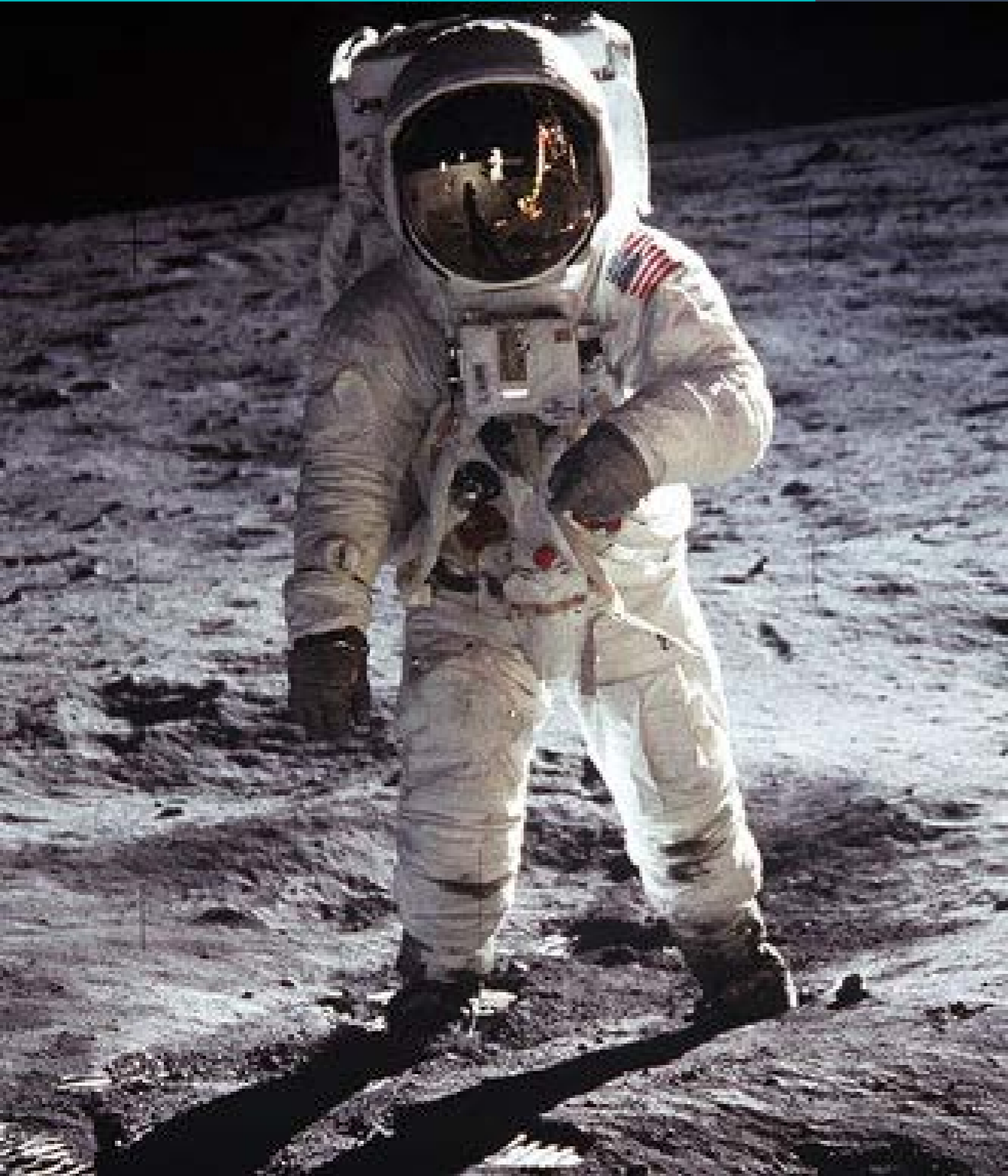


# European Green Deal

INITIAL ROADMAP OF THE KEY  
POLICIES AND MEASURES

**Marco Matrisciano**  
Innovation & Research Manager  
ABIS - The Academy of Business in Society



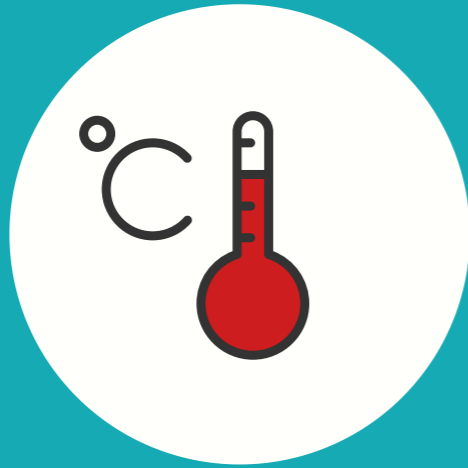
“This is Europe’s man on the moon moment. The European Green Deal is very ambitious, but it will be very careful in assessing the impact of every single step we’re taking”

