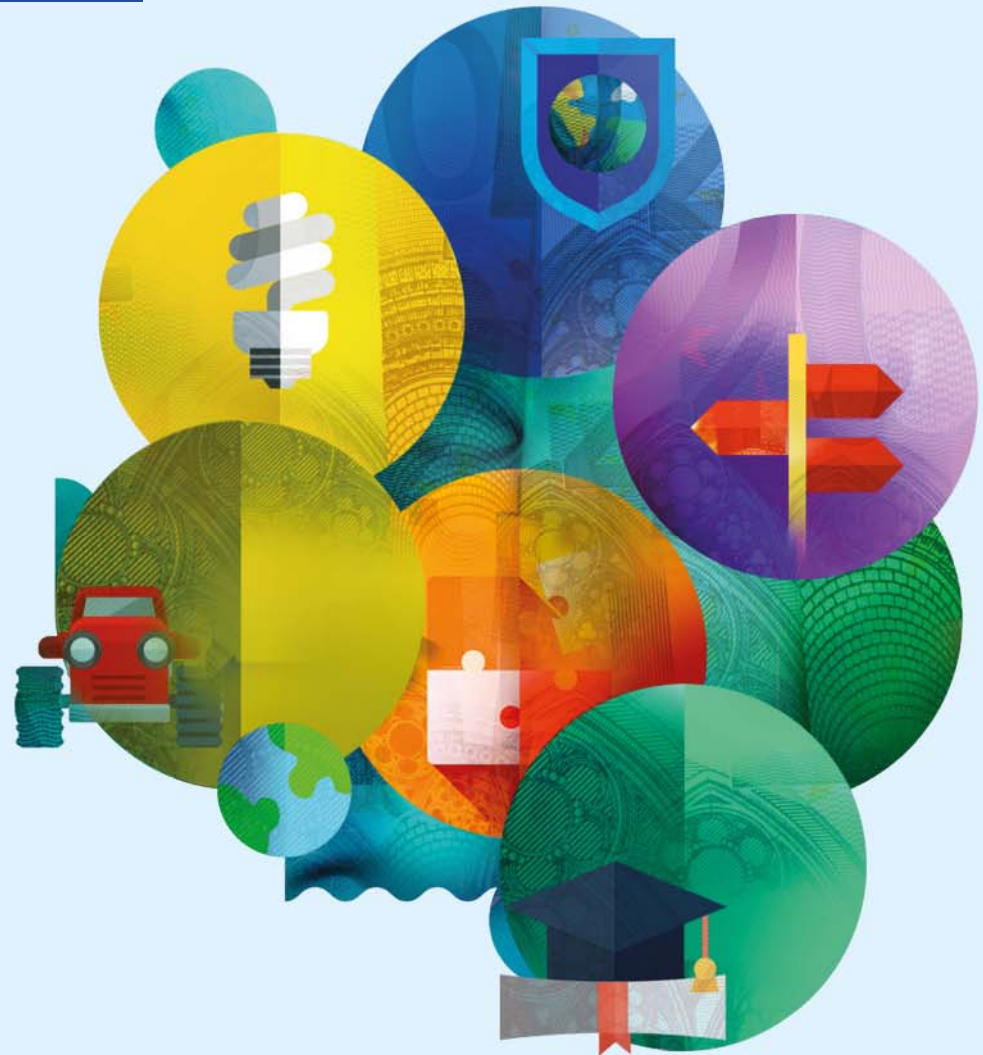


Accelerating the transition to clean energy and sustainable buildings

Margot Pinault

Energy Efficiency Unit

DG ENERGY





2030 OBJECTIVES

The EU climate and energy targets for 2030
in line with the Paris Agreement.



PARIS2015
UN CLIMATE CHANGE CONFERENCE
COP21 · CMP11



Minimum **40%** cut in greenhouse gas emissions compared to 1990 levels



At least a **32%** share of renewables in final energy consumption



At least **32,5%** energy savings compared with the business-as-usual scenario

Public money
MFF

The yearly investment gap to meet these targets is estimated to be **between € 150 to 200 billion.**

Private capital

Public support alone will not be sufficient to meet those investment needs.
The private sector will have to play a huge role and a smart policy framework is needed to incentivise private investment.



