

**Brussels, 26 October 2021** 

WK 12821/2021 INIT

LIMITE

**COMPET** 

### **WORKING PAPER**

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#### **MEETING DOCUMENT**

From: To:	General Secretariat of the Council Working Party on Competitiveness and Growth (Industry)
Subject:	Energy - Renewables Ecosystem - Powerpoint presentation (Compcro WP 26.10.2021)

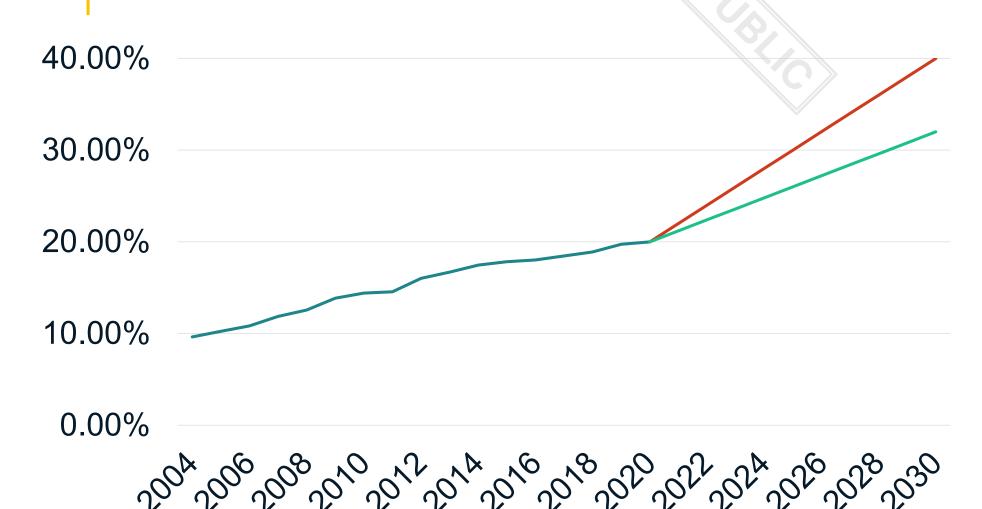


# Energy – Renewables Ecosystem

Working Party on Competitiveness and Growth

26 October 2021

### Renewables sector



<sup>2</sup>—historical —Proposed —Renewable Energy Directive



1.2 million employed



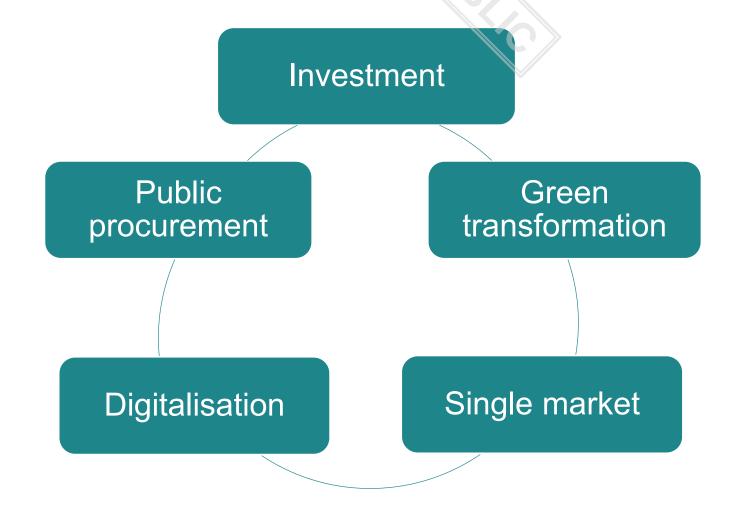
1% of EU value added (EUR 122 billion)



