



CLIMA South seminar on LEDS, April 2015

EU Climate Action

A stylized graphic of a cityscape composed of various colored blocks (yellow, green, blue) and buildings. Several birds are flying in the sky above the city. There are also some starburst effects on the graphic.

Lucie Berger
DG Climate action
European Commission

2030
FRAMEWORKfor**CLIMATE&ENERGY**
#EU2030



2030
FRAMEWORK for CLIMATE & ENERGY
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European
Commission

EU's 2030 Framework for Climate and Energy (1): Europe's challenges & opportunities

**Impact of the
financial crisis**

**Fall in private investment,
tight financing conditions**

Renewable energy saw
rapid cost decreases

**Technologies are
gradually becoming
competitive**



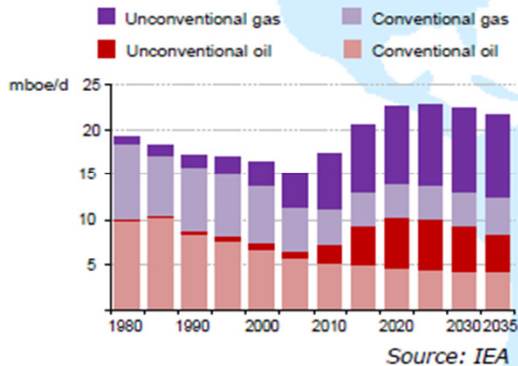
**Some countries phase out
nuclear power production**

