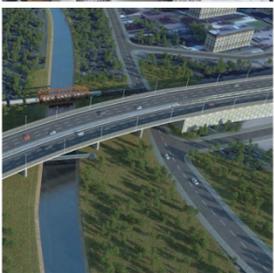
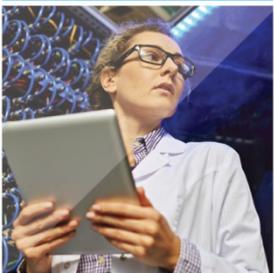




European
Commission



EU Energy Policy - Update

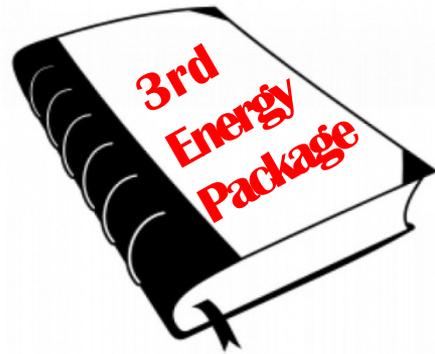
Oliver Koch, European Commission

This presentation reflects solely the views of the author

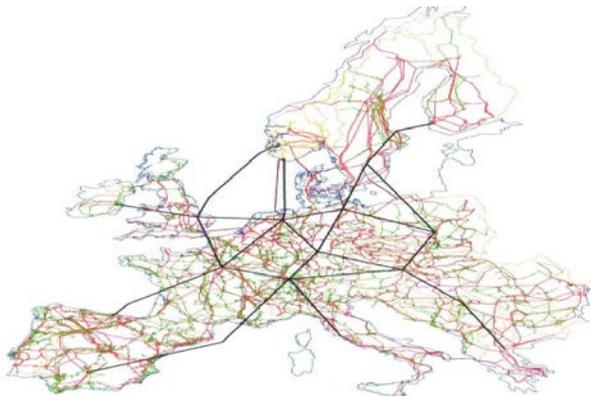


New Internal Market Reality: *Network Codes & Guidelines*

**Concrete & binding application of 3rd Package rules
=> *Electricity Trading and Grid Operation***



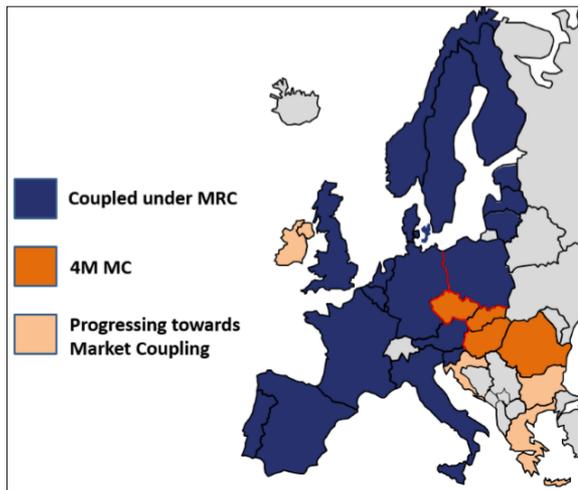
***From unilateral to
coordinated decision-making
(market coupling, TSO-
coordination/RSCIs, etc.)***