*Ursula von der Leyen*

*President of the European Commission*



# GREEN DEAL KEY ISSUES



**CLIMATE**



**ENERGY**



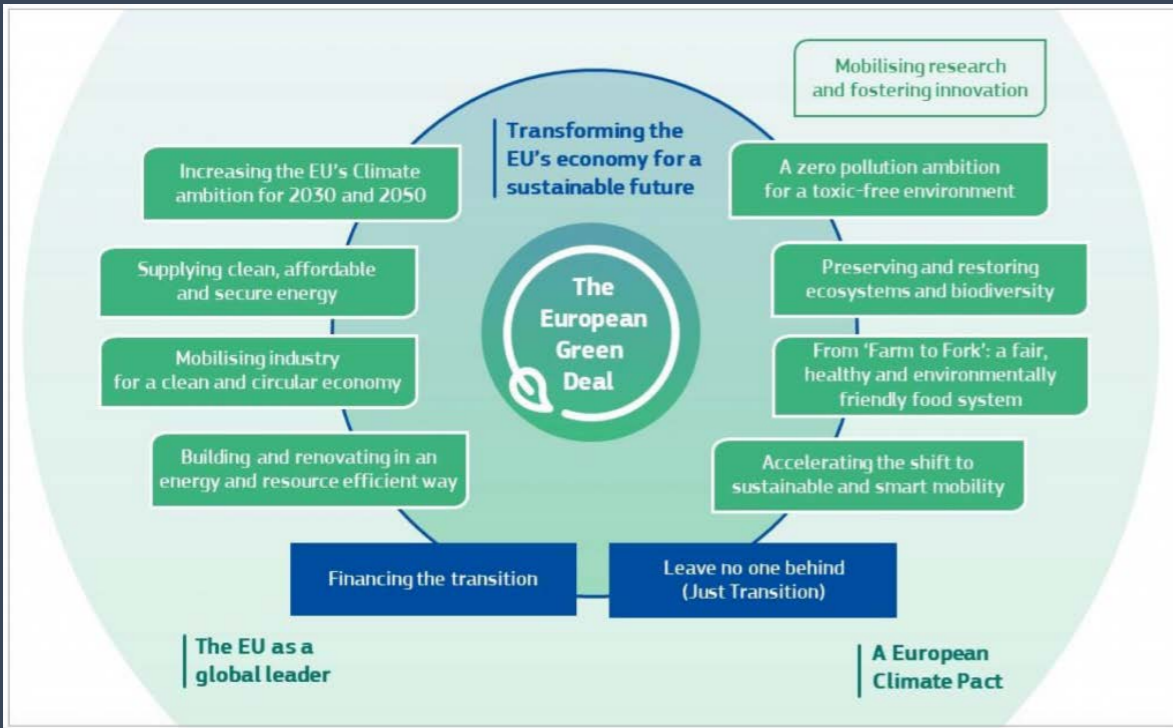
**ENVIRONMENT**

**FINANCE**

**LEAVE NO ONE BEHIND**



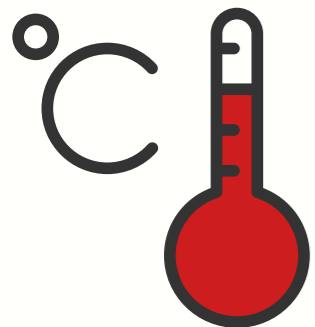
The Green Deal is an integral part of the Commission's strategy to implement the **United Nation's 2030 Agenda** and the **SDGs**.



