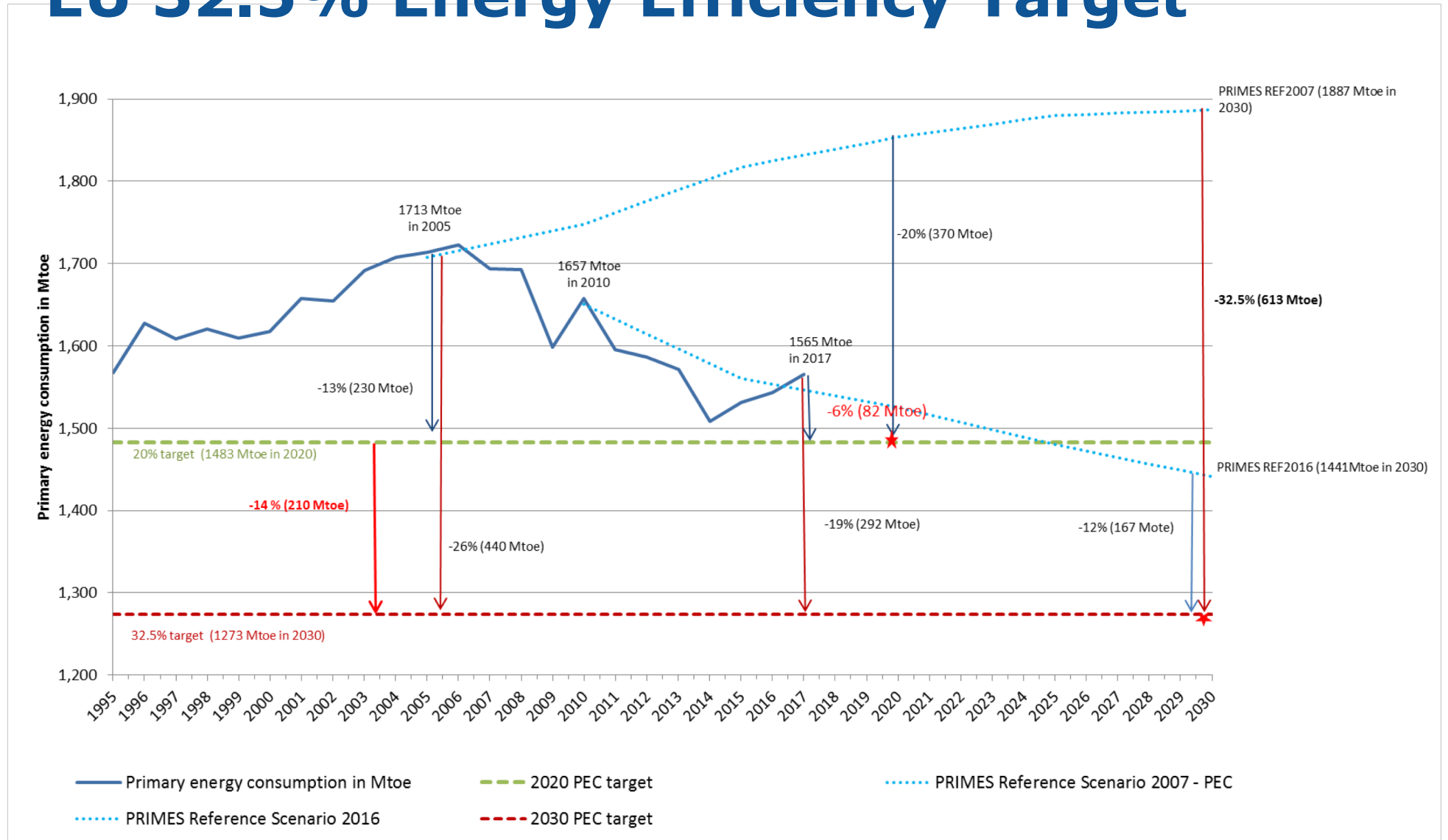
What's next for EU Energy Efficiency policy?

