



European  
Commission

# Energy Union

Integrated, Interconnected, Resilient and Secure



« *I want to reform and reorganise  
Europe's energy policy  
in a new European Energy Union.* »

**Jean Claude Juncker**



# Energy in the EU: Results achieved

- Greenhouse gas emissions **fell 18%** (1990-2011)
- **Energy efficiency** savings: 15.5 % (2013)
- Share of **Renewables**: 15.0% (2013)
- European renewable energy businesses have a combined annual turnover of €129 billion, **employing over 1 million people**

## to be improved

- EU: the **largest energy importer** in the world
- **Competitiveness** of energy prices (higher than in the US)
- Internal energy market **not yet completed**
- 12 Member States still **insufficiently connected**
- **Transparency** of gas markets

**Overdependence** on single supplier

**5 EU Member States** are dependent on one single external supplier for all their gas imports.



# The way towards: **The Energy Union**

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## **Where** we want to go:

A secure, sustainable, competitive, affordable energy for every European

## **What** this means:

- Energy security, solidarity and trust
- A fully integrated internal energy market
- Energy efficiency first
- Transition to a long-lasting low-carbon society
- An Energy Union for research, Innovation and Competiveness

## **How** we want to reach it:





# Our vision of an Energy Union

- True **solidarity and trust**; speaking with **one voice** in global affairs
- An **integrated** continent-wide energy system
- Sustainable, low-carbon and climate-friendly **economy**
- Strong, innovative and **competitive** European economy
- **Citizens** taking ownership of the energy transition