111,000 firms 99.4% of SMES



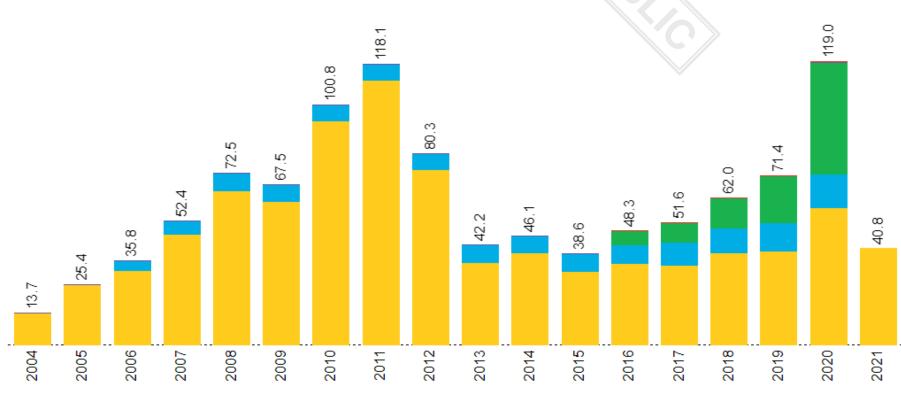
## EU policy toolbox for renewables

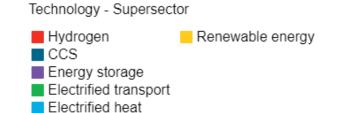




### Investments

Energy transition investment (\$bn), historic

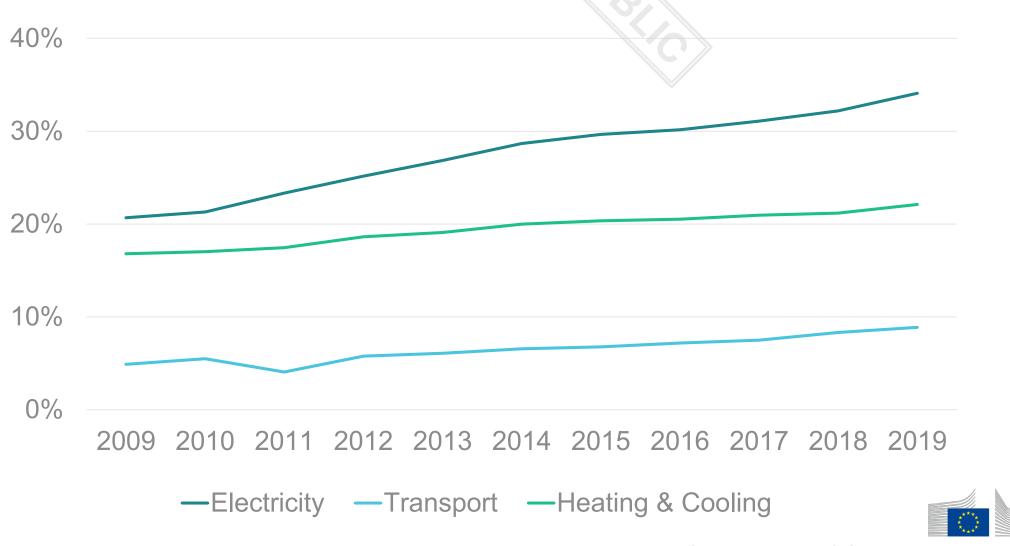






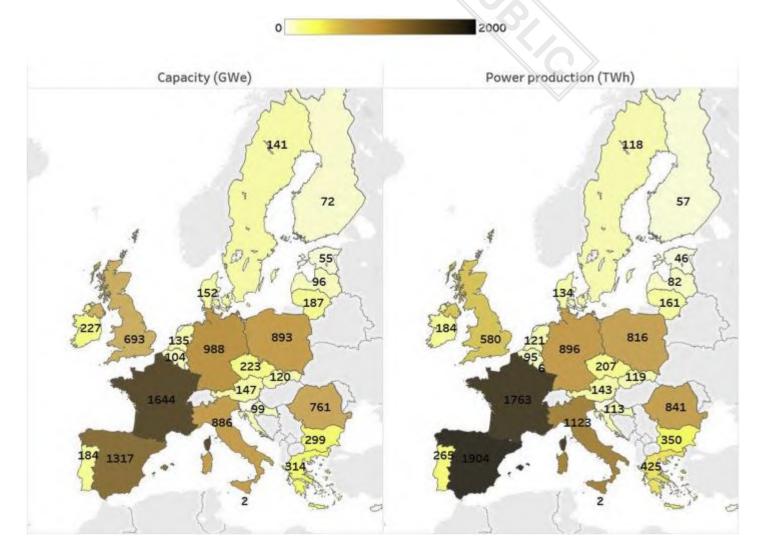
Source: BNEF, 2021

### Green transformation



Source: EUROSTAT, 2021

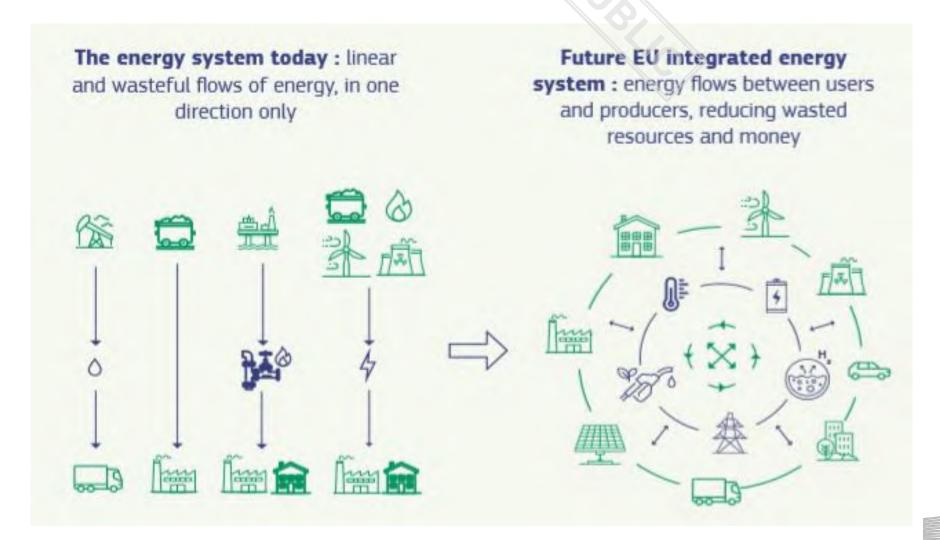
# Single market





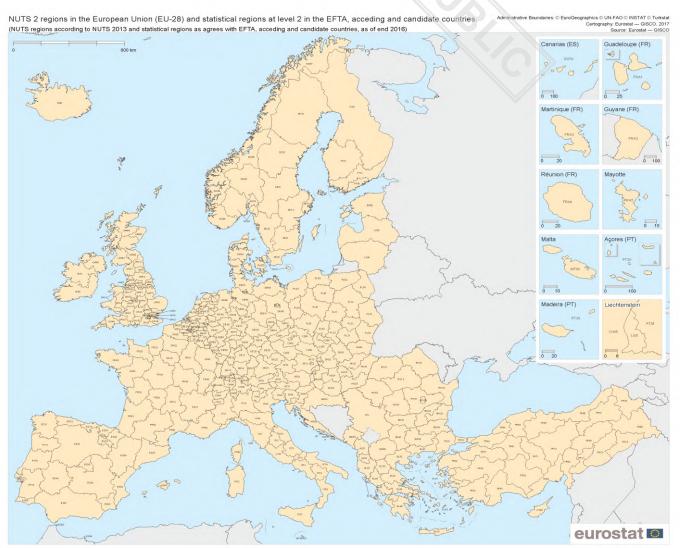
Source: JRC, ENPRESO, 2019

## Digitalisation



European Commission

# Public procurement





Source: EUROSTAT, 2019

# Comprehensive industrial strategy for the Renewables Industries Ecosystem

### COMPLEX SYSTEM BOUNDARIES:

Different industries (solar, wind etc.) with complex value chains and complex deployment challenges