**Rising demand
→ rising prices**

**By 2030, world economy
set to double and energy
demand to rise by 1/3**

Shale gas

US oil and gas production



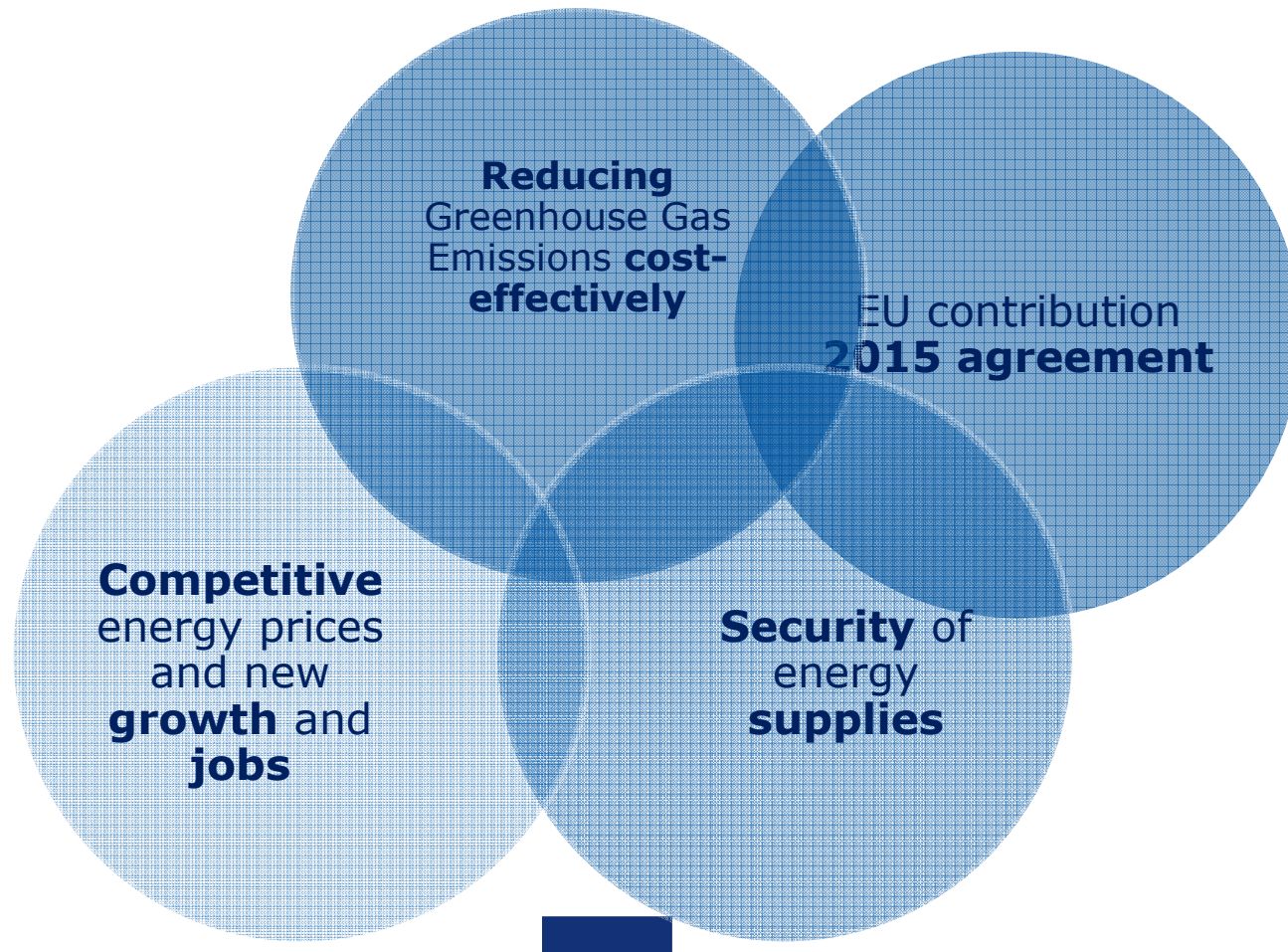


2030
FRAMEWORK for CLIMATE & ENERGY
#EU2030

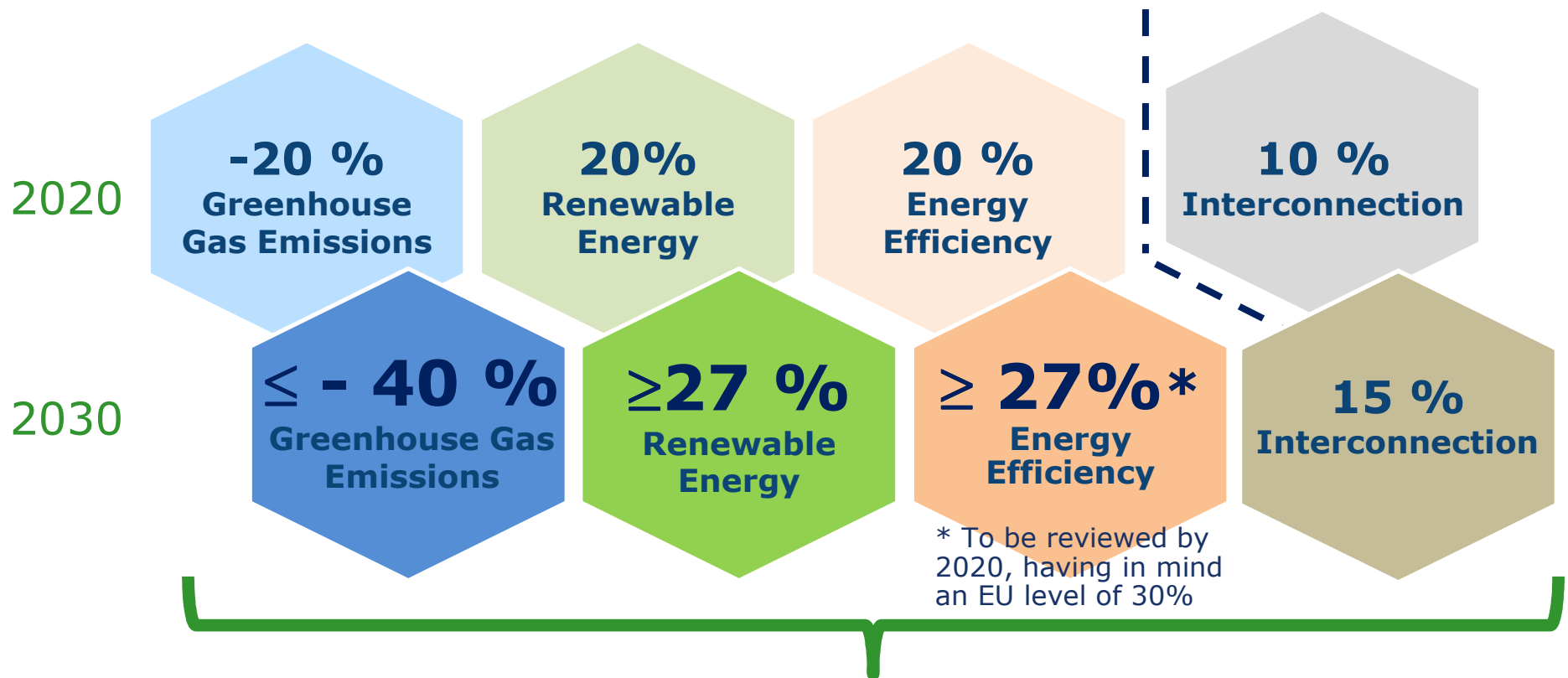


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EU's 2030 Framework for Climate and Energy (2): Why a new framework now?



