

# workshop

Friday 9 December 2016 (14:00 - 17:30)

*Hôtel de Pomereu (Salle Verneuil)  
67, rue de Lille - 75007 Paris*

Pierre Ducret  
Caisse des Dépôts special advisor for climate change  
Chair I4CE

Organised by GROUPE



# A diplomatic success – A new context



# A revolutionary tryptic



## An international agreement in a multilateral framework

- A long-term Agreement
- A COP Decision, immediately applicable



## National policies

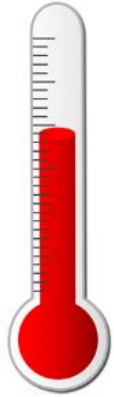
- *Nationally Determined Contributions (NDCs)*



## An « Action Agenda »

- Local governments
- Corporates
- NGOs
- etc.

# Aligning climate, development and finance



1. **Limit** global warming well below **2°C** while aiming at bringing it to 1.5° with an aim to **reach** global peaking of GHG emissions as soon as possible” and **zero-net emissions** by the second half of this century.



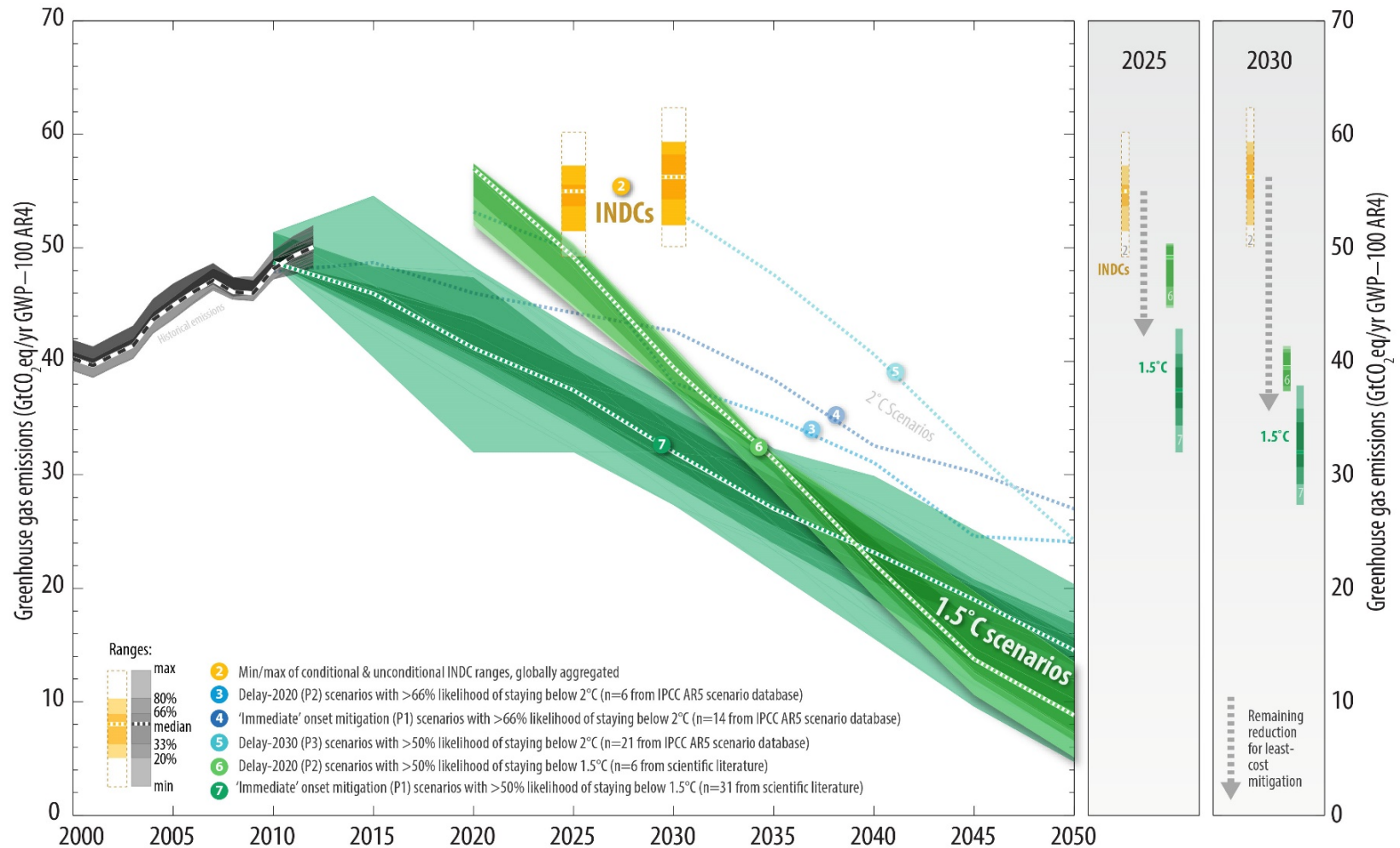
2. **Increasing** the ability to adapt to the adverse impacts of climate change by **promoting** resilience and low-carbon development, in a manner that does not threaten **food production**;



