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Tracking energy and climate investment flows

Climate Investment Capacity 2030

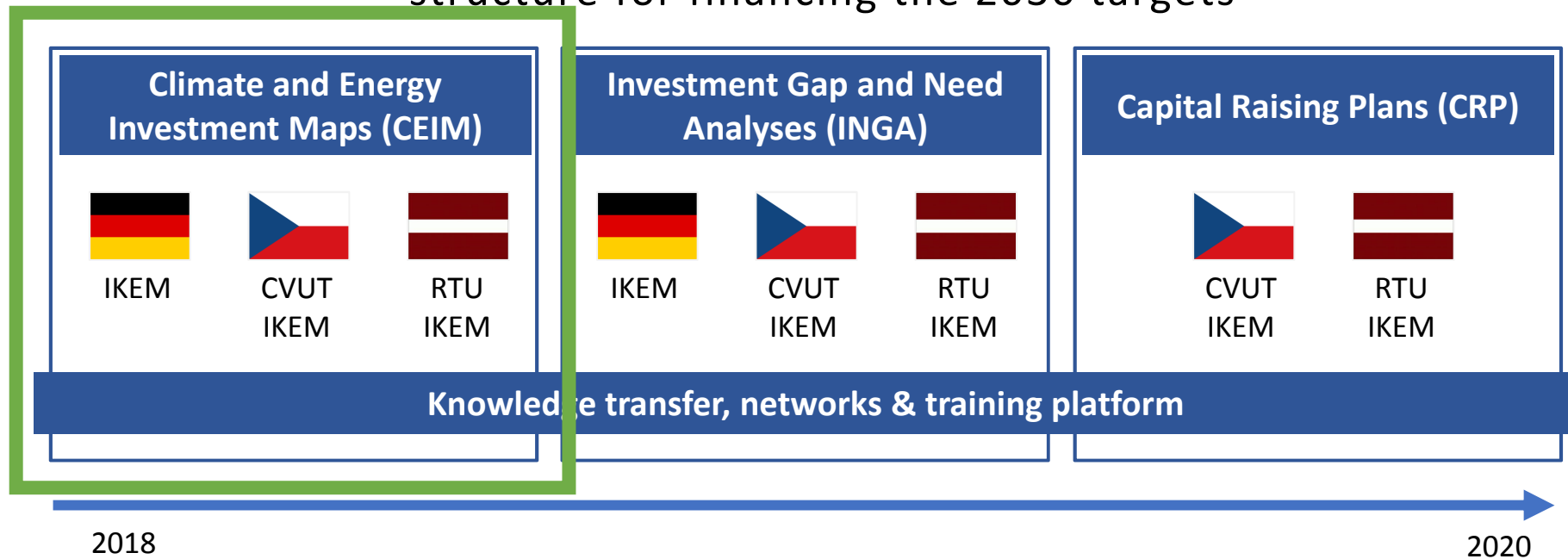
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Project overview

Climate investment capacity (CIC): climate finance dynamics & structure for financing the 2030 targets