It will consist of **macroeconomic coordination** to integrate the United Nations' Sustainable Development Goals, to put sustainability and well-being of citizens at the centre of **economic policy**.

**All the EU actions and policies** will have to contribute to the Green Deal objectives.

# CLIMATE AMBITION FOR 2030 AND 2050



EU Commission commitments  
signed in 2018

- 40% by 2030

In order to **limit global warming to 1.5 degrees**, carbon neutrality by mid-21st century is essential. This target is also laid down in **the Paris agreement** signed by 195 countries.

## GREEN DEAL

2030

- 50%

towards - 55%



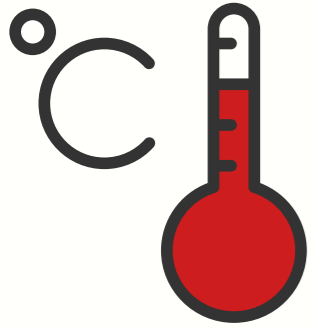
2050

**CLIMATE  
NEUTRALITY**

**Carbon neutrality** means having a balance between emitting carbon and absorbing carbon from the atmosphere in **carbon sinks** (soil, forest and oceans).

\*compared to 1990 levels

# HOW THE EU PLANS TO ACHIEVE THE CLIMATE NEUTRALITY?



## EMISSION TRADING SYSTEM ETS

Limits emissions from more heavy energy-using installations and airlines

'cap and trade' system  
within the cap, companies receive or buy **emission allowances** which they can trade with one another as needed

Covers 45% of all EU's GHG

Market mechanism

## EU CLIMATE LAW

(JUNE 2021)

Ensure that all the EU policies contribute to the climate neutrality

## Energy Taxation Directive

Align taxation with climate objectives

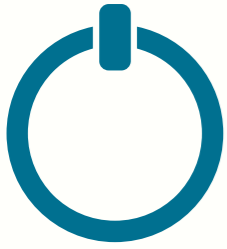
EU Legislation

## EFFECTIVE CARBON PRICING

- Consumer and business behaviors
- Sustainable public and private inv.

Global Value Chain

Carbon Adjustment Mechanism



# SUPPLYING CLEAN, AFFORDABLE AND SECURE ENERGY

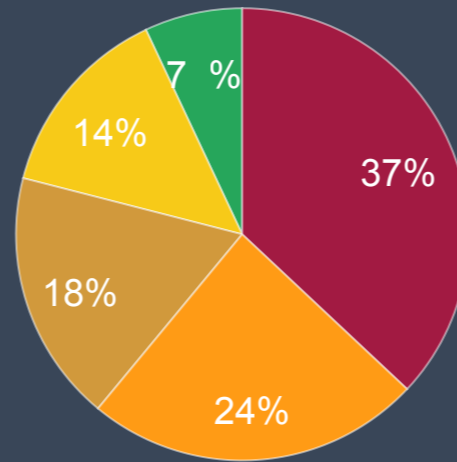


# 75%

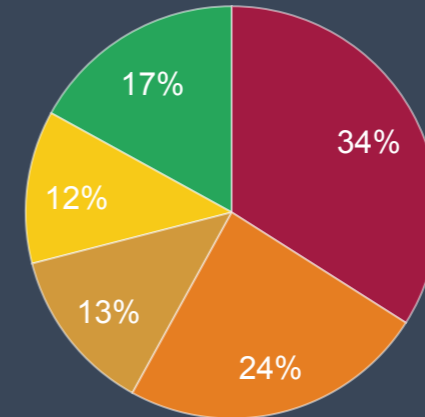
of EU's Greenhouse Gas emission is related to the production and use of energy across economic sectors