Market coupling

*EU day ahead
Start 2014*

*EU intraday
Start June 2018*

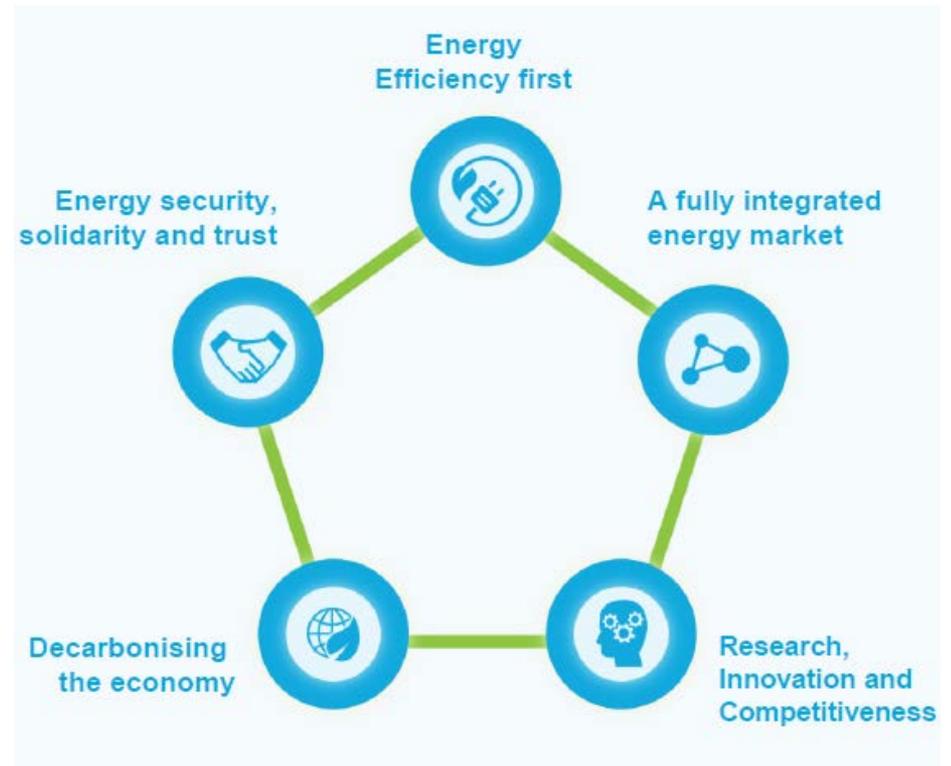


European Cross-Border Intraday (XBID) Solution and 10 Local Implementation Projects confirm go-live date for June 2018.

Figure 1: State-of-play in pan-European Single Day-Ahead Coupling as of February 2017

From Internal Market to *Energy Union*

Key issue 2009 (3. Package): *Internal Energy Market* Key issue 2018 (Winter Package): *Energy Union*



Clean Energy (“Winter”) Package

= > *Components*



Governance



Efficiency



RES



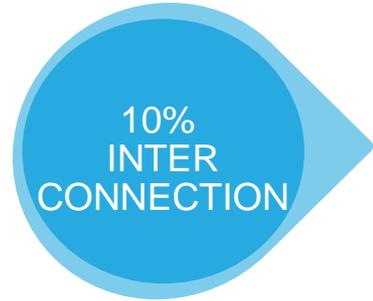
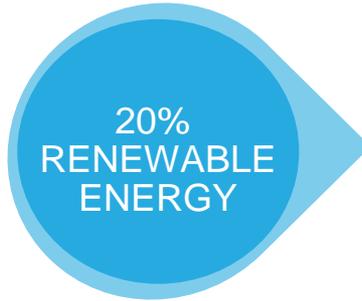
Market Design



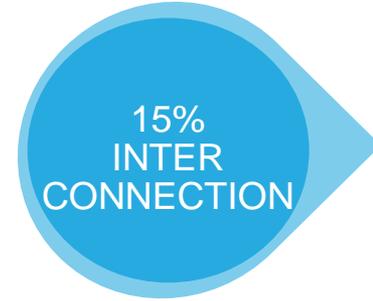
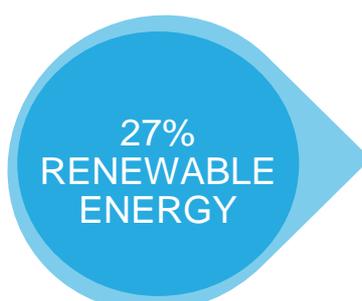
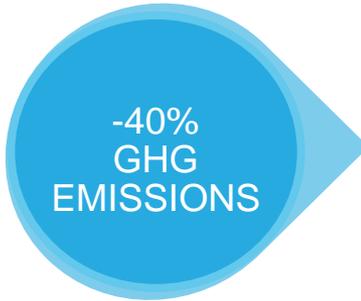
Energy Policy Targets