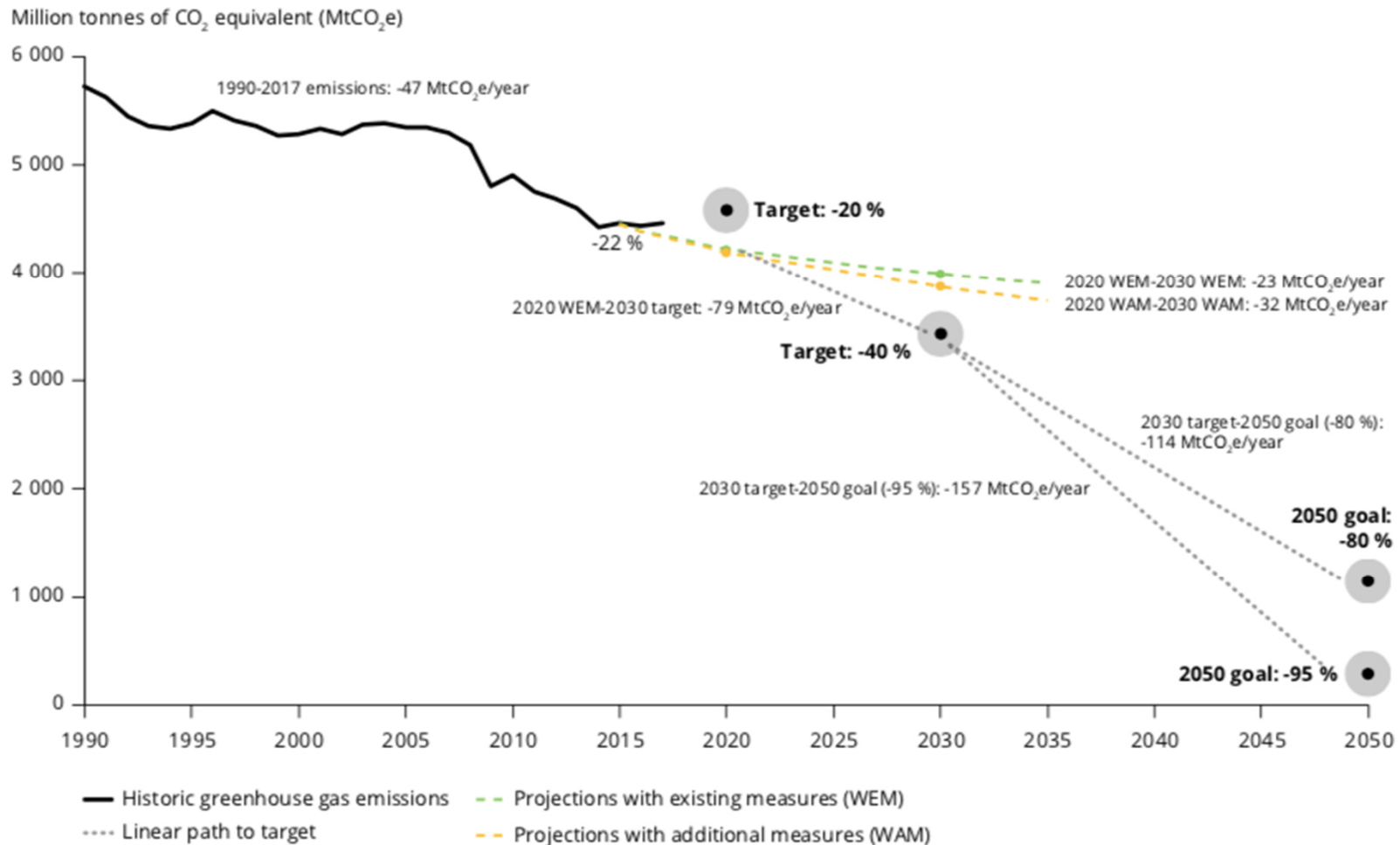
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