ECEEE summer study, Presqu'île de Giens,
France, 3-8 June 2019

Robert Nuij, Energy Efficiency Unit, DG Energy
European Commission



EU 32.5% Energy Efficiency Target



Energy efficiency policy update:

- Revised **Energy Performance of Buildings Directive** published on 19 June 2018, entry into force – 9 July 2018.
- Revised **Energy Efficiency Directive**, published on 21 December 2018, entry into force– 24 December 2018.
- New **Regulation on the Governance** of the Energy Union, published on 21 December 2018, entry into force– 24 December 2018.
- In process of adoption - **17 revised or new ecodesign & energy labelling regulations**
- More **focus on financing**: e.g. Sustainable Energy Investment forums, ELENA, Horizon Europe, ESIF, etc.

What's next for energy efficiency?

- Implement **energy efficiency legislation** in view of reaching the EU targets for 2020 and 2030
- Identify & replicate **best practice**, e.g. **guidance** to Member States
- Evaluate impact of **policies**, assess **savings potentials**, **recommend** actions for Member States, propose **EU level measures**
- Identify **new policy areas** for energy efficiency (e.g. digitalisation, consumer empowerment and engagement, transport)

With the objective to:

Achieve a climate neutral economy by 2050



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Thank you!

Energy Efficiency Unit
DG ENER, European Commission

<https://ec.europa.eu/energy/en/news/commission-proposes-new-rules-consumer-centred-clean-energy-transition>

#EnergyUnion



Main outcomes of the EED review

FOCUS ON 2030 AND BEYOND

- ✓ A new EU **energy efficiency target** of **32.5%** for 2030.
- ✓ Extended **energy savings obligation** – annual energy savings of 0.8% (of final energy consumption) for 2021-2030 and beyond.
- ✓ Strengthened rules on **individual metering and billing** of thermal energy (better information for consumers) and transition to remotely readable heating/cooling/hot water meters in district heating/cooling networks and in buildings.

***The Governance Regulation** provides a framework for national policy planning (NECP) and for monitoring progress to ensure that the EU energy efficiency targets on efficiency, renewables and greenhouse gases for 2030 are met.*



Main outcomes of the EPBD review

A STRENGTHENED DIRECTIVE

- ✓ Stronger **long term renovation strategies** aiming at decarbonisation of buildings by 2050, with a solid financial component.
- ✓ A **Smart Readiness Indicator** for buildings.
- ✓ Targeted support to **e-mobility infrastructure deployment** in buildings' car parks.
- ✓ Enhanced **transparency** of national building energy performance calculation methodologies.
- ✓ Reinforcement of **building automation**: requirements on room temperature level controls, building automation and controls and enhanced consideration of typical operating conditions.

Energy efficiency of buildings - key policy priority for the Commission

Focus on the Smart Readiness Indicator

RAISING AWARENESS ON SMART TECHNOLOGIES

- ✓ “An optional common Union scheme for rating the smart readiness of buildings” (Article 8(10) amended EPBD)
- ✓ Establishment thanks to:
 - A delegated act for **definition and calculation methodology** and;
 - an implementing act for **implementation modalities**
- ✓ The indicator is **developed by the Commission**, with the support of **technical studies**:
 - 1st technical study: March 2017 – August 2018
 - 2nd technical study: started in December 2018
 - Adoption by mid-2020
- ✓ Extensive consultation of Member States and stakeholders



The "Smart Finance for Smart building" Initiative

A GREATER MOBILIZATION OF INVESTMENTS



Smart Finance for Smart Building Initiative aims at **unlocking investments and private financing** through:



Aggregation of projects



De-risking



Effective use of public funding



Financing Initiatives:

- **European Local Energy Assistance (ELENA)** - Technical assistance to develop large-scale projects
- **De-risking Energy Platform (DEEP)** - database aiming at de-risking energy efficiency investments
- **EFFIG Underwriting toolkit** - guide which aims to assist financial institutions to scale up their deployment of capital into energy efficiency.