European
Commission

THE CLEAN ENERGY TRANSITION

2030

50% of electricity to
come from renewables



2050

Electricity completely
carbon free, fully
decarbonised EU
buildings stock

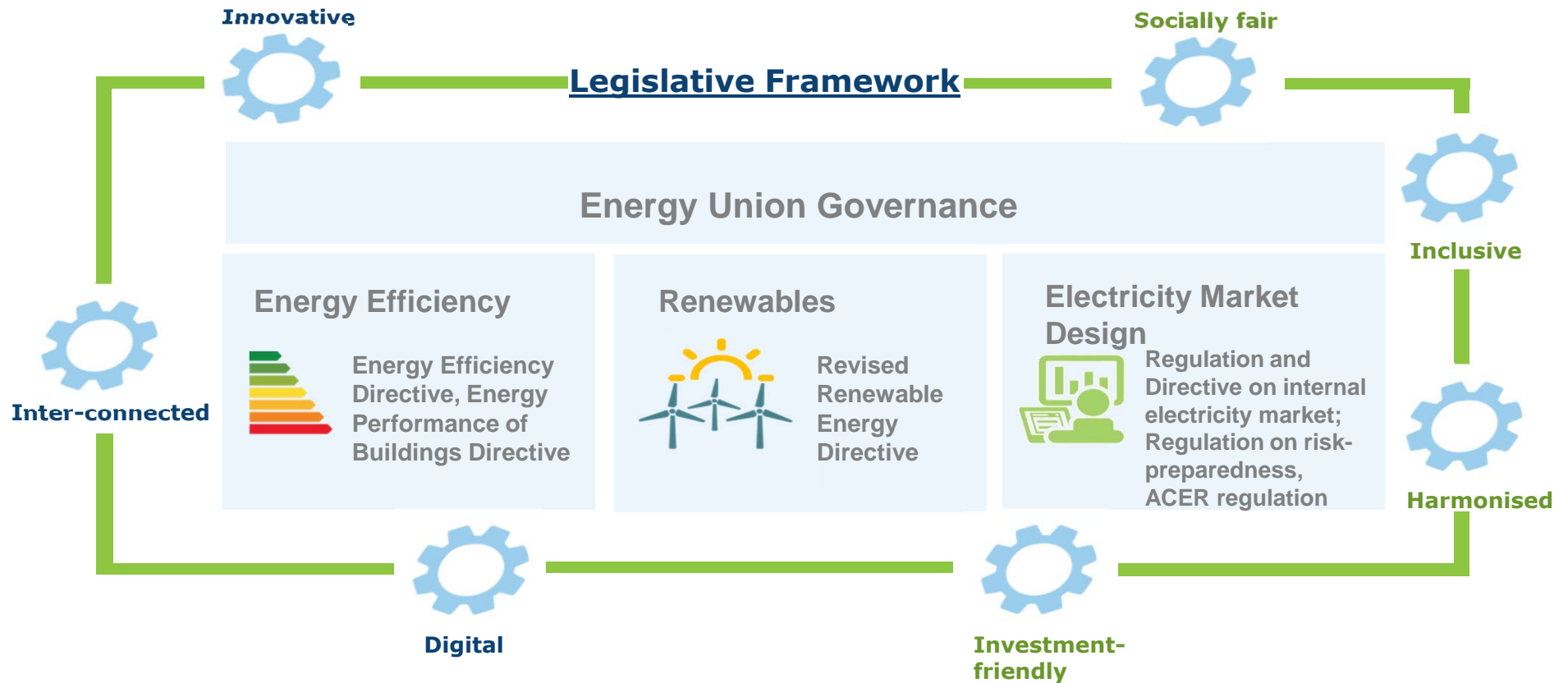


Unique opportunity to modernise our economy and to

boost competitiveness

create growth and jobs

CLEAN ENERGY FOR ALL EUROPEANS POLICY PACKAGE





THE NEXT MULTIANNUAL FINANCIAL FRAMEWORK (2021-2027 MFF)*

In billion euro, current prices

25% climate mainstreaming across the EU Budget



I. SINGLE MARKET, INNOVATION AND DIGITAL €187.4

- 1 Research and Innovation
- 2 European Strategic Investments
- 3 Single Market
- 4 Space



II. COHESION AND VALUES €442.4

- 5 Regional Development and Cohesion
- 6 Economic and Monetary Union
- 7 Investing in People, Social Cohesion and Values