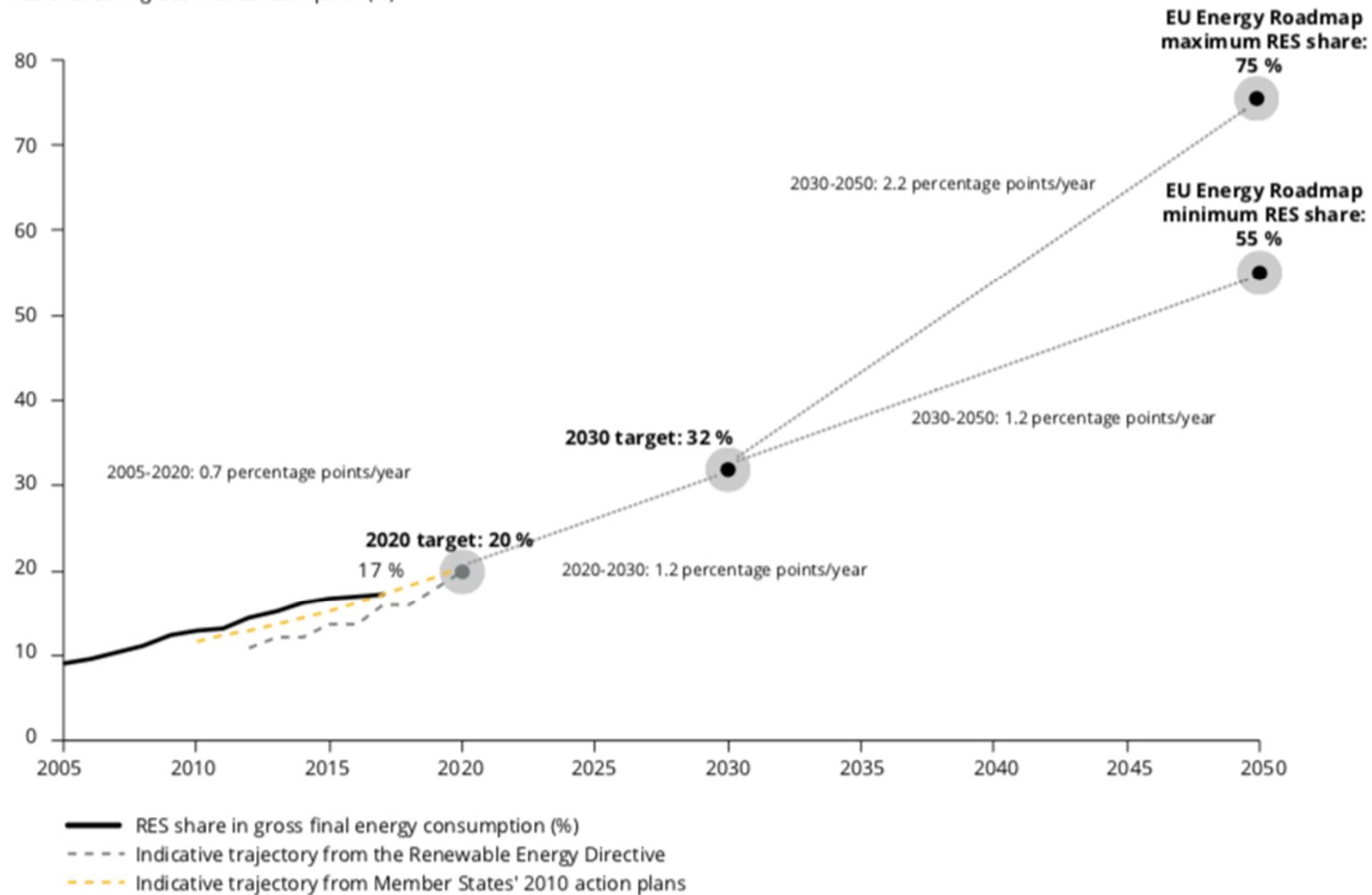


