



INSTITUTE FOR
CLIMATE
ECONOMICS

Une initiative de la Caisse des Dépôts et
de l'Agence Française de Développement

From NDCs to National Climate Investment Plans: domestic investment and climate finance tracking

EU Pavilion

11 November 2016

COP 22



CLIMATE
POLICY
INITIATIVE



GFLAC
Grupo de Financiamiento Climático LAC



OECD



Program

Introduction & Moderator:

- Ian Cochran, *I4CE – Institute for Climate Economics*

Panelists:

- Jane Wilkinson, *Climate Policy Initiative*
- Lauren McNicoll, *OECD Research Collaborative*
- Sandra Guzman, *Grupo de Financiamiento Climático para LAC*
- Marek Soanes, *International Institute for Environment and Development*

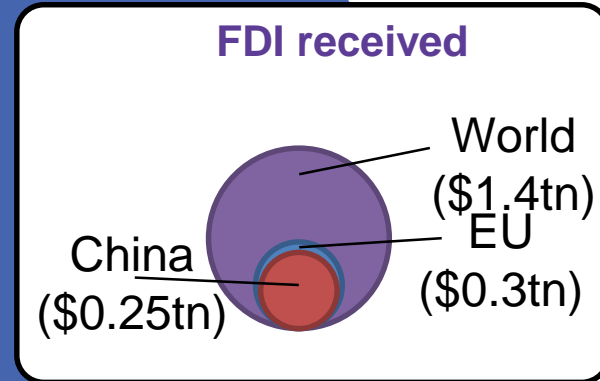
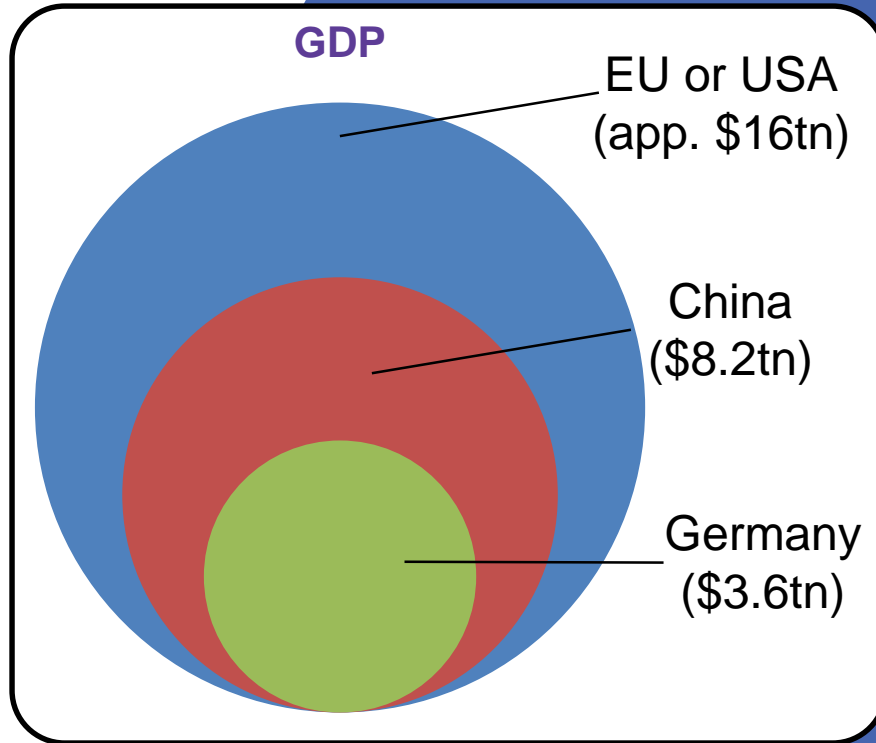
Country Representative:

- Indonesia

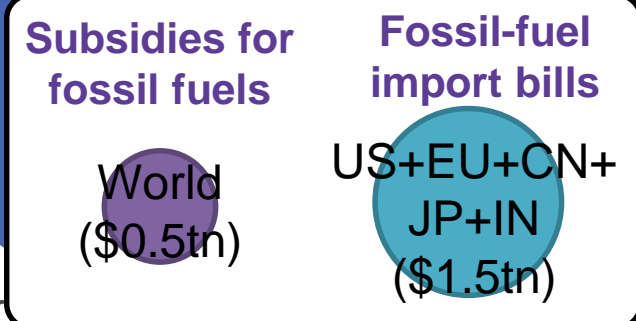
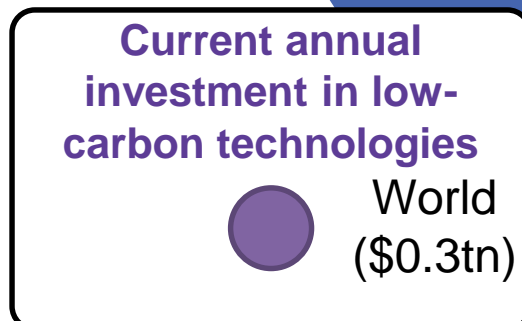
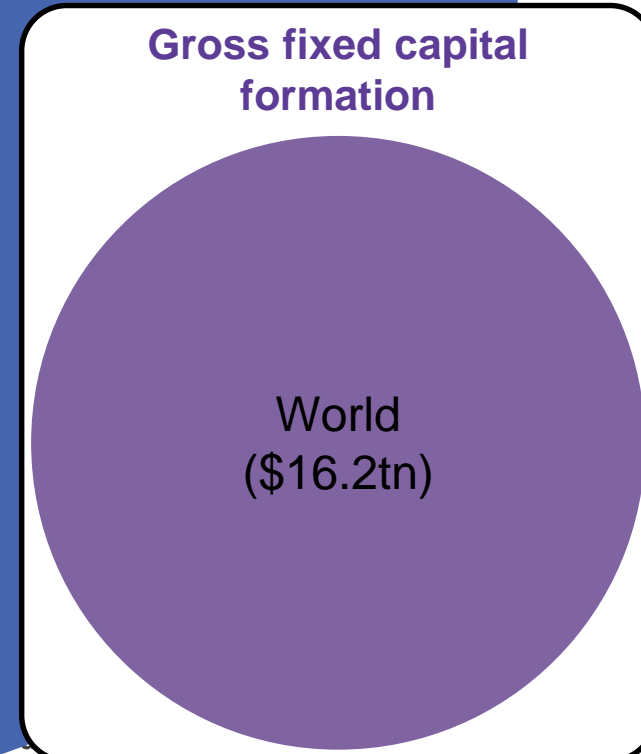
A matter of scale

Sources: IMF, IEA, UNCTAD, BIS

Annual issuance of bonds (\$100tn)



Needs in the 2DS scenario



GLOBAL CLIMATE FINANCE IN 2013/2014

Global climate finance flows along their life cycle in 2013 and 2014, average values in USD billions