While EU only emits **10%** of GLOBAL greenhouse gas

EU primary energy mix



2006 = 1844 Mtoe

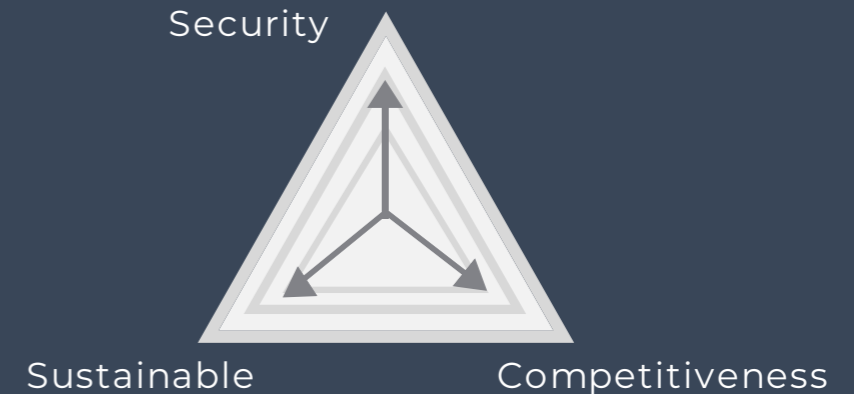


2017 = 1674 Mtoe

- Oil
- Natural Gas
- Coal
- Nuclear
- Renewables

\*based on EUROSTAT data

## ENERGY TRILEMMA





# Energy policy targets of the **GREEN DEAL**



## REDUCE GREENHOUSE GAS EMISSIONS

**2030**

**- 40%**

**2050**

Net zero  
carbon  
footprint

## DEVELOP RENEWABLE ENERGY

**2020**

**20%**

**2030**

**32%**

## IMPROVE ENERGY EFFICIENCY

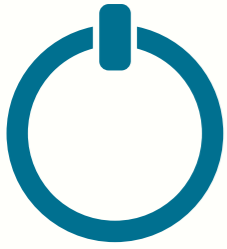
**2020**

**20%**

**2030**

**32,5%**

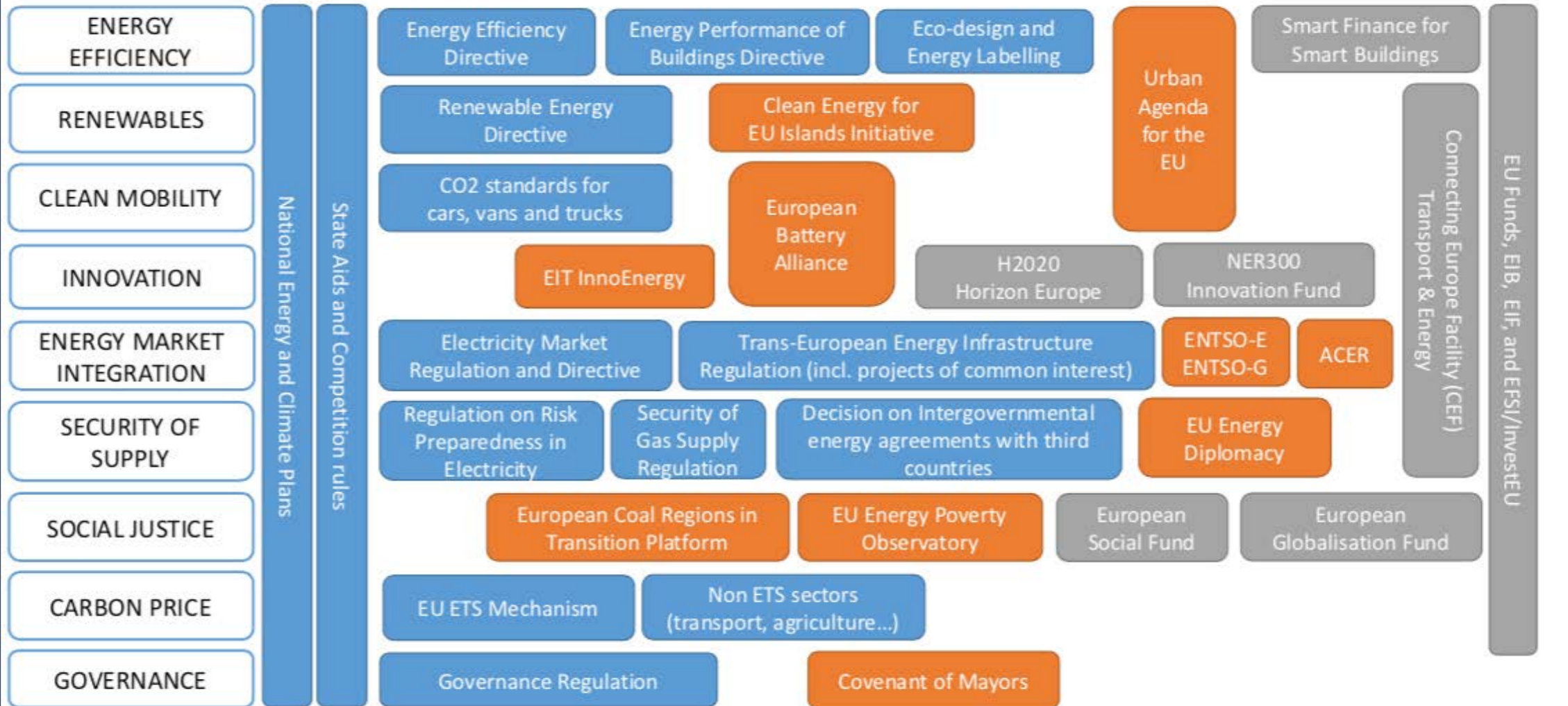




# EU Energy policy main tools in 2019



## EU ENERGY POLICY Main Tools in 2019





# ENVIRONMENTAL POLICIES OF THE GREEN DEAL



**CIRCULAR  
ECONOMY**

**SUSTAINABLE &  
SMART  
MOBILITY**

**ECOSYSTEM &  
BIODIVERSITY**

**BUILDING &  
RENOVATING**

**FARM TO  
FORK**

**TOXIC-FREE  
ENVIRONMENT**



# MOBILIZING INDUSTRY FOR A CLEAN AND CIRCULAR ECONOMY

*It takes **25 years** to transform an industrial sector and all the value chain. To be **ready in 2050**, decision and actions need to be taken in the next five years*

EU's industry accounts for

# 20%

of the EU's greenhouse gas emissions

## Circular Economy Action Plan

March 2020

Sustainable Products policy



Textile



Construction



Electronics



Plastic

Only **12%** of the materials used by EU industry come from recycling

- **Circular design**
- **Reducing and reusing material**
- **New business models**

- **Prevent environmentally harmful products**
- **Extend producer responsibility**