3. **Making** financial flows **“consistent”** with low-carbon climate-resilient development.

+2°C?

# Towards a 'zero net emissions' world

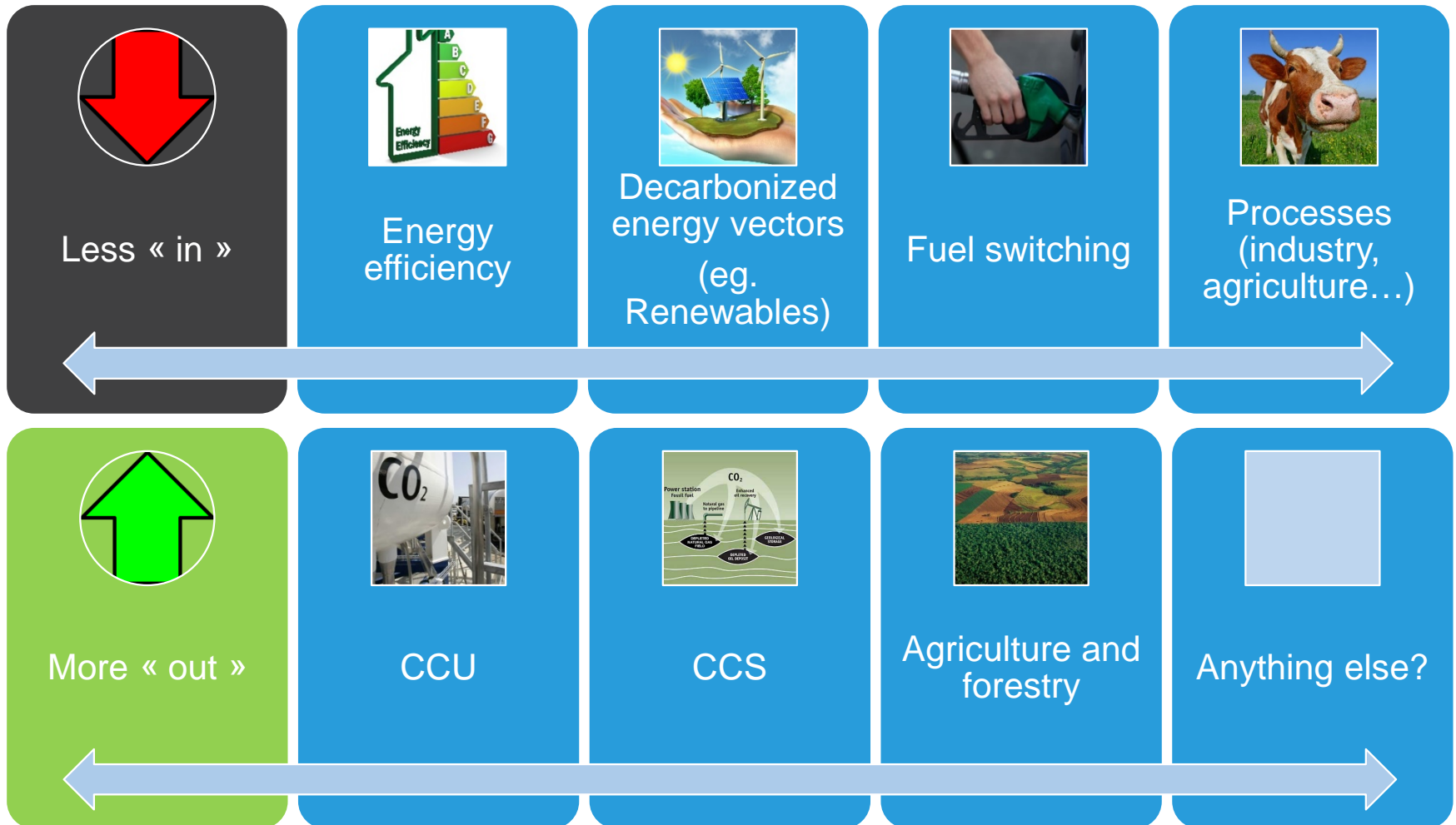


Source: UNFCCC, 2015



+2°C?