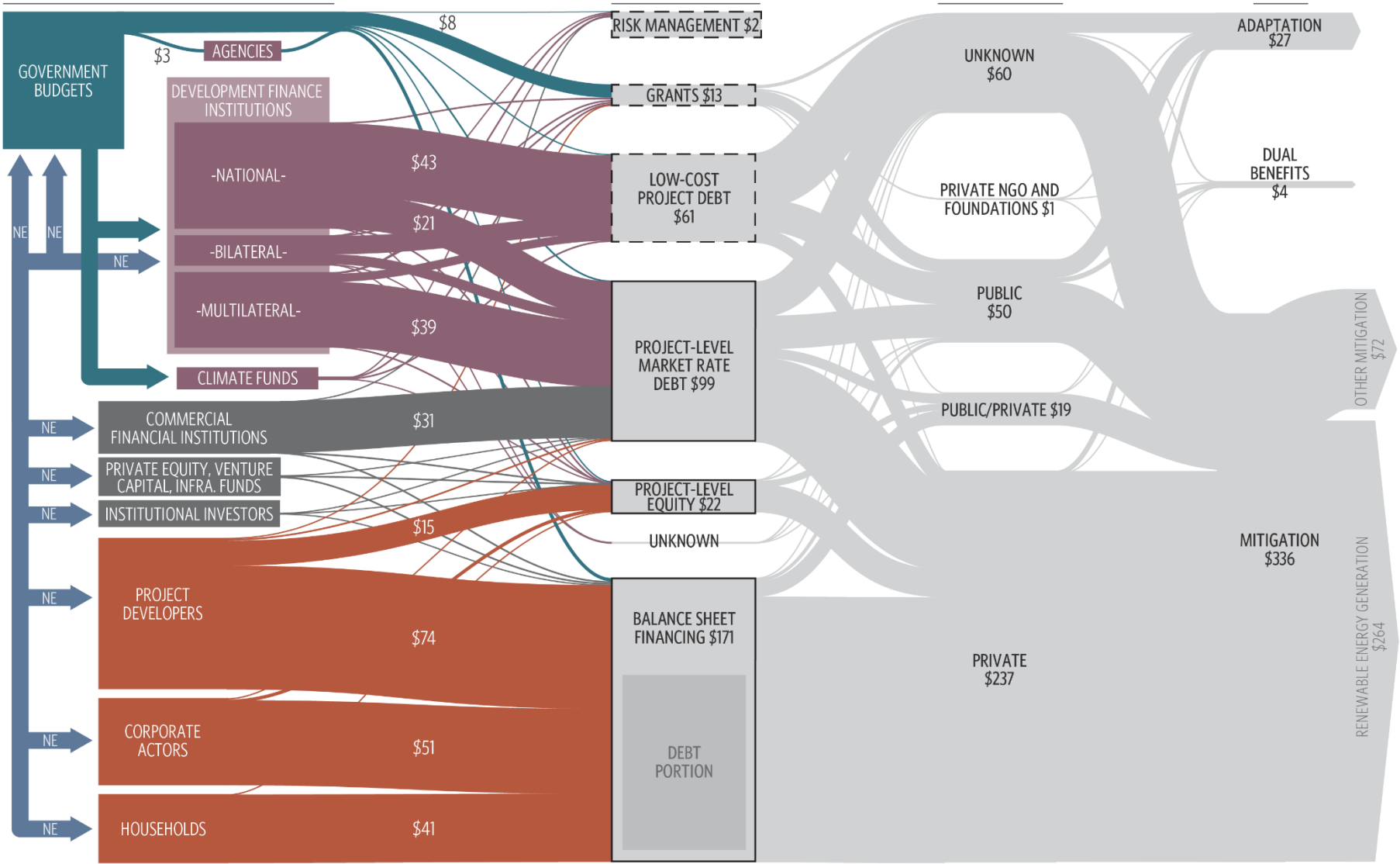
USD 367 BN TOTAL

SOURCES AND INTERMEDIARIES

INSTRUMENTS

RECIPIENTS

USES



KEY

PUBLIC MONEY

PRIVATE MONEY

PUBLIC FINANCIAL INTERMEDIARIES

PRIVATE FINANCIAL INTERMEDIARIES

CAPITAL INVESTMENT