III. NATURAL RESOURCES AND ENVIRONMENT €378.9

- 8 Agriculture and Maritime Policy
- 9 Environment and Climate Action



IV. MIGRATION AND BORDER MANAGEMENT €34.9

- 10 Migration
- 11 Border Management



V. SECURITY AND DEFENCE €27.5

- 12 Security
- 13 Defence
- 14 Crisis Response



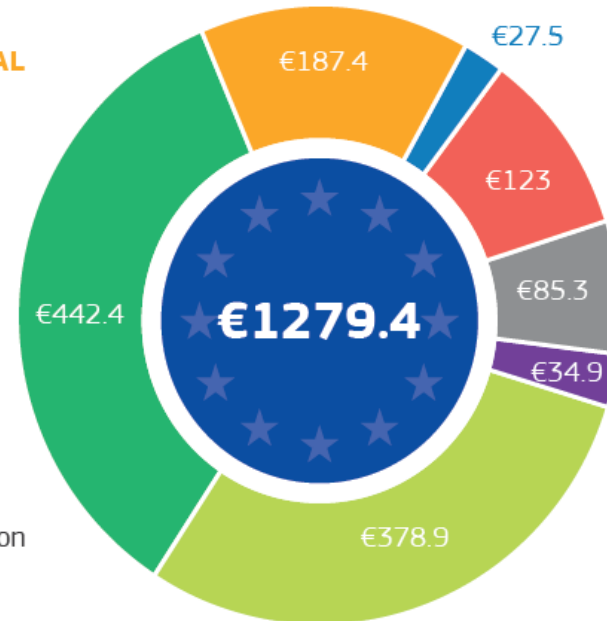
VI. NEIGHBOURHOOD AND THE WORLD €123

- 15 External Action
- 16 Pre-Accession Assistance



VII. EUROPEAN PUBLIC ADMINISTRATION €85.3

- 17 European Public Administration



*European Commission proposals May-June 2018

EU funds for Energy Transition – next MFF (2021-2027):

➤ **Direct support**

European Structural and Investments Funds (ERDF/CF)

Connecting Europe Facility (CEF)

➤ **Capacity building and policy support**

LIFE- Clean Energy Transition (LIFE)

➤ **R&I and technology development**

Horizon Europe (HE)

➤ **Mobilising private investments by reducing the risk:**

InvestEU – Sustainable Infrastructure (InvestEU)



LIFE PROGRAMME

(the Commission proposal, 1 June 2018)

- Proposed budget for 2021-2027: EUR 5.45 billion
- Climate mainstreaming: 61%
- Sub-programmes:
 - Nature & biodiversity
 - Circular economy and quality of life
 - Climate change mitigation and adaptation
 - **Clean energy transition – 1 bn€ (2021-2027)**
 - *Enabling actions for energy efficiency and renewable energy policy implementation*

The delivery modes: developing and spreading best practice, mobilising investments, improving skills, creating market conditions for technology deployment and supporting vulnerable groups and territories

