

# Public Budget Allocation for Climate Change Mitigation

## CCAP MAIN-LAC Dialogue

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*Dialogue. Insight. Solutions.*

# PUBLIC FUNDING OF CLIMATE SOLUTIONS

## Public Funding

- Can enhance competitiveness of climate finance proposals
- Can foster conditions for private investment in climate solutions

## Direct

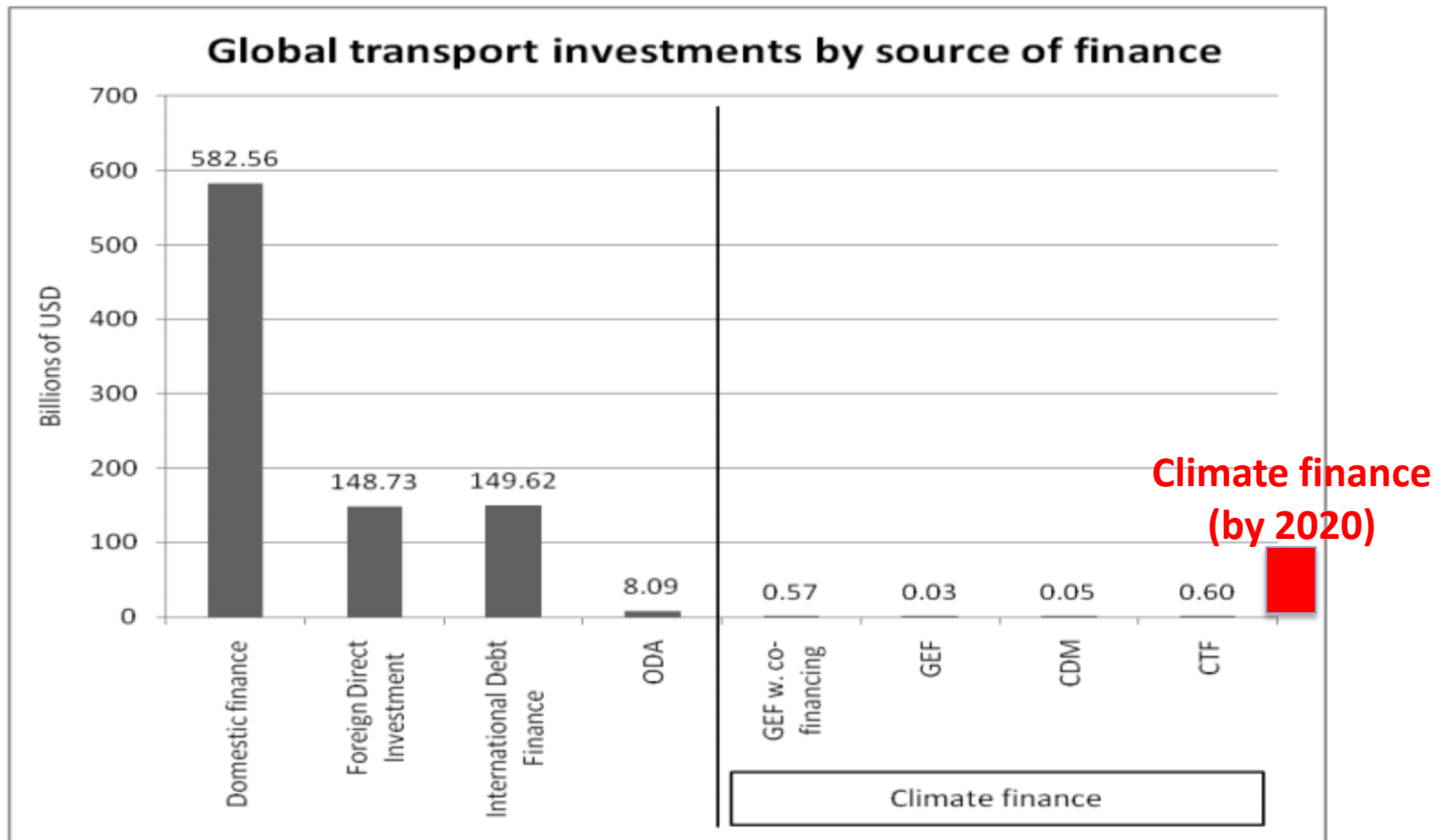
- Investment in low-carbon, resilient solutions: public transport, EE, RE...
- Incentives for climate solutions: subsidies, tax credits technical assistance

## Indirect

- Re-orient and leverage **infrastructure** investments toward low-carbon, resilient solutions
  - Critical Infrastructure: Transportation, Energy, Water, Telecom
  - Buildings: Schools, hospitals, government

# MILLIONS, BILLIONS, TRILLIONS

Global infrastructure spending: \$5 trillion per year. \$9T by 2025 (PwC)



# ASK THE CLIMATE QUESTION!





## ***Ask the Climate Question***

How will key *policies* and infrastructure *investments* affect GHGs and Climate Resilience?

↓ GHGs ☺ or ↑ GHGs ☹ ?  
↑ Resilience ☺ or ↑ Vulnerability ☹ ?

- Can lead to common-sense solutions, new policies, incentives
- Planning ahead saves money and increases economic returns

# FOLLOW THE MONEY: ADAPTATION, MITIGATION AND INFRASTRUCTURE

		<b>3x3 Green Resilience Matrix</b> Identifying Climate Adaptation + Mitigation Synergies <b>WHAT ARE YOUR TOP 3 INVESTMENTS?</b>			Examples
		Adaptation	Mitigation	Infrastructure	  
Ask the 3x3 Climate Question	#1	\$10,000,000 Dune restoration	\$10,000,000 Wind turbines & Photovoltaics	\$2,000,000,000 Roads	
	#2	\$5,000,000 Green Infrastructure	\$5,000,000 Green Buildings	\$1,000,000,000 Water treatment facilities	
	#3	\$1,000,000 Vulnerability Assessment	\$500,000 Education & Outreach	\$500,000,000 Transit system improvements	

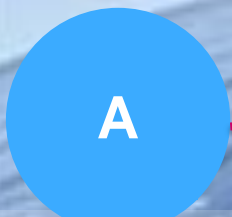
**\$ MILLIONS**

**\$ BILLIONS**



# GREEN RESILIENCE

## Transit Oriented Development?



Setting new building codes?



Energy & Water efficiency included?



Green Infrastructure?



### Advancing Adaptation – Mitigation Synergies:

#### Climate Adaptation

- Investing in natural and built infrastructure
- Change in land use, relocation
- Residential programs promoting adaptation
- Emergency & business continuity planning
- Health programs

- Green Infrastructure
- Power System Resilience
- Protect Sustainable Transportation
- Water & Energy Conservation
- Building Weatherization

#### Greenhouse Gas Mitigation

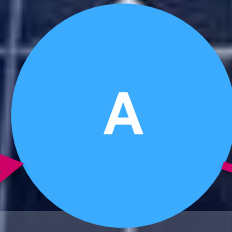
- Energy conservation & efficiency
- Renewable energy
- Sustainable transportation improved fuel efficiency
- Capture and use of land and digester gas
- Carbon sinks



Sustainable Green Building



Sustainable Urban Dvpt



Resilient Grid?



Renewables?



Resilient, sustainable energy

# DISCUSSION QUESTIONS

- Have you increased direct public spending for low-carbon, resilient solutions?
  - Did you need to make a strong public and political case?
- Have you Asked the Climate Question of infrastructure investments?
- Where do you see promising opportunities?