CAPITAL INVESTMENT AND INCREMENTAL COSTS

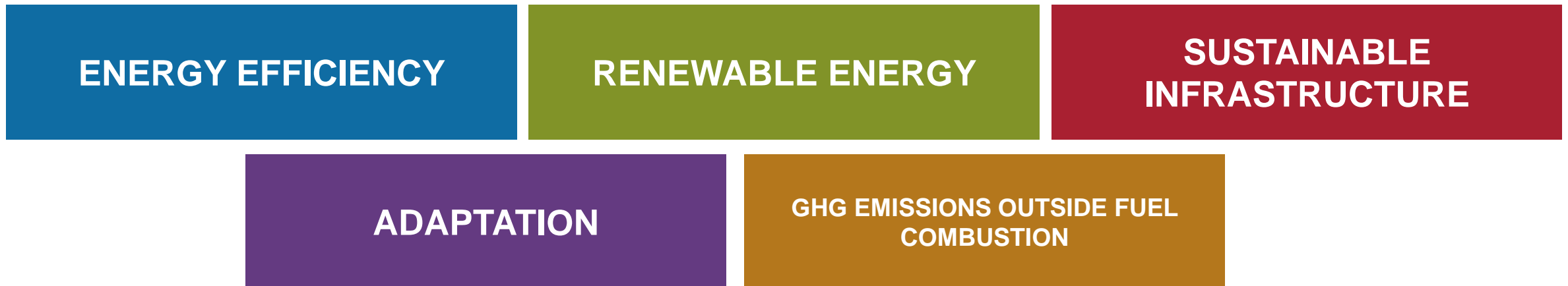
FINANCE FOR INVESTORS & LENDERS

NE: NOT ESTIMATED

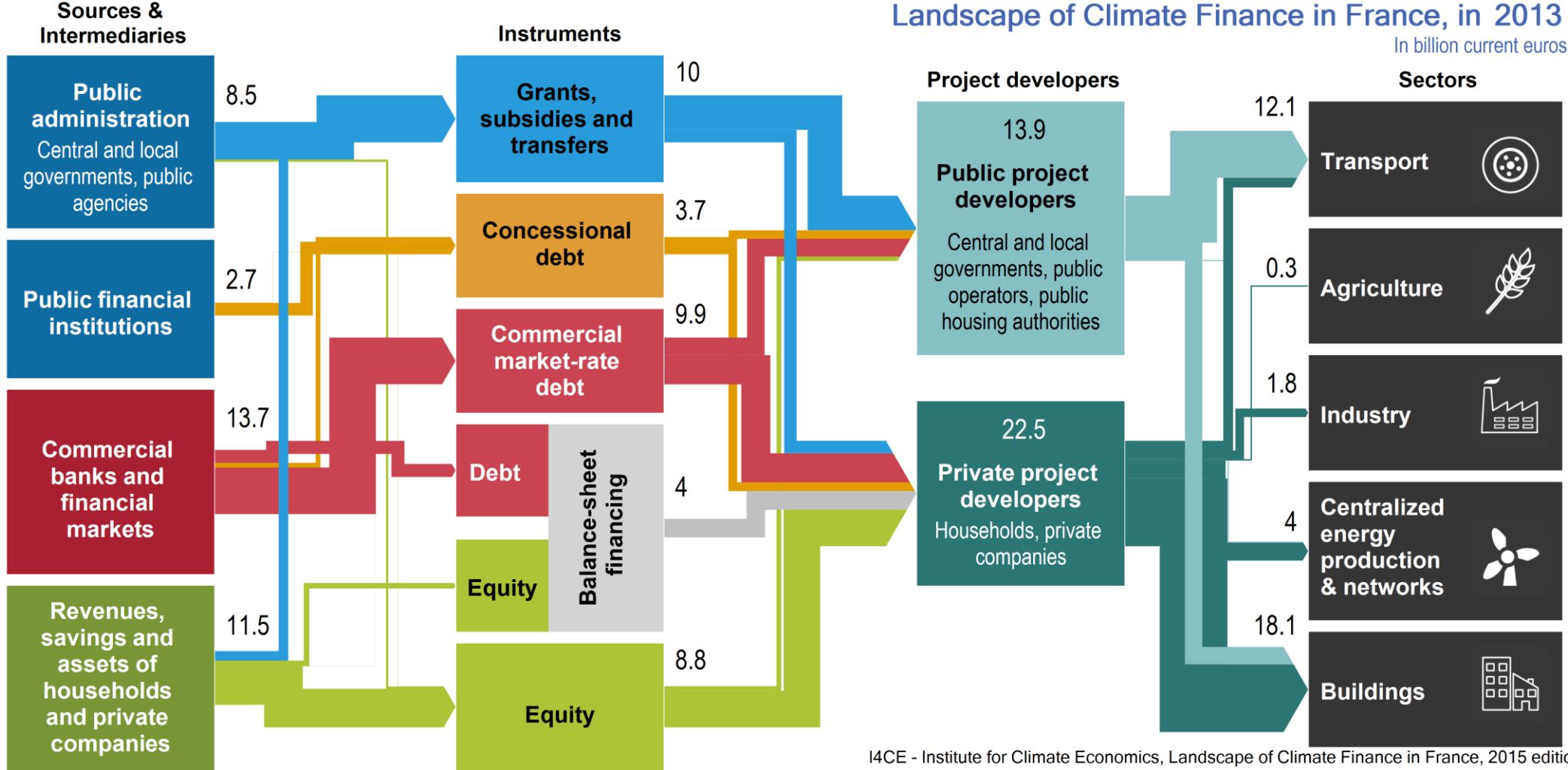
What is Domestic Climate Finance Mapping & Tracking?