Why tracking?

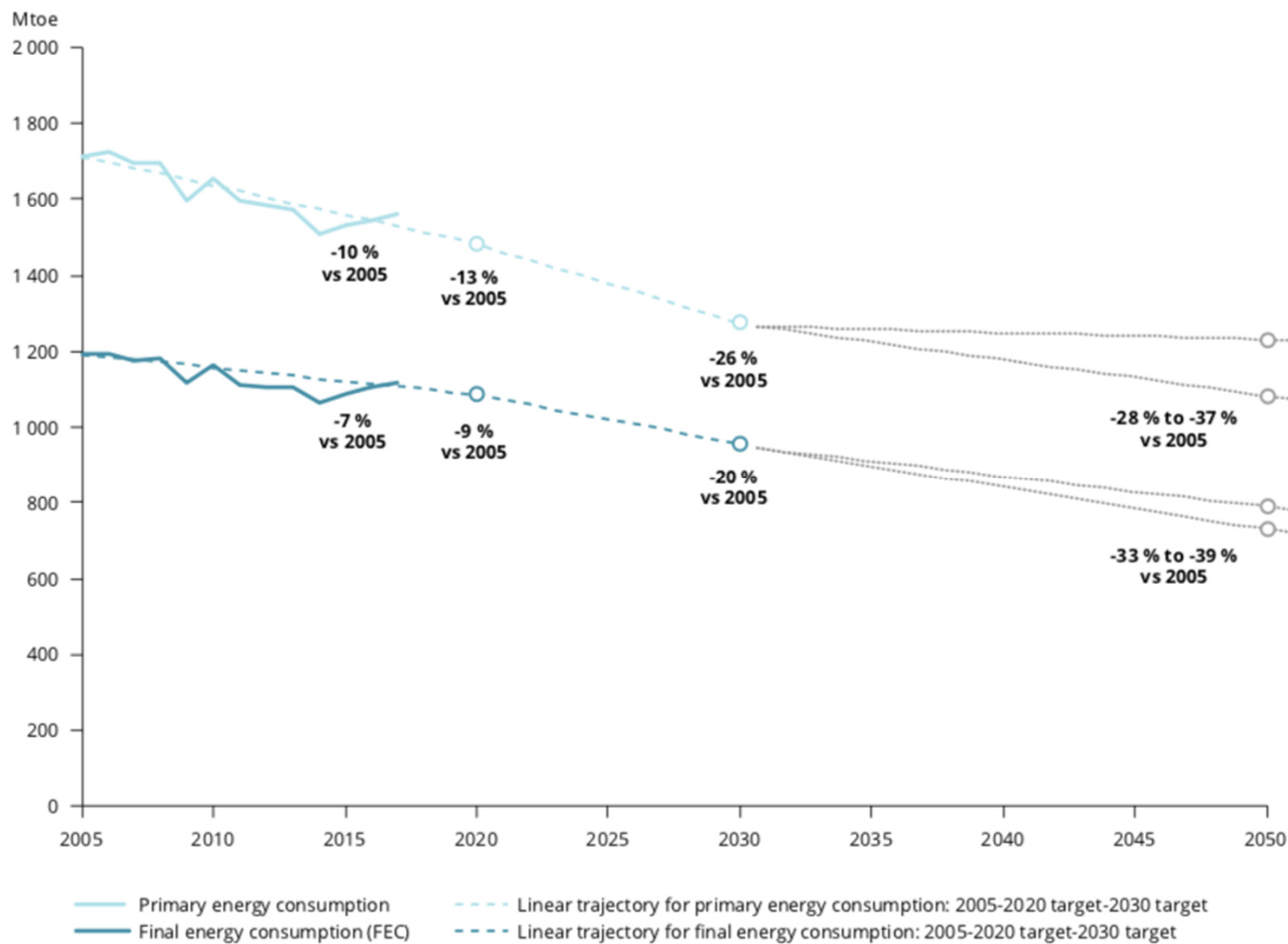


Why tracking?

RES shares in gross final consumption (%)



Why tracking?



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Why tracking?