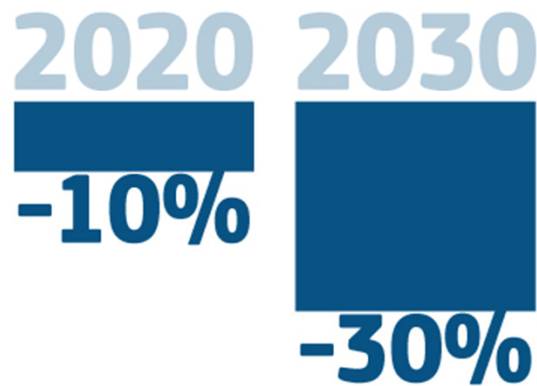
Agreed headline targets 2030 Framework for Climate and Energy



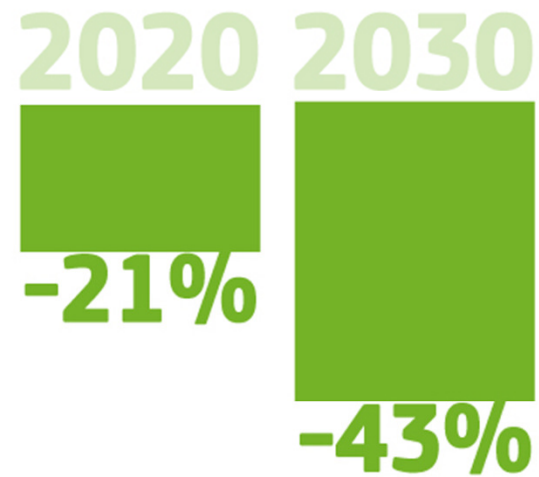
New governance system + indicators

Emission reductions in ETS and non-ETS

EMISSION
REDUCTIONS
IN ETS AND
NON-ETS
COMPARED TO 2005



**NON
ETS**
INCLUDING
ROAD TRANSPORT,
HOUSING,
AGRICULTURE
etc.



ETS
INCLUDING
POWER/ENERGY
SECTOR & INDUSTRY



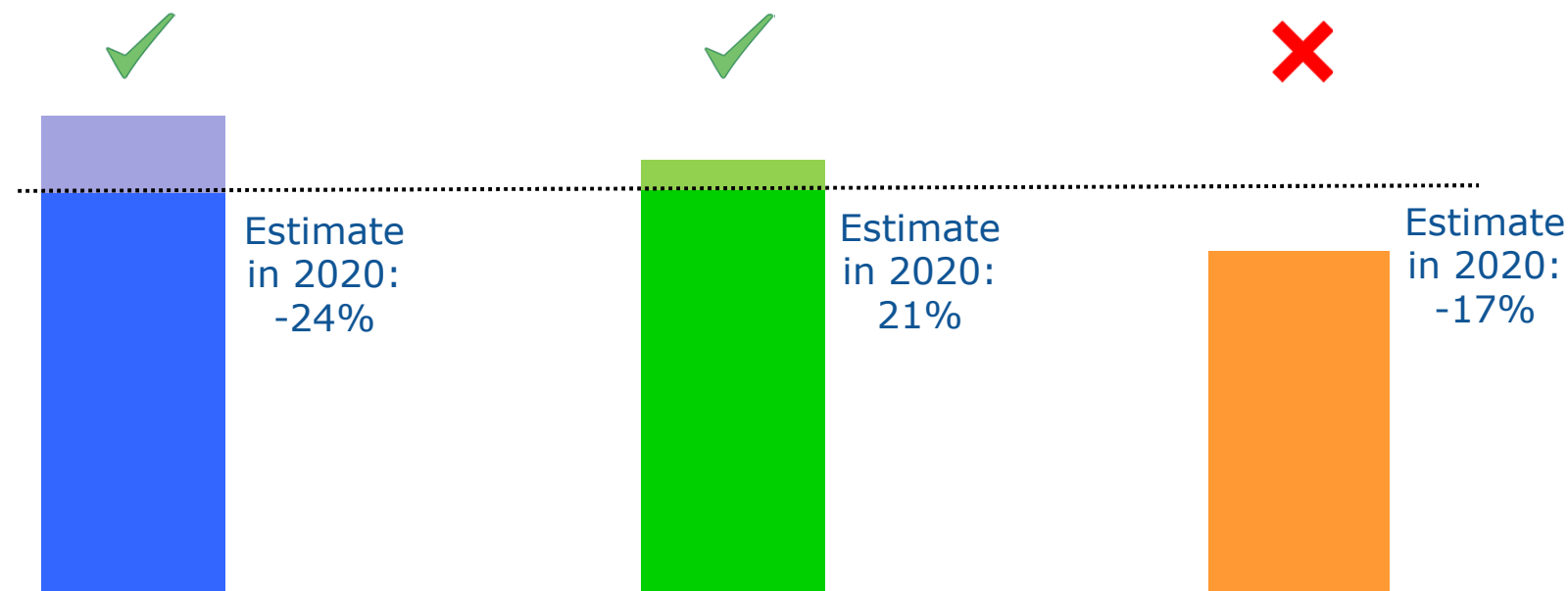


Europe is on its way to meeting its 2020 targets