Domestic Climate Finance: from a core scope to extensions

- Measuring investment in tangible assets (fixed capital) contributing to the reduction of GHG emissions (mitigation) and resiliency (adaptation)
- A project-oriented approach spanning across domains:

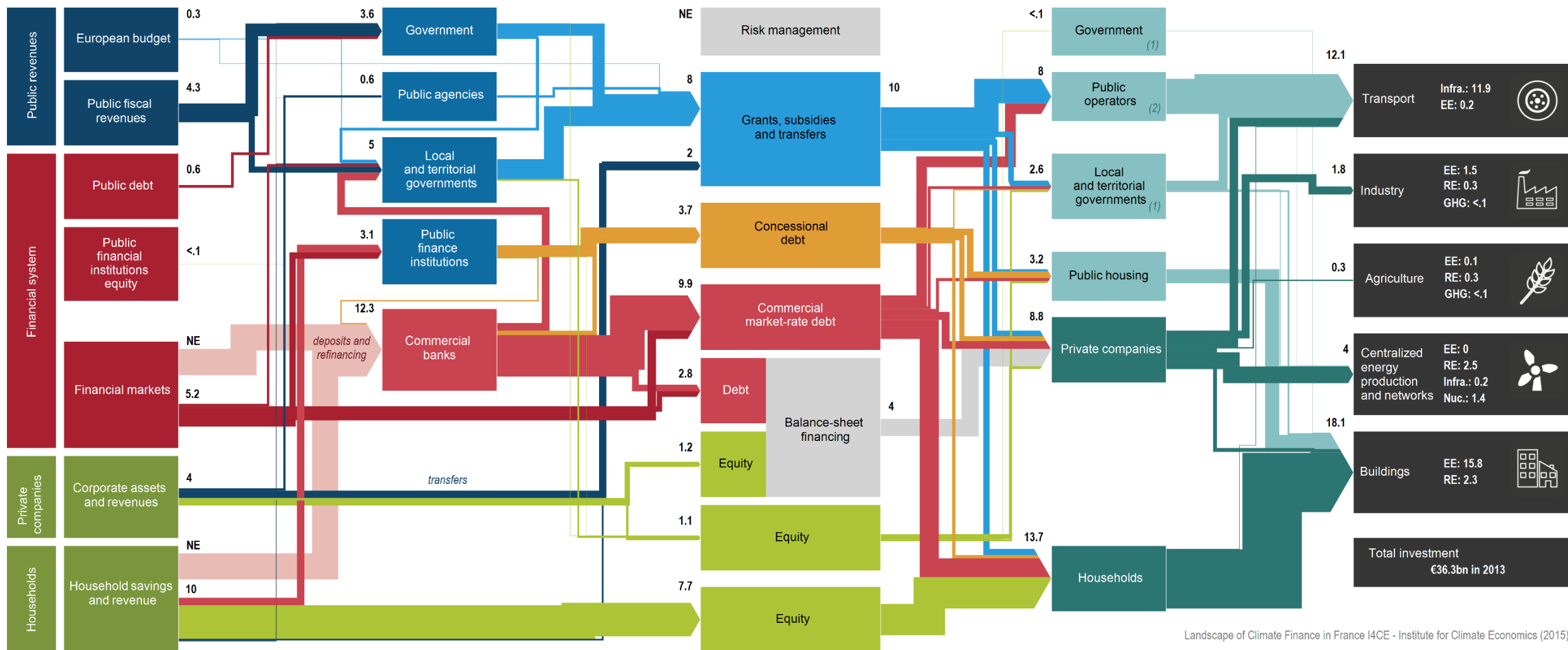


A domestic financial value chain from sources to projects



I4CE - Institute for Climate Economics, Landscapes of Climate Finance in France, 2015 edition