180 billion euros annual additional investment

ANNEX I

GENERAL FRAMEWORK FOR INTEGRATED NATIONAL ENERGY AND CLIMATE PLANS

5. IMPACT ASSESSMENT OF PLANNED POLICIES AND MEASURES (1)

5.3. Overview of investment needs

- i. existing investment flows and forward investment assumptions with regard to the planned policies and measures
 - ii. sector or market risk factors or barriers in the national or regional context
 - iii. analysis of additional public finance support or resources to fill identified gaps identified under point ii
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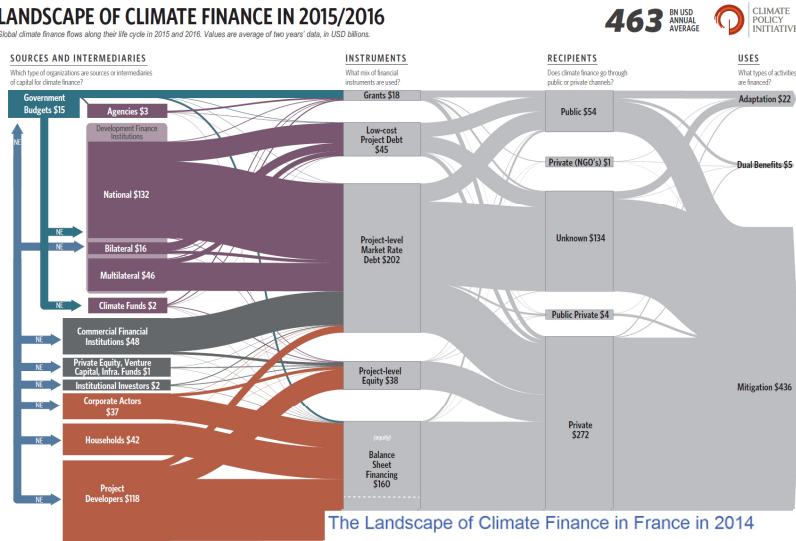
Why tracking?

	Investment flows	Investment needs
Austria	No information	No information
Belgium	No information	No information
Bulgaria	To be updated in Final NECP	To be updated in Final NECP
Croatia	No information	No information
Cyprus	To be updated in Final NECP	To be updated in Final NECP
Czechia	To be updated in Final NECP	To be updated in Final NECP
Denmark	No information	Yes
Estonia	To be updated in Final NECP	To be updated in Final NECP
Finland	No information	Yes
France	Yes	Yes
Germany	No information	No information
Greece	No information	Yes
Hungary	No information	Yes
Ireland	No information	Yes
Italy	No information	Yes
Latvia	To be updated in Final NECP	To be updated in Final NECP
Lithuania	To be updated in Final NECP	To be updated in Final NECP
Luxembourg	To be updated in Final NECP	To be updated in Final NECP
Malta	To be updated in Final NECP	To be updated in Final NECP
The Netherlands	No information	No information
Poland	No information	Yes
Portugal	To be updated in Final NECP	To be updated in Final NECP
Romania	No information	Yes
Slovenia	No information	No information
Slovakia	To be updated in Final NECP	To be updated in Final NECP
Spain	No information	No information
Sweden	To be updated in Final NECP	To be updated in Final NECP
United Kingdom	No information	Yes

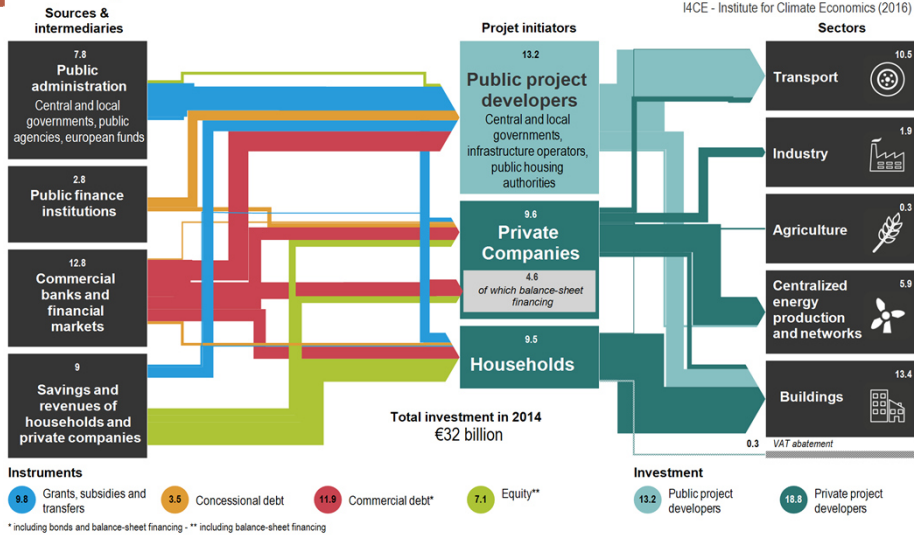
What is climate tracking?