# 1 | Secure supplies

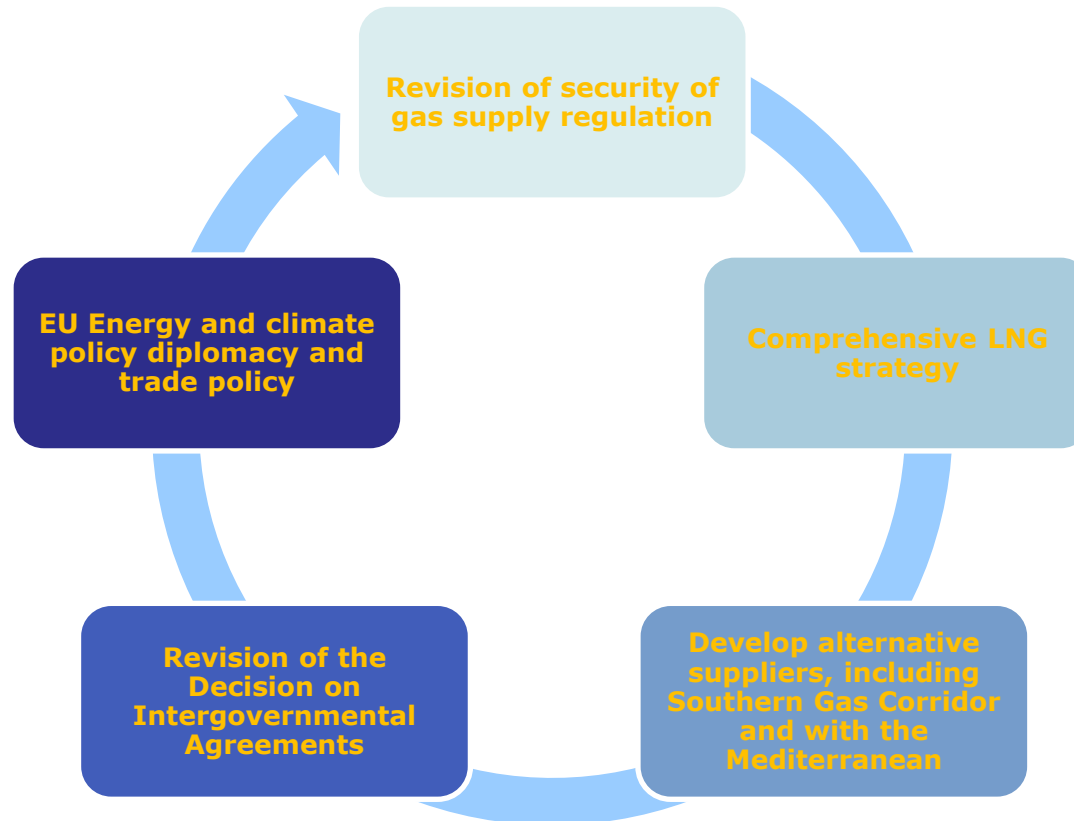


**We have to become less dependent on energy from outside the EU**

This means increasing transparency on gas supply; diversifying sources, supplies and routes; working together on security of supply and developing a stronger European role in global energy markets.

# Secure supplies

## Concrete actions





## 2 | Internal energy market



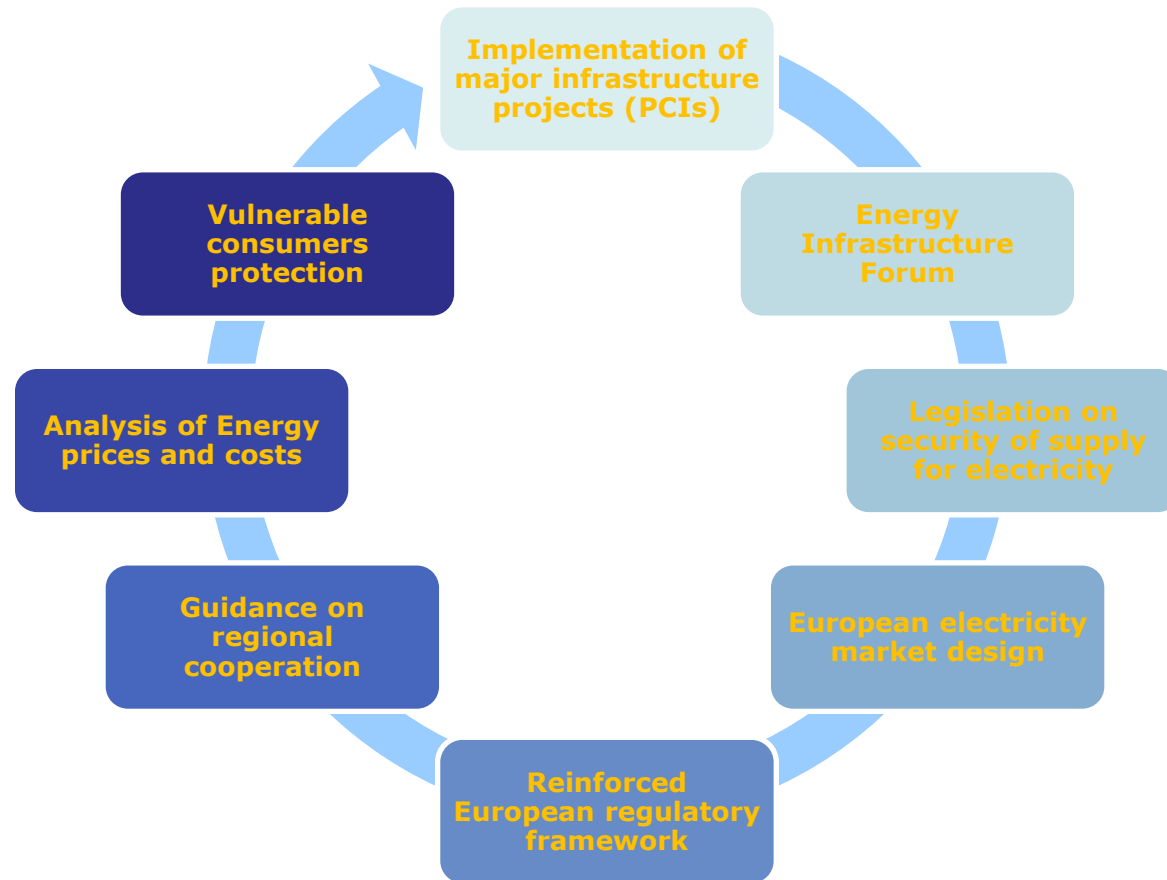
**Energy should flow freely across the EU – without any technical or regulatory barriers**

This means connecting markets through interconnections and implementing and upgrading the internal market's software while enhancing regional cooperation and empowering consumers.



