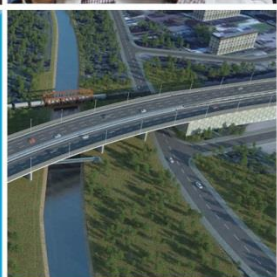
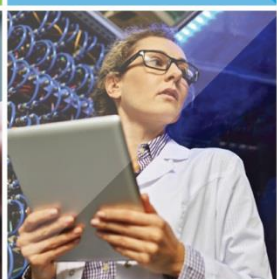




European  
Commission



# EU policy context- Finance for Energy Efficiency

**Paula Rey Garcia,  
Buildings & Finance team leader  
Energy Efficiency unit  
European Commission - DG ENERGY**

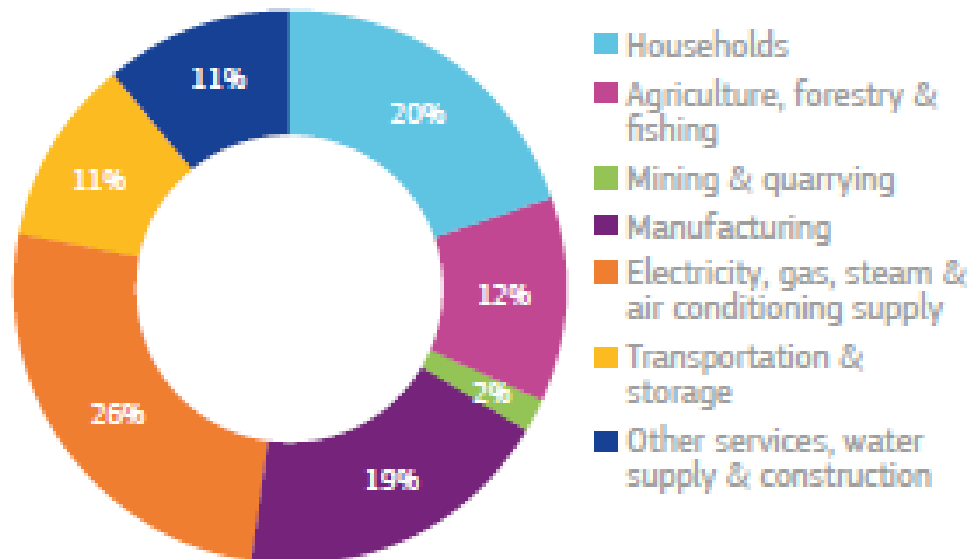
**Horizon 2020 Info day  
Energy Efficiency Call for Proposals  
2019- Parallel session 3  
22 January 2019, Brussels**

# The challenge: tackling households and the energy sector

## Energy consumption rising since 2014

*Reducing the EU's carbon footprint requires a holistic strategy*

Emissions per sector, in % of total



Source: Eurostat

# The opportunity: energy efficiency driven growth and investment

Some illustrations...

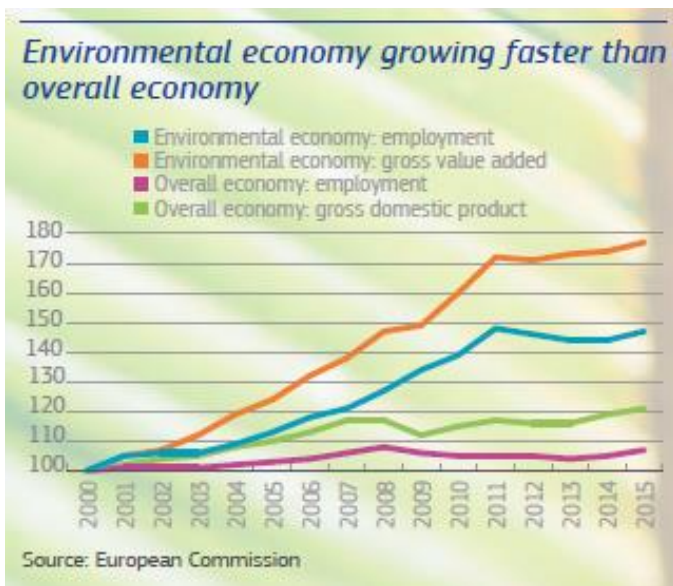
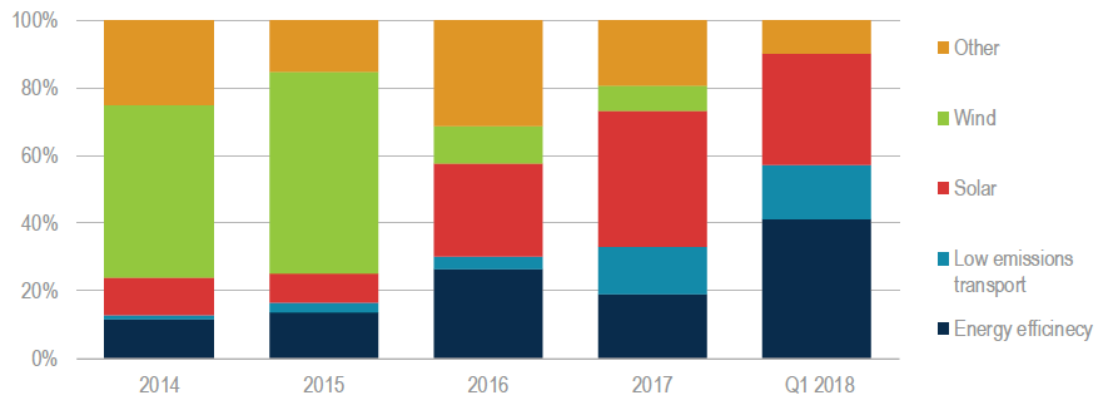