Status 2014

2020

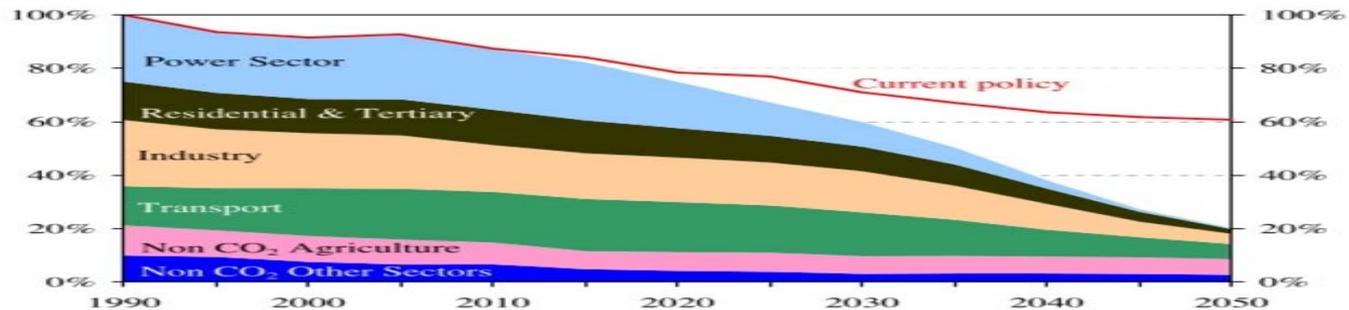


2030



EC Roadmap for moving to a low carbon economy in 2050

Figure 1: EU GHG emissions towards an 80% domestic reduction (100% =1990)



Energy Policy Targets

Status 2018 – EP Position

2020

-20%
GHG
EMISSIONS

20%
RENEWABLE
ENERGY

20%
ENERGY
EFFICIENCY

10%
INTER
CONNECTION

2030

-40%
GHG
EMISSIONS

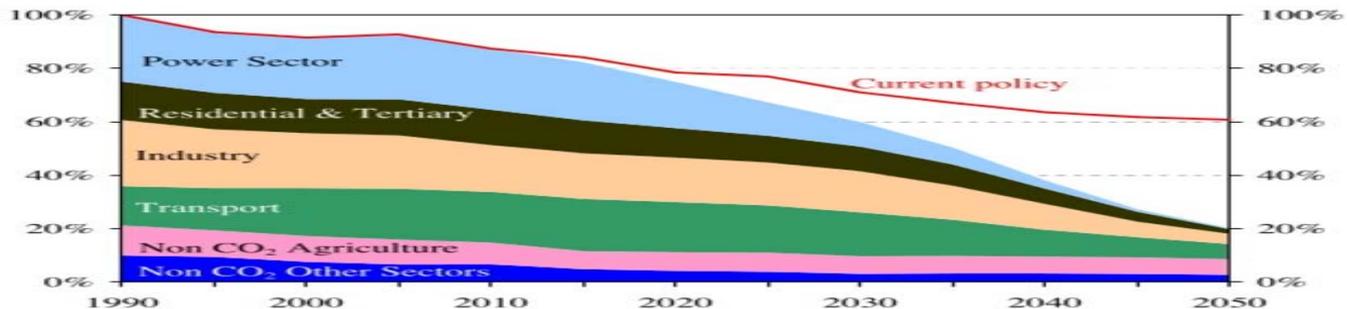
EP : 35%
RENEWABLE
ENERGY
EU&nat Ziele

EP: 35%
ENERGY
EFFICIENCY
nat Ziele

15%
INTER
CONNECTION

EC Roadmap for moving to a low carbon economy in 2050

Figure 1: EU GHG emissions towards an 80% domestic reduction (100% =1990)