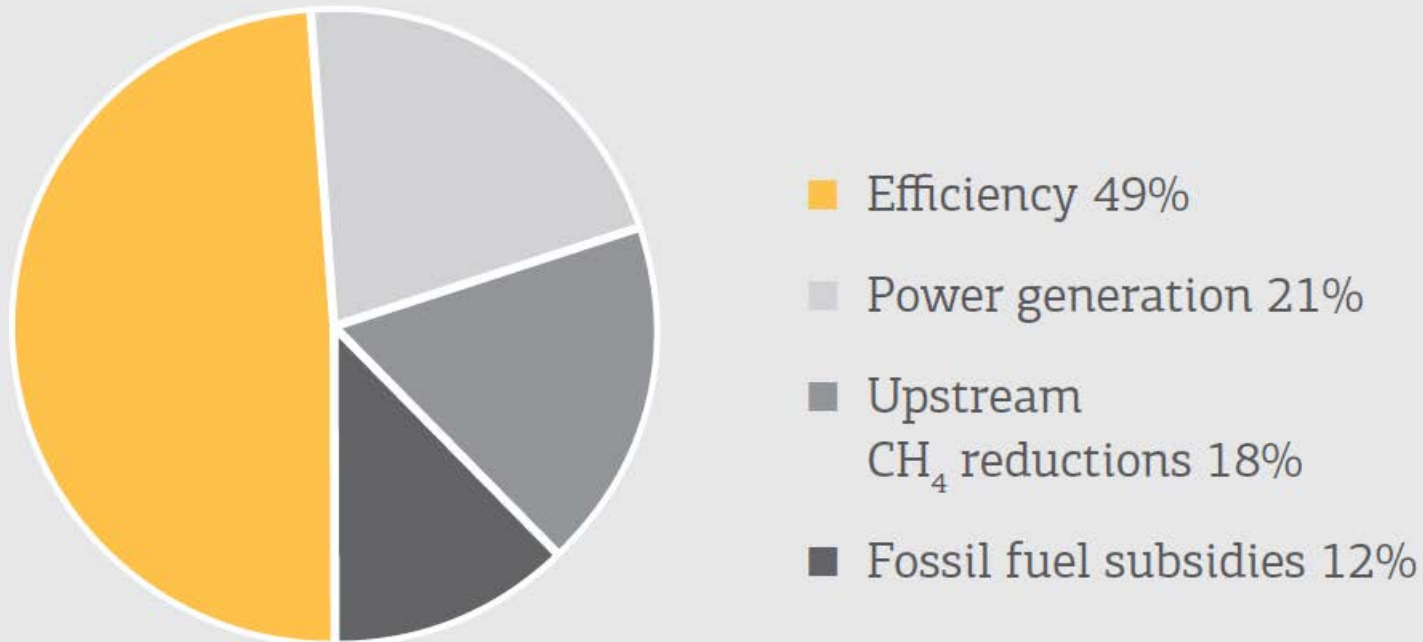
# How to reach 'zero net emissions' ?