# Sustainable products in Circular Economy



**Ecodesign &  
Energy Labelling**

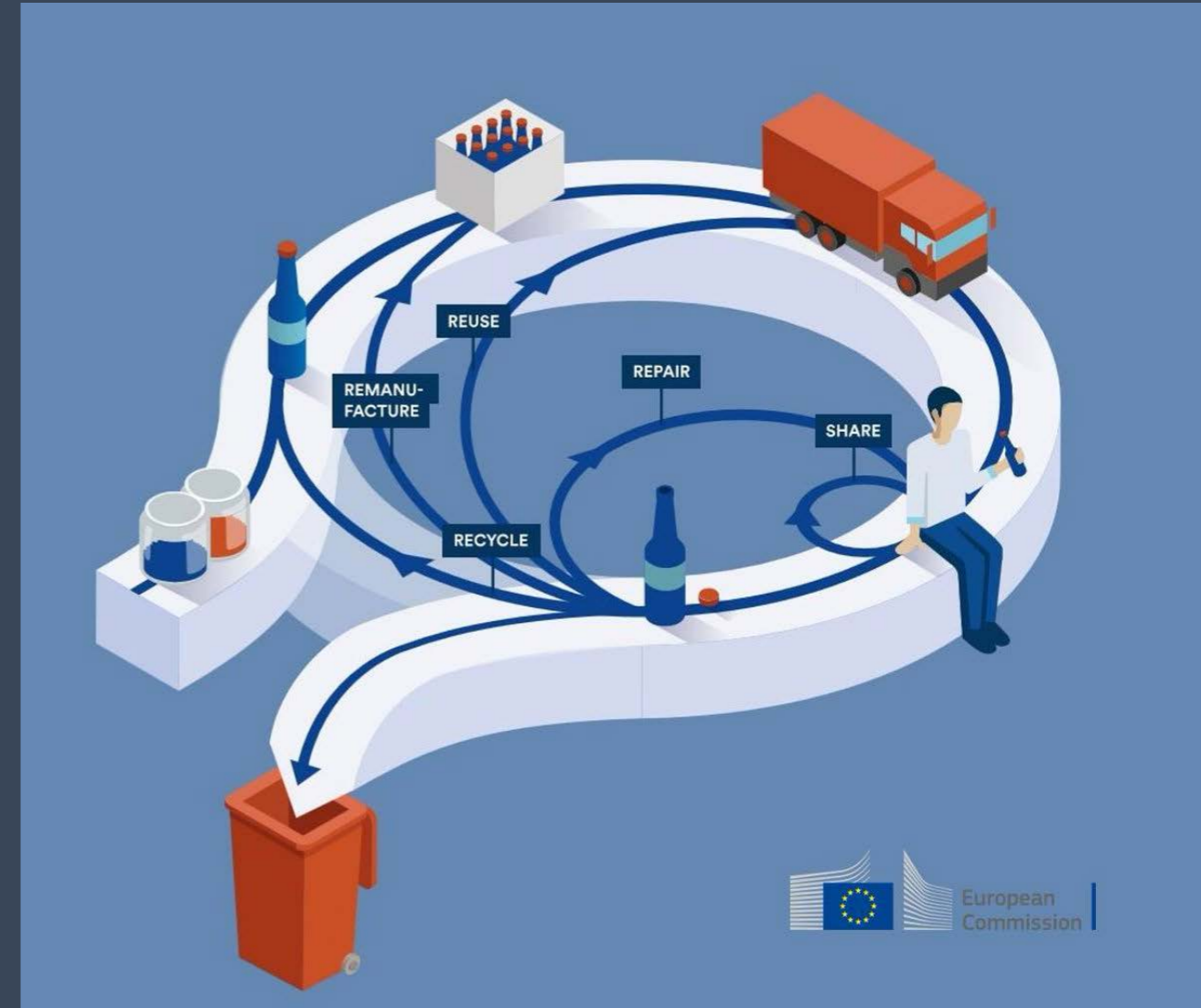
**Extended  
Producer  
Responsibility**

