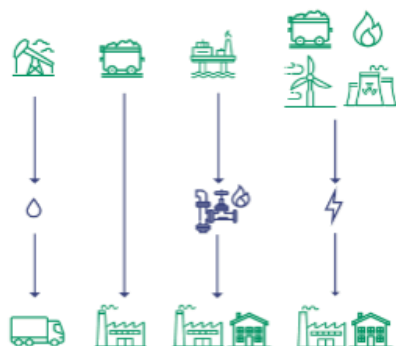


## Support for Energy Transition

### Energy Transition in a nutshell



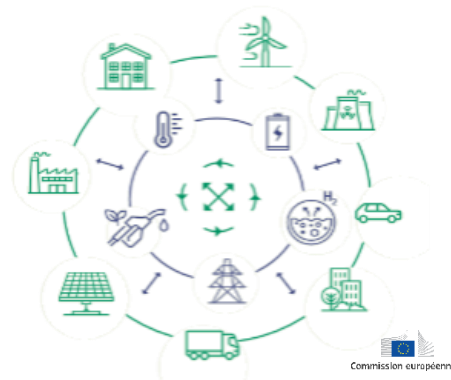
#### Existing energy system

Linear, unidirectional energy flows and silos operating

**A compartmentalized system, waste generator system**



The European Union aims to move to 55% or 60% of renewables by 2030 and 84% by 2050.



#### Future energy system

Circular energy flows between users and producers

**Optimisation of the energy produced and cost reduction**

### Supporting R&D&I for an in-depth reform of the European energy system

**a more efficient and circular system** in which waste energy is recovered and reused



- promoting energy efficiency
- recovering waste heat from industrial sites and data centers
- improving synergies between energy infrastructures
- recovering agricultural residues for producing biogas and sustainable biofuels

**a cleaner energy system**, in which electrification will be more direct in end-use sectors such as industry, buildings heating and transports



- increasing electricity production from renewables sources
- increasing the use of electricity from renewables sources

**a renewable and low-carbon fuel supply system** for sectors that are difficult to convert to electricity and thus decarbonise, such as heavy industry or heavy transport



**adapting energy markets and infrastructure to a more complex and integrated energy system**



- equal treatment for all energy carriers
- supporting the digitalisation for the integration of the energy system

#### The added value of In Extenso Innovation Croissance

**20**  
years

**+100**  
projects

**360°**  
support

**Our expertise to serve all stakeholders (public & private) in the energy field and a global support, from framing to the submission and from coaching to drafting**

## Current priorities & challenges

### Industry decarbonation

Support for low-carbon heat  
Investment support for energy efficiency and process evolution

### Hydrogen

National strategy for the development of carbon-free hydrogen  
Focus on Renewable H<sub>2</sub> and green H<sub>2</sub>

### Energy recovery

Energy production from SRF  
Energy recovery from biomass

### Dual energy technologies

Funding dual energy technologies, CBRN-E protection and digital technologies

### Nuclear

Support for R&D and industrial modernisation  
Strengthening the skills of the nuclear industry

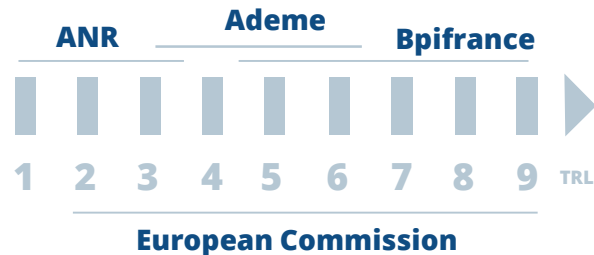
### Batteries

Focus on the whole value chain: development - production and battery technology costs

### Renewable Energies

Development and integration of renewables

The main funding sources



## Ongoing calls for projects

### Hydrogen

#### PIA Bricks and Demonstrators

(ADEME) - until 12/31/2022

#### Territorial Ecosystems

(ADEME) - closing : 09/14/2021

#### International call on H<sub>2</sub> technologies

(ANR) - closing : 07/09/2021

#### Priority Research Programmes and Equipments

(ANR) - closing : 07/23/2021

### Industry Decarbonation

#### Decarbonation of processes and utilities in industry

(ADEME) - closing: 10/14/2021

#### Biomass Heat Industry Tertiary Agriculture

(ADEME) - closing: 10/14/2021

#### Solid Recovered Fuels

(ADEME) - closing: 10/14/2021

### And also...

#### Structuring Projects for Competitiveness

(Bpifrance) - closing: 06/29/2021

LabCom (ANR) - closing : 09/21/2021

#### Energy Transition Accelerator

(Bpifrance) - clôture : 16/06/2021

### Batteries

#### Sciences and Engineering of Materials for Innovation in Europe

(ANR) - closing: 06/15/2021

### Nuclear

#### Industrial Recovery Plan - Strategic Sectors

(Bpifrance) - closing: 06/01/2021

## Upcoming opportunities

### Hydrogen

**IPCEI AMI** (Bpifrance)

**Horizon Europe > Cluster 5**

(EC) - opening from 06/07/2021

**Clean Hydrogen Alliance** (EC) - opening end 2021

### Other calls

**Fonds Friches (reconversion)**

(ADEME) - opening: Q3 2021

**LIFE** (EC) - opening: Q3 2021

**Innovation Fund** (EC) - opening: october 2021

**Horizon Europe > Clusters 5-4-6**

(EC) - opening from 06/07/2021