# Internal energy market

## Concrete actions



## 3 | Energy efficiency

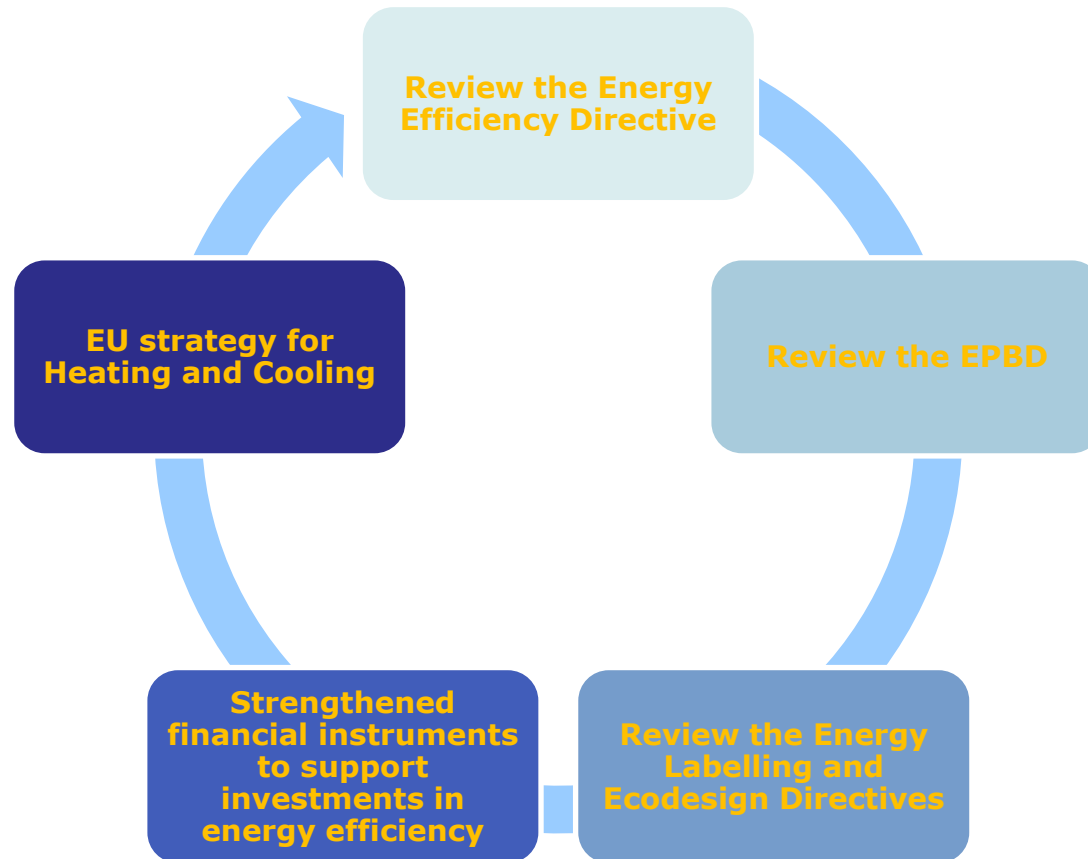


# Rethink energy efficiency as an energy source in its own right

This means increasing energy efficiency, in particular in the building sector, and promoting an energy-efficient and decarbonized transport sector.