**Green Public  
Procurement**

**Packaging**

**Electrical and Electronic  
equipment and batteries**

**Building and  
constructions**





# BIODIVERSITY & ZERO POLLUTION



**Biodiversity  
Strategy**  
March 2020

**Green European  
cities**

**EU Forest  
Strategy**

**Agriculture  
*Farm to Fork***

**Blue  
Economy**

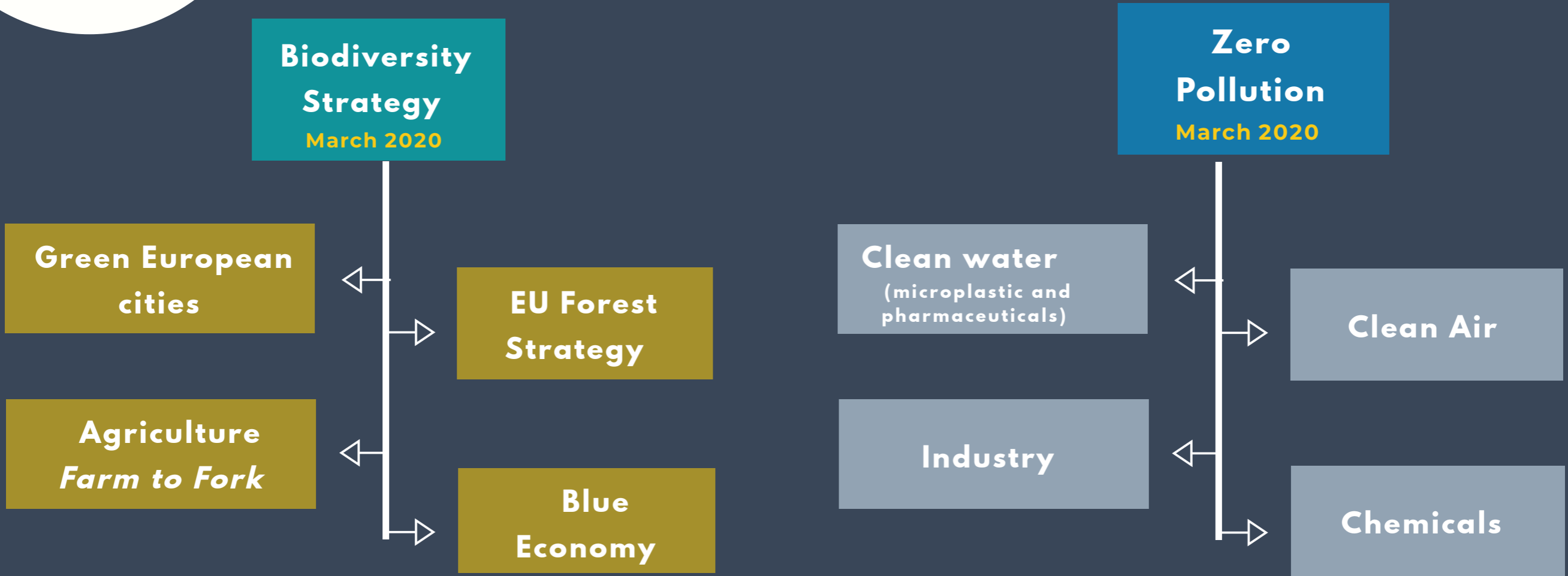
**Zero  
Pollution**  
March 2020

**Clean water**  
(microplastic and  
pharmaceuticals)

**Clean Air**

**Industry**

**Chemicals**





# SUSTAINABLE EUROPE INVESTMENT PLAN



€260 billion  
of additional investment  
1,5% of the 2018 GDP



**2030  
OBJECTIVES**

## EU BUDGET

Commission proposal



**25%** target for climate  
mainstreaming across all EU  
programs



New revenue streams

1. Non-recycled plastic waste
2. Allocate 20% of the ETS to the EU budget

## InvestEU Fund

**30%** to fight Climate  
Change

## European Investment Bank

Climate target from  
**25% to 50%** by 2025

## JUST TRANSITION MECHANISM

**€100 billion** to support  
regions and sectors that are most  
affected by the transition  
because they depend from fossil  
fuels or carbon intensive group

Co-financing by  
Member State



**PRIVATE  
SECTOR  
contribution to  
financing the  
green transition**



**Foundation of sustainable investment**

- 1 - Taxonomy for classifying environmental sustainable activities
- 2 - Non-Financial Reporting Directive