#### **POLICY CHALLENGE:**

Need to scale up the RES ecosystem in order to match growing decarbonised electricity needs and contribute to the EU's competitiveness

GROW's
POSITION in the
RENEWABLES
ECOSYSTEM

#### TRANSITION PATHWAY:

Complex transition of the energy system (i.e. what the ecosystem produces) and the technology system (i.e. what the ecosystem consists of)

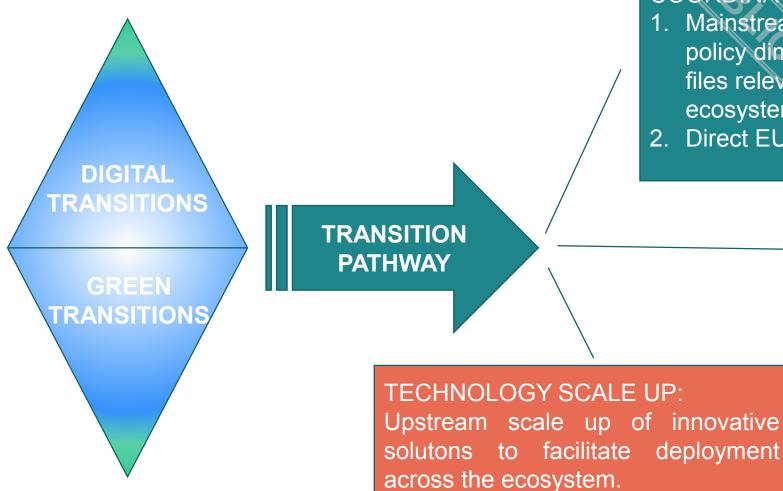
#### **INVESTMENT NEEDS:**

Investment gap, barriers & variety of investment channels



Comprehensive industrial strategy for the Renewables

**Industries Ecosystem** 



### **COORDINATION:**

- 1. Mainstreaming the industrial policy dimension into the policy files relevant for the renewables ecosystem
- 2. Direct EU program orientations

### **DIRECTED INVESTMENT:**

Identifying EU policy and investment opportunities for businesses in the renewables industries ecosystem;