# Energy efficiency

## Concrete actions



## 4 | Emissions reduction

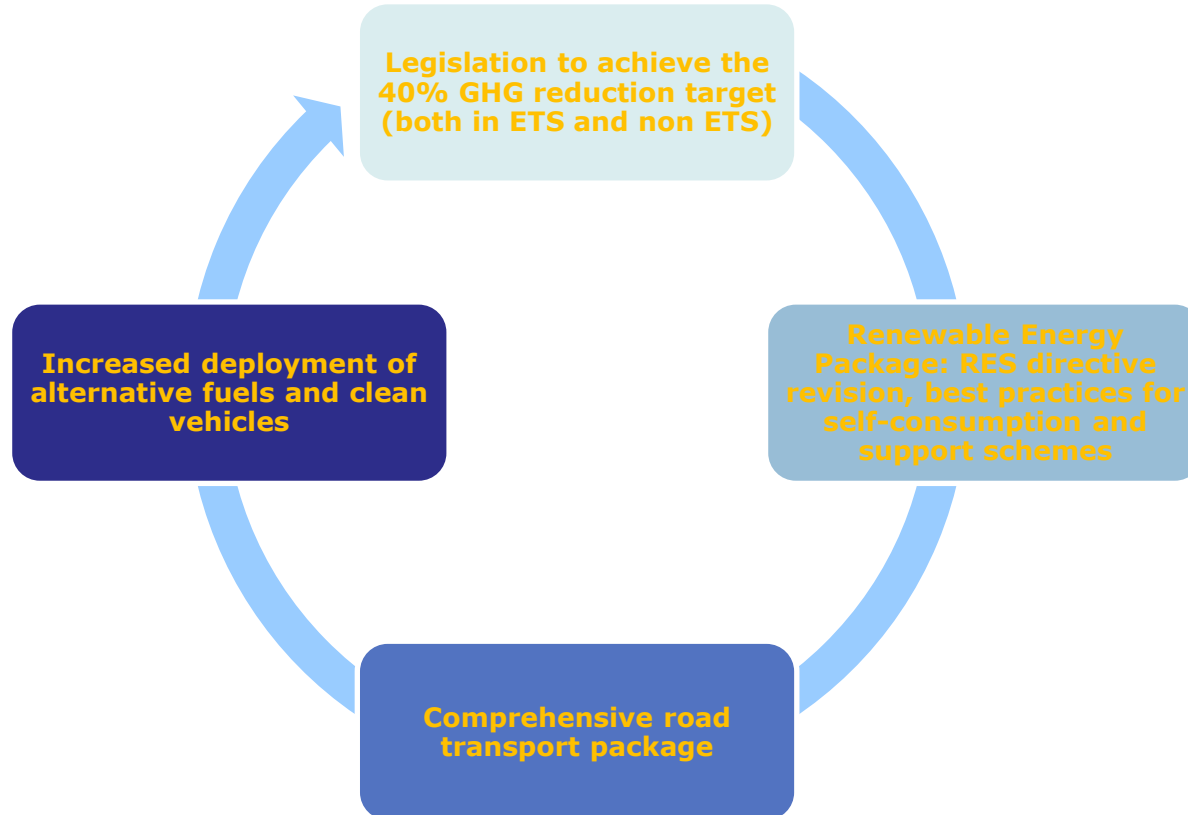


**An ambitious climate policy is an integral part of our Energy Union**

The next challenge will be to enforce the 2030 energy and climate framework, while becoming the number one in renewables.