# Early actions in energy

Figure 3

GDP-neutral set of pre-2020 actions

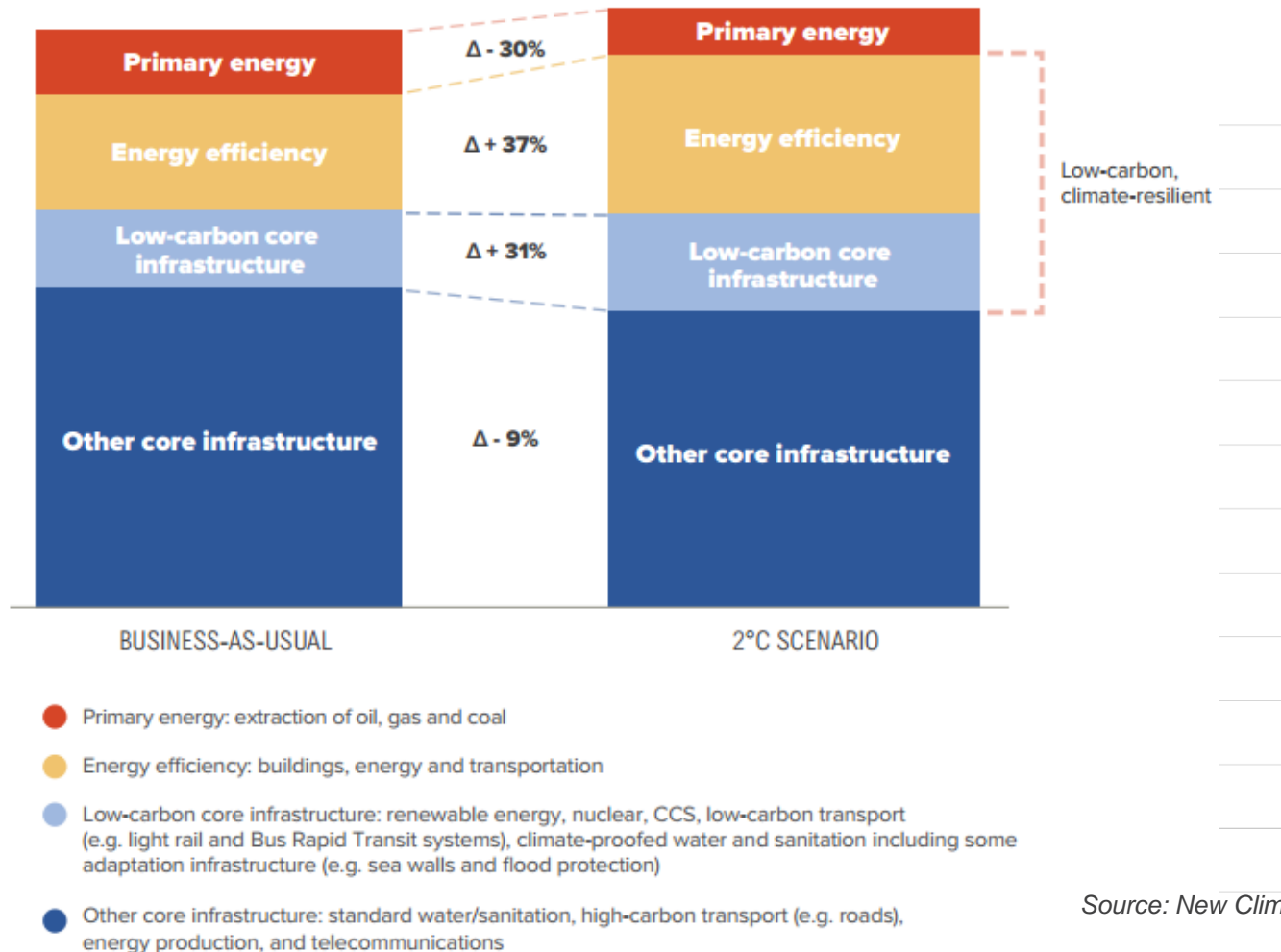


Source: *World Energy Outlook Special Report: Redrawing the Energy-Climate Map, 2013.*

## ALIGNING FINANCIAL FLOWS

# REDIRECTING 5,000 G\$ per year of public & private investment

Change in infrastructure spending required for a 2°C scenario  
(percentage change in expenditure over 2015-2030 compared to Business-as-usual)