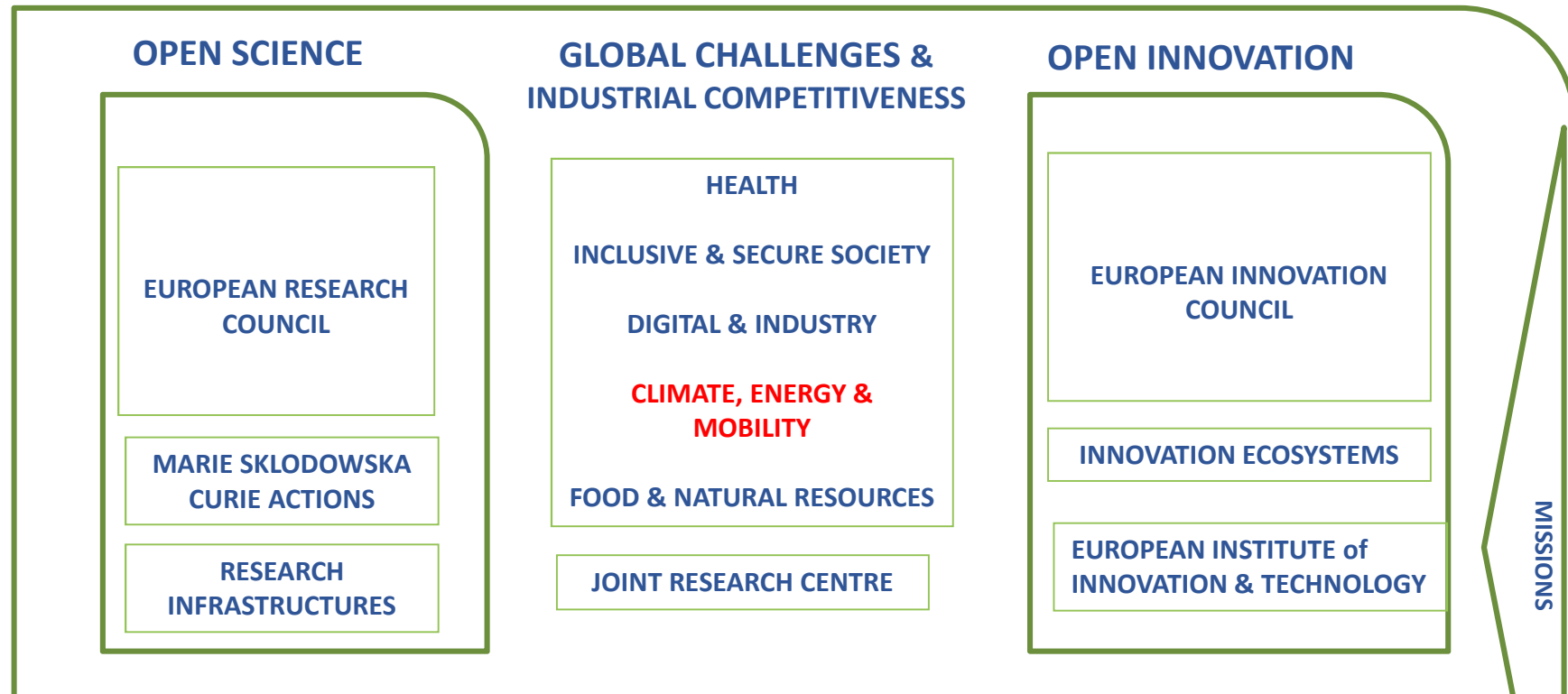


INVESTEU PROGRAMME

- The Union's new investment instrument: single budgetary guarantee
- EUR 38 bn (40% provisioning rate) to mobilize over EUR 650 bn
 - Main implementing partner: EIB Group (75%)
- 4 policy windows:
 - **Sustainable Infrastructure Window (EUR 11,5 of the 38 bn.)**
 - Research & Innovation Window
 - SME Window
 - Social Window
- InvestEU Advisory Hub (central TA facility)
- InvestEU Portal
- Climate mainstreaming: 40%
 - SIW: 55% to climate and environment



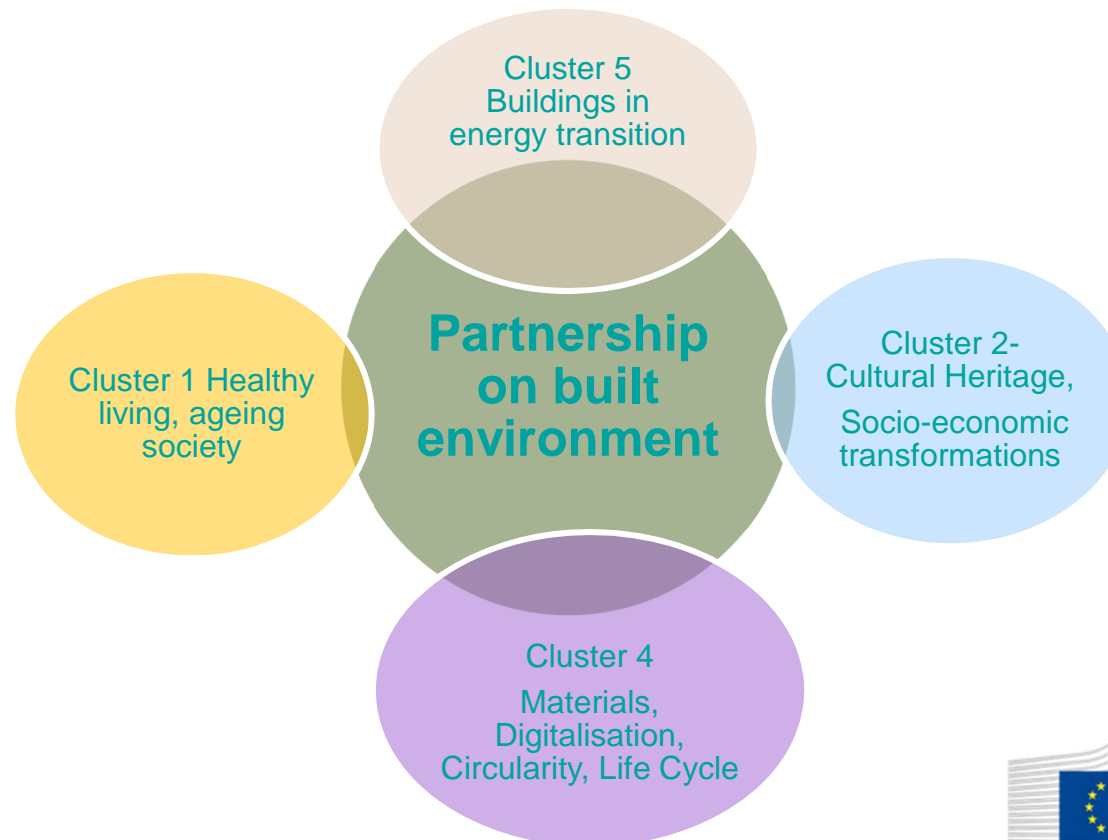
Horizon Europe (the Commission proposal, 7 June 2018)



- Proposed total budget 2021-2027: EUR 97.6 billion
- **Cluster 5: Climate, Energy and Mobility, EUR 15bn**

Horizon Europe co-programmed partnership: *Sustainable built environment for people* *(Build4People)*

a **cross-cluster structure**, bringing together **public and private sectors** to create **a holistic R&I approaches** to the built environment for **sustainability and better living**



***Thank you for
your attention!***