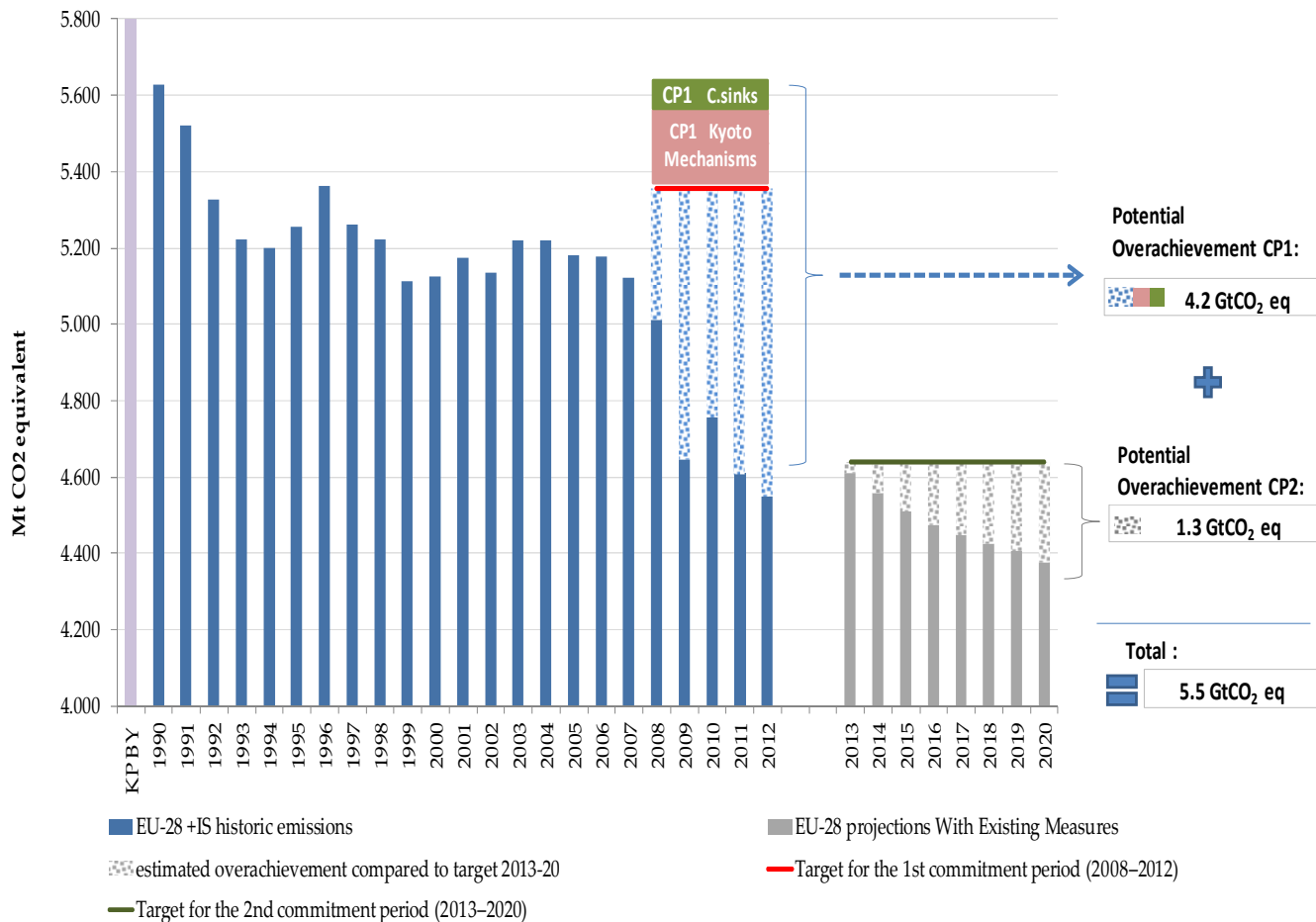
Reduce greenhouse gas levels by 20%

Increase share of renewables to 20%

Reduce energy consumption by 20%



State of play domestically: EU emissions going down...

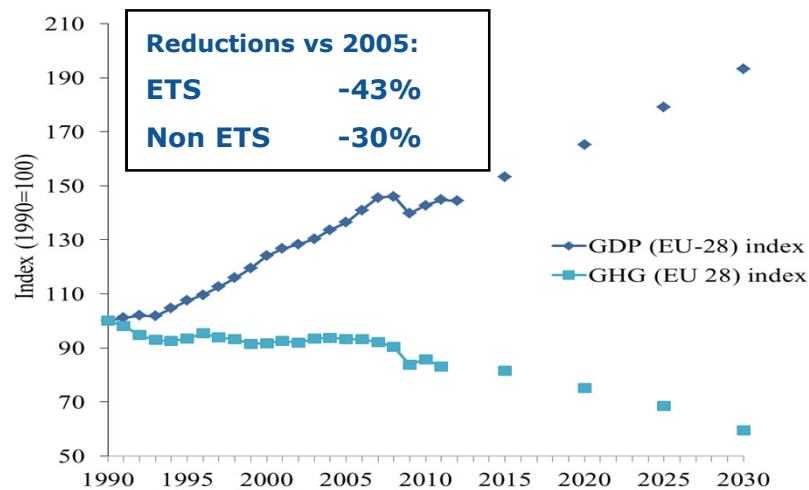
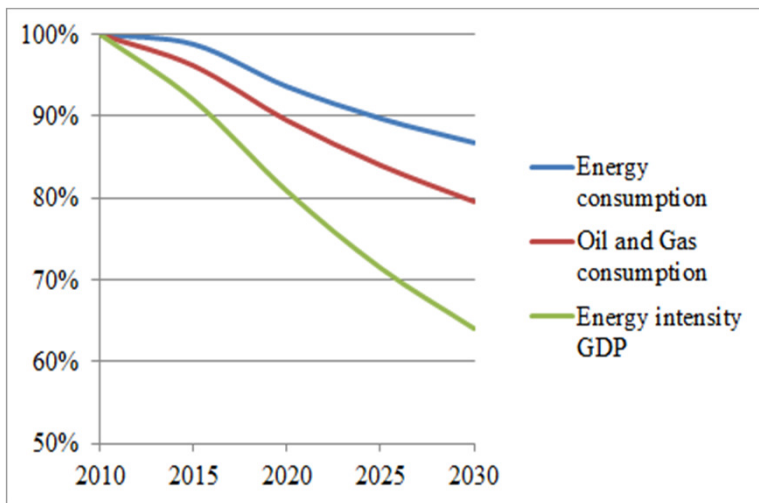


Emission reductions (EU-28 and Iceland):

- Total emissions (without LULUCF) in 2012 are 21.7% below base year levels
- Projected to be around 24,5% below base year levels in 2020.
- Over the period 2008-2012, the average annual emissions are 18.8% below base year levels

...with additional benefits

- Decoupling of Gross Domestic Product growth from Greenhouse Gas Emissions will continue



- Fuel savings:** additional € 18 billion fuel per year next 2 decades
- Energy security:** additional 11% cut in energy imports in 2030
- Innovation:** jobs & growth
- Health and air pollution benefits:** €7-13.5 billion in 2030



THANK YOU

ec.europa.eu/energy/2030
ec.europa.eu/clima/policies/2030