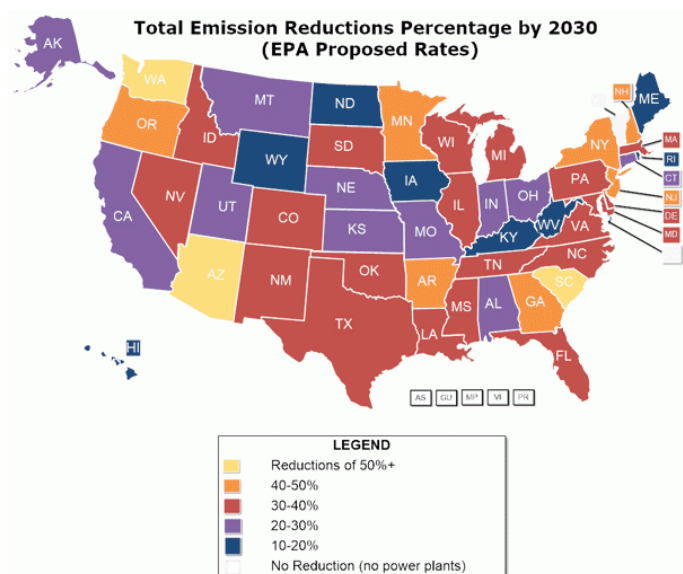


WHAT CAN FINANCE DO ?

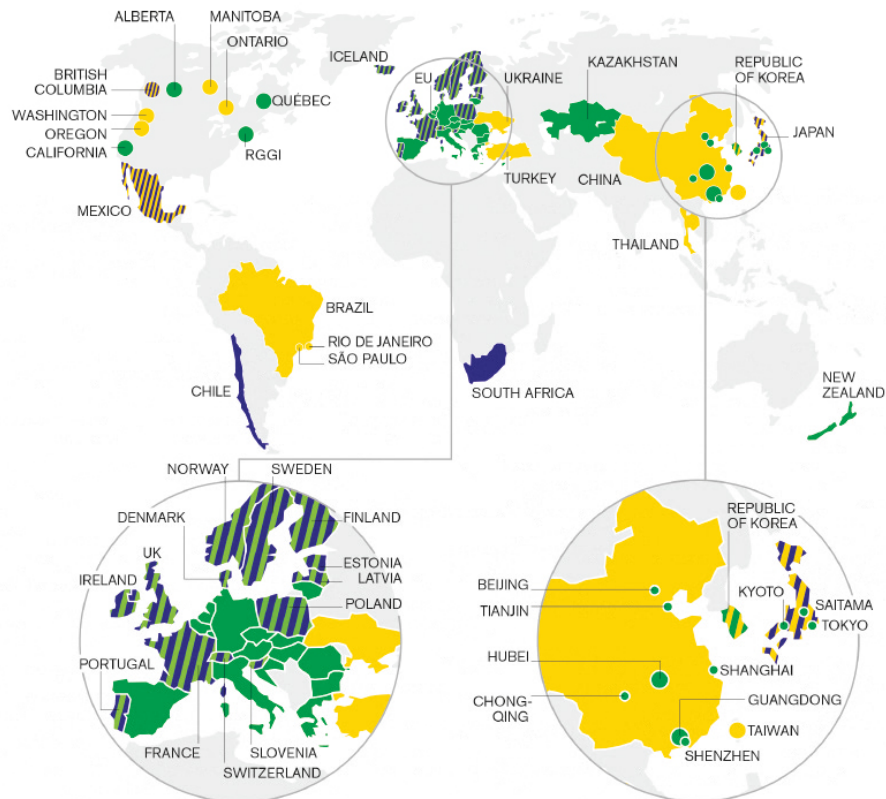
# Opportunities, and three risks: climate impact, transition, litigation



# Demand-side policies / initiatives



Source: National Conference of State Legislatures, 2014



**CARBON PRICING  
LEADERSHIP COALITION**

Source: World Bank, 2016

# Supply-side policies / initiatives



**Inquiry:** Design of a Sustainable Financial System



## Take away messages

- The bulk of the financing flows towards « zero net » will be domestic and private
- The shift is driven by risks-opportunities
- The process will combine public policies and private action
- Public financial institutions have a major accelerating role and their leadership is recognized



# Thank you for your attention

## Pierre Ducret

- Caisse des Dépôts' Group special advisor on climate change
- Chair I4CE

with



# I4CE – Institute for Climate Economics

3 research areas addressing the issues faced by actors involved in the energy and climate transition



## **INDUSTRY, ENERGY AND CLIMATE**

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Understanding policies  
for the low-carbon transition  
in the industry  
and energy sectors.



## **TERRITORIES AND CLIMATE**

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Identifying and analyzing  
courses of action in the fight  
against climate change in the  
agriculture and forestry sectors  
as well as urban areas.



## **FINANCE, INVESTMENT AND CLIMATE**

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Analyzing the mainstreaming  
of climate change into  
financial decision-making  
by public and private entities.