# Emissions reduction

## Concrete actions



# 5 Research & innovation

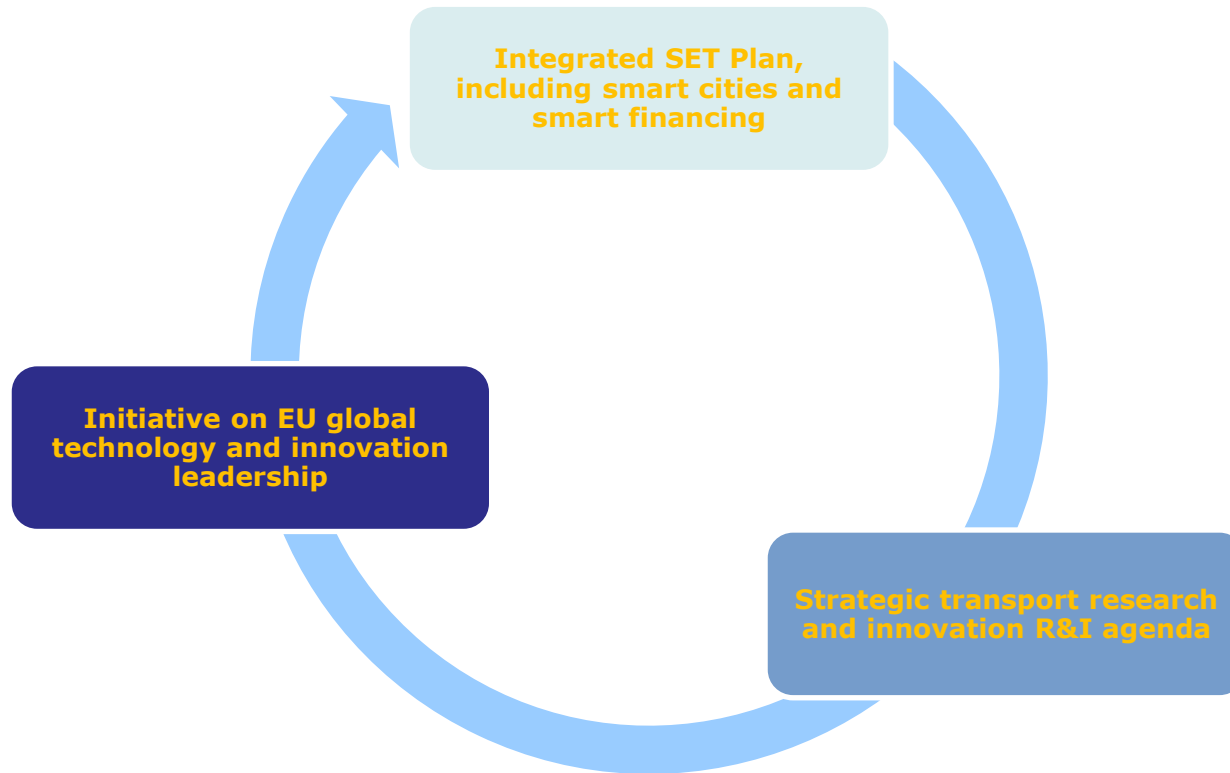


## Developing EU technological leadership in low carbon technologies

This will reduce energy consumption, empower consumers, create huge industrial opportunities and boost growth and jobs.

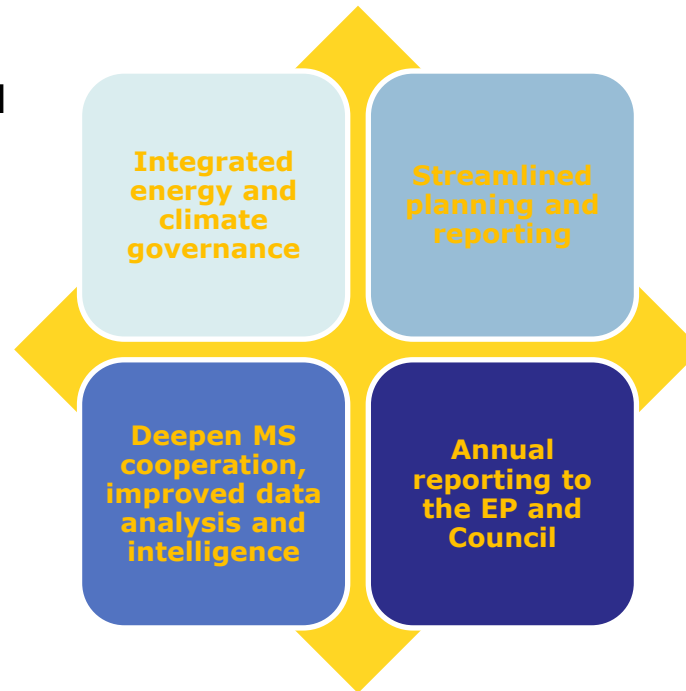
# Research & innovation

## Concrete actions



# Delivering the Energy Union: A dynamic governance

**The Commission will launch a dynamic governance process for the European Energy Union**



Successful implementation depends on the political commitment of all actors concerned, including EU institutions and Member States!





# #EnergyUnion