Figure 5.7 Annual allocation of green bank investment, 2014-Q1 2018



**Source: IEA Energy Efficiency 2018 Analysis and outlook for 2040**

# A resilient Energy Union with a forward looking climate change policy



## EU Energy targets by 2030

- At least **40%** cuts in greenhouse gas emissions
- At least **32%** renewables in energy consumption
- **32.5%** energy efficiency

# And coupled with the right enabling framework of support measures

The 'Smart Finance for Smart Buildings' Initiative

More effective use of  
public funds

Attracting private  
finance through  
financial  
instruments and  
innovative business  
models



Project development  
assistance, advisory  
support tools and  
aggregation of small-  
scale projects

Supporting the  
project pipeline at  
EU and local level



De-risking the  
perception of energy  
efficiency investments

Understanding the  
real risks and  
benefits related to  
energy efficiency  
investments



# Strongly tying national renovation strategies & finance mobilisation

*Strengthened EU legislation (Article 2a EPBD) in force since July 2018:*

- 1. With a 'net zero ready' 2050 vision for renovation strategies in all EU Member States**
- 2. Detailed roadmaps of national measures, with measurable progress indicators and milestones for 2030, 2040 and 2050**
- 3. New obligations in support of mobilising investments for renovating existing buildings into a highly energy efficient and decarbonised building stock by 2050**

# Fitting into a broader approach on 'Financing Sustainable Growth'

## SUSTAINABLE FINANCE



Sustainable finance makes sustainability considerations part of financial decision-making. This means more low-carbon, energy- and resource-efficient circular projects.



Fostering more sustainable private investments is part of the goals of the Capital Markets Union (CMU) to connect finance with the specific needs of the European economy, to the benefit of the planet and our society.



Major investments are needed to deliver on climate, environmental and social sustainability targets, including the Paris Agreement and the UN Sustainable Development Goals.

# R&I challenges to unlock finance for energy efficiency post-2020



*Innovative financing for energy efficiency investments*

- **Maximize the leverage ratio of public funds to private finance**
- **Provision of innovative finance and structuring of demand**



*Mainstreaming energy efficiency finance*

- **Technical & legal standardisation, benchmarking of sustainable energy investments**
- **Better data on actual costs and benefits, on payment default rates, on non-energy benefits**



# What else?

## THE ENERGY EFFICIENCY FINANCIAL INSTITUTIONS GROUP (EEFIG)

*The EEFIG starts its next phase with:*

### **1. The first two working groups, on**

- Energy efficiency tagging and taxonomy,
- Financial performance of energy efficiency loans
- Multiple benefits of energy efficiency
- And more

### **2. Plenary meeting on 19 February 2019- Save the date- Organised back to back with the Covenant of Mayors Investment Forum, in Brussels**



**Thank you!**  
**Paula Rey Garcia**  
**Team leader Buildings & Finance**  
**Energy Efficiency Unit**  
**DG ENER, European Commission**

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