A detailed financial value chain from sources to projects



Landscape of Climate Finance in France I4CE - Institute for Climate Economics (2015)

Providing key information to shape NDC implementation

- Taking stock:
 - **How much** are **current investments** in projects that qualify as climate performant given the national transition priorities?
 - Who are the **project initiators** and what is their **economic rational**?
 - **How do they finance** their investments with both domestic and international sources?
- Putting into context:
 - What **public policies** support the **viability of project economics**?
 - **Current gaps** compared National Low-Carbon Resilient Development Strategies?
 - **Projected investment needs** in the short and medium term to be in line with energy transition objectives National Determined Contributions (NDCs)

Supporting NDC Deployment & Investment

- **Track & Report** – internally (gvt, parliament, general public) or externally
- **Diagnose** – effectiveness (resiliency, GHG), economic efficiency (leverage, money), gaps (vs. estimates)
- **Compare** – between countries, regions, sectors, etc.
- **Recommend** - propose how to close financing gaps
- **Coordinate & Plan** – basis for strategies for financing investment, connect capital and pipeline of projects
- **Prospective Modelling** – represent financial channels and their impact the economy

Today's Discussion & Panel

Panelists:

- **Jane Wilkinson**, *Climate Policy Initiative*
- **Lauren McNicoll**, *OECD Research Collaborative*
- **Sandra Guzman**, *Grupo de Financiamiento Climático para LAC*
- **Marek Soanes**, *International Institute for Environment and Development*

Country Representative:

- Indonesia

Key question: ***how has and can this information help move from commitments to investments?***

Thank you!

For more information contact:

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or go to

www.I4CE.org

Upcoming I4CE Side Events

Industry, Energy and Climate

- **Internal carbon pricing: a voluntary and innovative strategy adopted by businesses** on November 12 from 3pm to 3.45pm, organized by I4CE, EPE
- **Economy and climate** on November 12 from 2pm to 4pm – Green zone - on the Office Chérifien des Phosphates stand, organized by OCP
- **Quantifying the sectoral and national impacts of the INDCs and the role of carbon price policies** on November 14 from 5pm to 7pm in Blue Zone – Francophone Pavilion organized by I4CE, Enerdata, AFD
- **Carbon Pricing** on November 15 from 3pm to 4.30 pm in the Blue zone – French Pavilion, organized by DGEC
- **How to align EU policy with the goals of the Paris Agreement** on November 17 from 4.30pm to 6pm in the Blue zone – EU Pavilion, organized by I4CE, IETA, Enerdata
- **State and trends of carbon pricing** on November 17 from 10.30am to 12pm in the Blue zone – EU Pavilion, organized by I4CE, Ecofys, World Bank

Finance, Investment and Climate

- **Financial Instruments to promote public-private investment in low-carbon, climate- resilient development** on November 15 from 11am to 12.30pm in the Green Zone - Draa room organized by I4CE
- **African savings for a low-carbon development** on November 16 from 10.30am to 12.00am in the Blue zone – Moroccan Pavilion, organized by CDG
- **Synergizing international climate finance, market mechanisms and philanthropy** on November 18 from 1.15pm to 2.45pm in the Blue zone - Observer room 6 UNFCCC, organized by Perspectives

Territories and Climate

- **Solutions for financing the adaptation of African agriculture** on November 11 from 2.30pm to 4pm in the Green zone – AAA Pavilion, organized by Crédit Agricole du Maroc
- **Climate finance and sustainable mobility** on November 12 from 7pm to 8.30pm in the Green Zone - Room Sebou, organized by I4CE, SNCF, Ipemed, ONCF, UITP
- **Session 3 of City Climate Finance Training, side event of the Climate summit for local and regional leaders** on November 14 from 2pm to 5pm in Palmeraie Conference Center, organized by I4CE, FMDV, Climate-KIC and GIZ
- **What options to facilitate the transition towards an agricultural sector generating less emissions and better adapted to climate change** on November 17 from 5pm to 6.30pm in the Blue zone – room Ziz, organized by I4CE, Crédit Agricole du Maroc