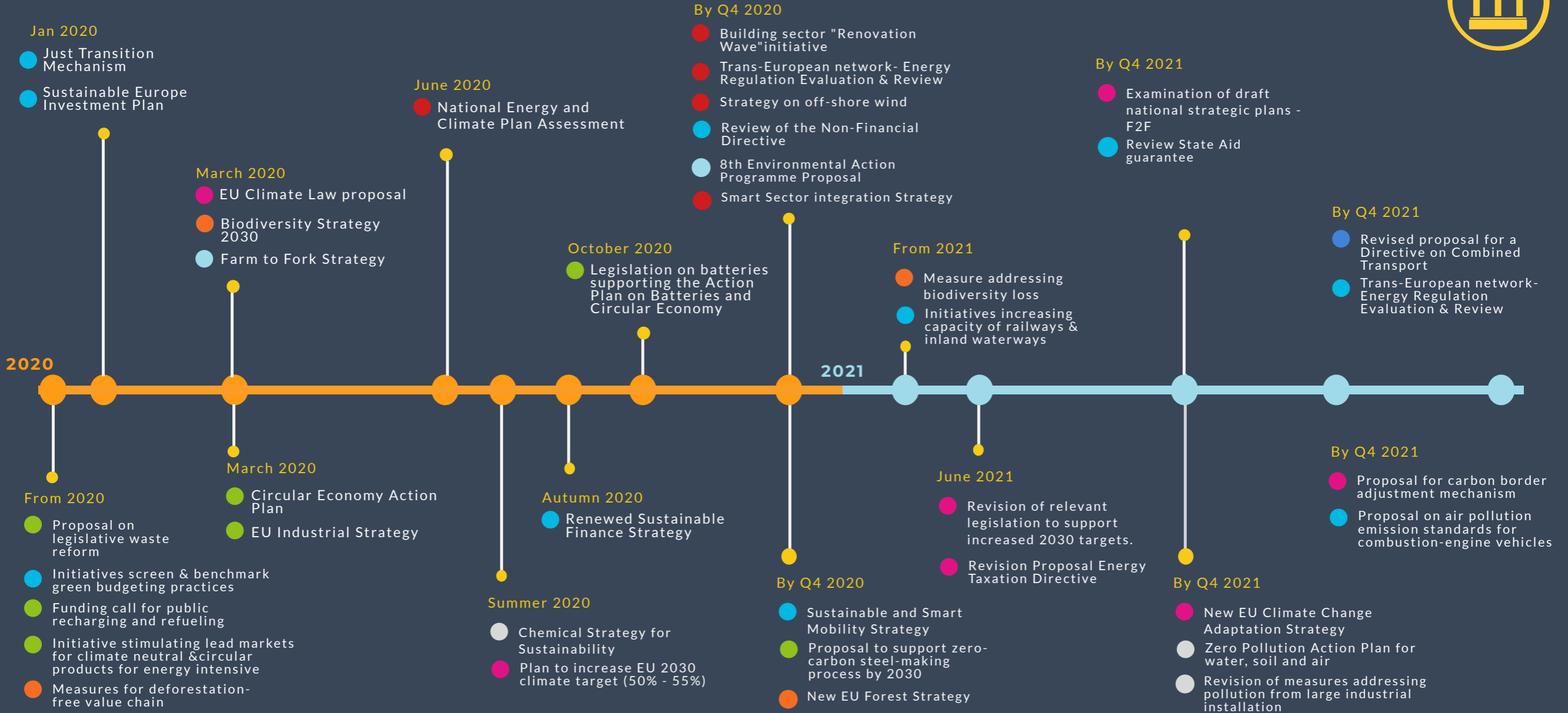
**Identification of sustainable investment**

- 1 - Clear labels for retails investment products
- 2 - EU Green Bond standard



**Climate and environmental risks will be managed and integrated into the financial system**

# GREEN DEAL IMPLEMENTATION ROADMAP



● Mainstreaming Sustainability

● Climate Ambition

● Preserving Biodiversity

● Climate Pact

● Clean Energy

● Industrial Strategy for Circular Economy





# Thank You

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