2. Energy Efficiency Legislation

*Council: EU Target "30%"
Parl.: national binding
targets => 35%*

Amending Directive
2012/27/EU on
Energy Efficiency



Ecodesign
Working Plan 2016-
2019

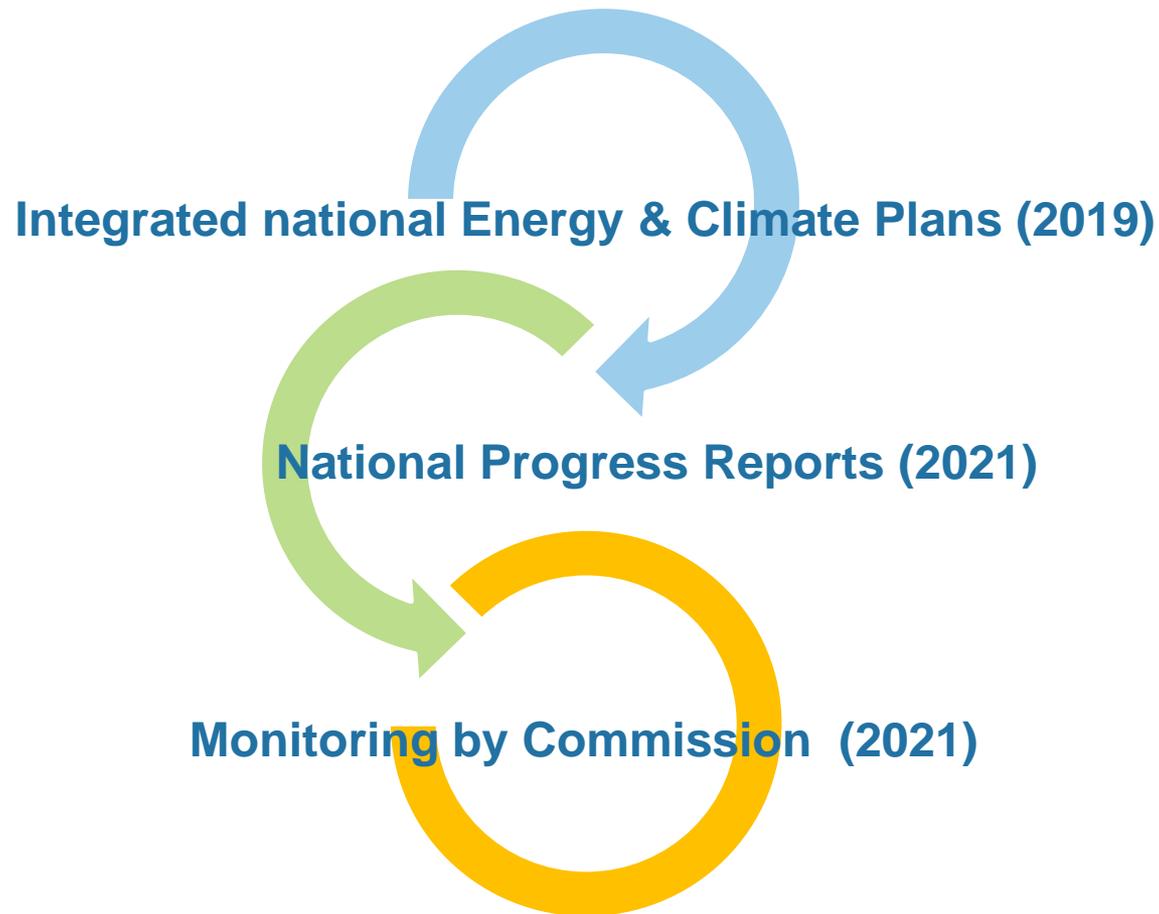


Amending Directive
2010/31/EU on **Energy
Performance of
Buildings**

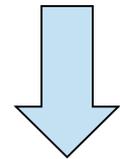
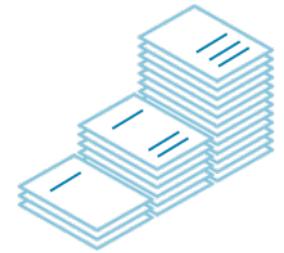