LANDSCAPE OF CLIMATE FINANCE IN 2015/2016

Global climate finance flows along their life cycle in 2015 and 2016. Values are average of two years' data, in USD billions.



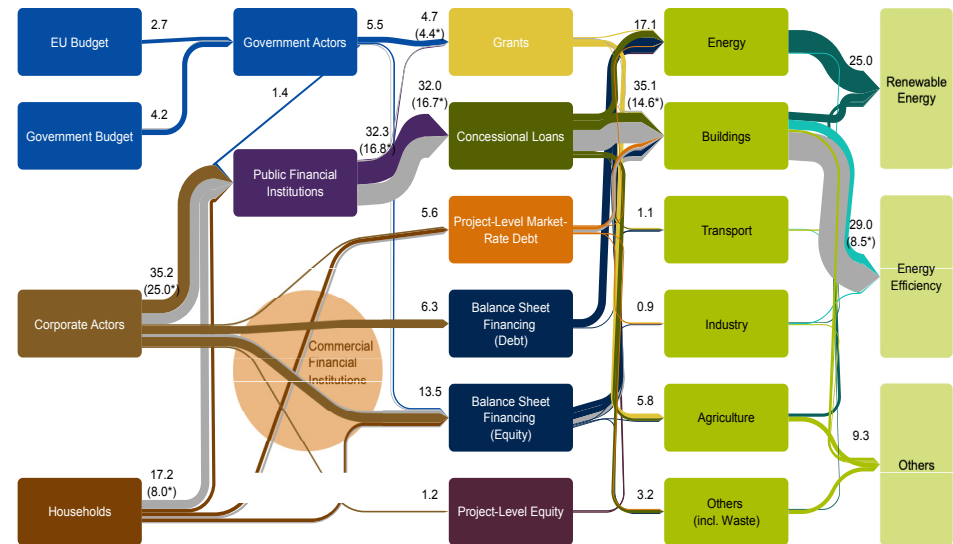
The Landscape of Climate Finance in France in 2014



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 Federal Ministry for the Environment, Nature Conservation and Nuclear Safety

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In billion current euros

IACE - Institute for Climate Economics (2016)



What is climate tracking?

Data intensive

The results do not permit to assess directly

- The impact or effectiveness of policies and actions
- Effectiveness of public spending
- Other public interventions

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Available and forthcoming maps

Existing studies:

2011 – 2017:	Global	CPI
2012:	Germany	CPI
2014:	Indonesia	CPI
2014 – 2017:	France	I4CE
2016:	Belgium	Trinomics
2017:	Côte d’Ivoire	CPI

CIC2030:

2019:	Germany	IKEM
2019:	Czechia	CVUT
2019:	Latvia	RTU

Other ongoing/forthcoming studies:

2019:	Poland	I4CE
...	:	Morocco
...	:	Indonesia
		I4CE
		CPI

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CIC 2030 landscapes

Scope and boundaries

Temporal scope

Sectoral scope

Mitigation/adaptation

Climate specific/related

Tangible/intangible investment

Total/Incremental

CIC2030:

2019:	Germany	IKEM
2019:	Czechia	CVUT
2019:	Latvia	RTU

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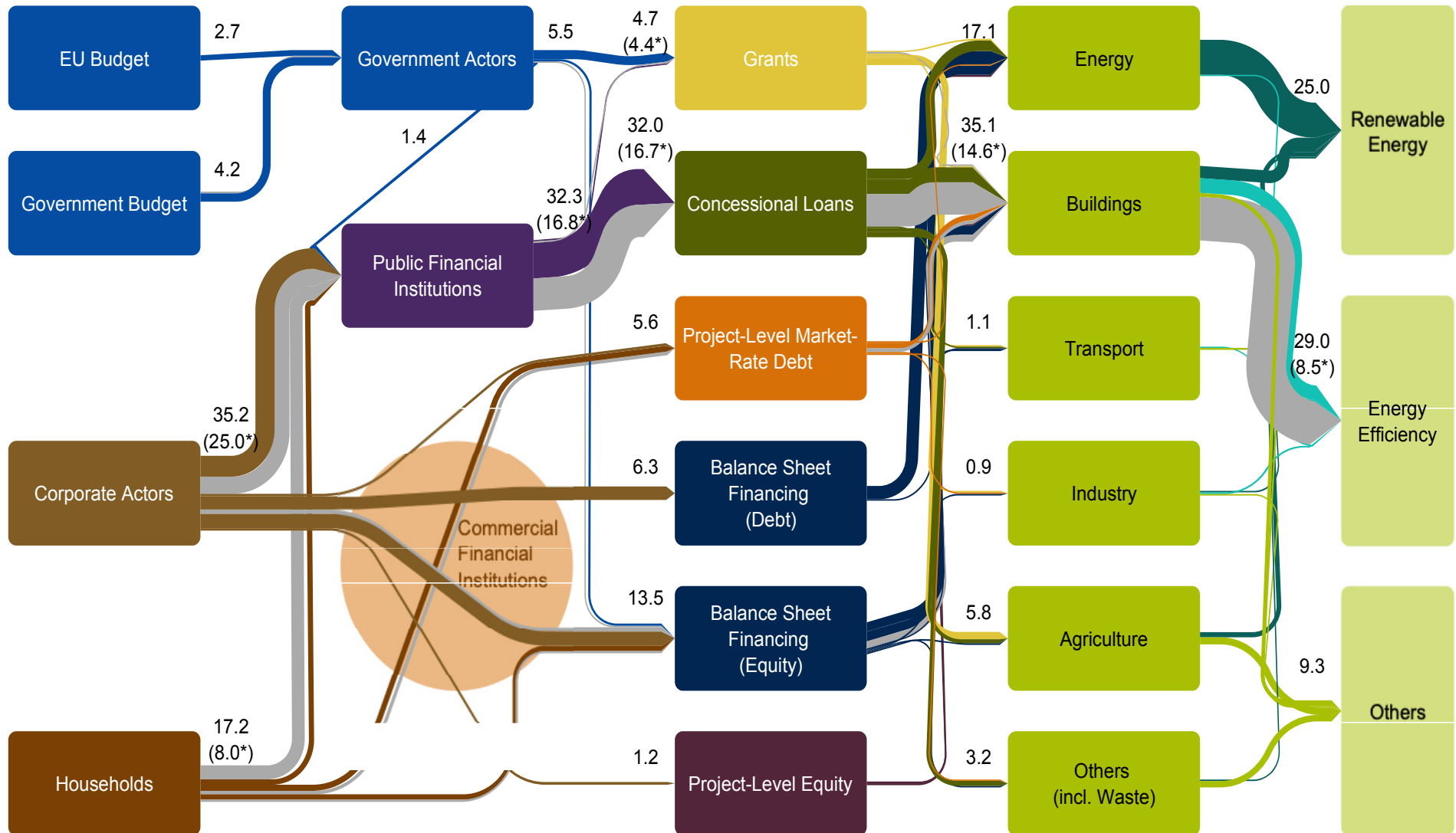


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Climate and Energy Investment Map for Germany (bln EUR)

Year: 2016





Czechia: work in progress

Insufficient public finances

Timing: Coordination with NECPs, input in new instruments

Data: Public/private, grants/loans



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Way forward

Availability of data

- Climate tagging of public finance
- Introducing/streamlining the private sector surveys

Methods

- Additionality of the investment
- Climate specific vs climate related

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Thank you.

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REGULATION (EU) 2018/1999 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 11 December 2018 on the Governance of the Energy Union and Climate Action

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<https://ekonom.feld.cvut.cz/cs/katedra/lide/valenmi7/cic2030/>

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