3. "Governance"

Core Elements of EU Governance Regulation



Simplification



1 Plan only
1 Report only
1 Monitoring only

4. Market Design



Disruptive change:

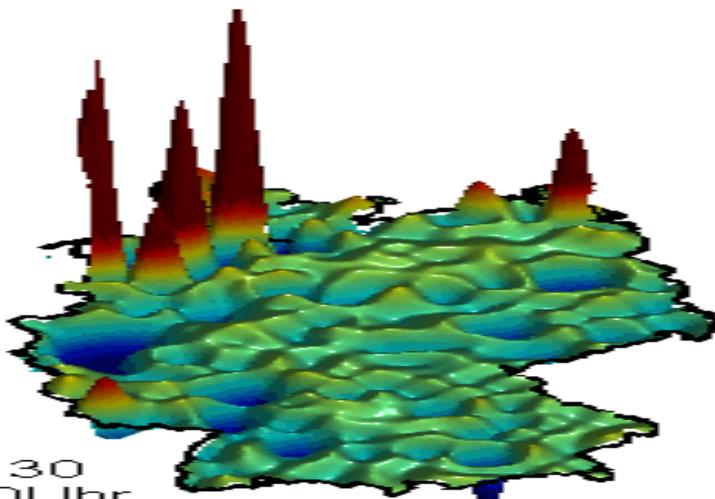


From central / base load to decentral / volatile

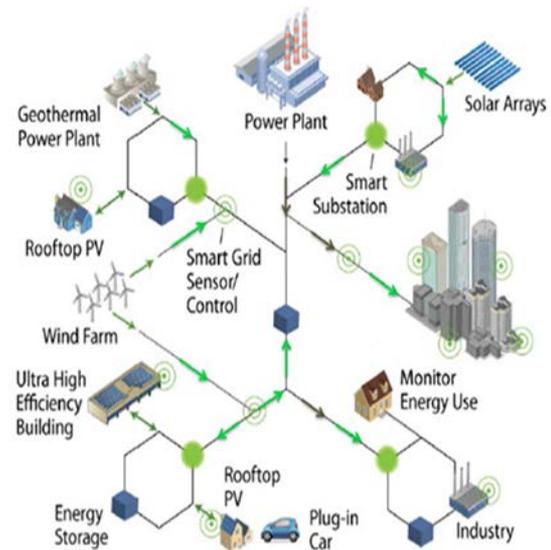
Old Electricity World



New Electricity World



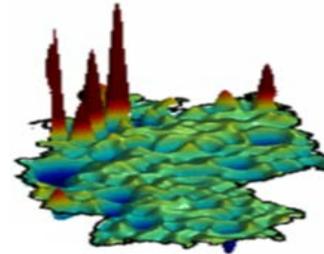
Tag 130
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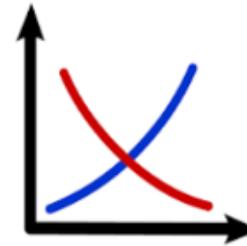
Competition



- Adapt market rules to new realities



- Reduce state interventions – use markets



- Cooperate across borders





Issues for Trilogues

- Adapt market rules to new realities
 - *Rule to guarantee more open borders (Art 14 E-Reg.)*
 - *Regulated Prices (Art 3 E-Directive)*
- Reduce state interventions – use markets
 - *Regional adequacy assessment as condition for Capacity Mechanism?*
 - *“550 g” condition – as of when?*
- Cooperate across borders
 - *Powers of ACER: Reduced? Kept? Enhanced?*
 - *TSO cooperation – status quo or new competences for “RSCs”?*

Clean Energy Package => *Timing*



Governance

- Common Council Position: (+)
- Parliament Position: (+)
- “Trilogues”:

EE, RES, Effizienz:

=> **1st Half of 2018**

Market Design

=> **2nd Half of 2018**

- Entry into Force: **2020**
- Directive Transposition:
Mid/end 2021



Efficiency



RES



Market Design



Thank you very much

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+32 229 87302**