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# CATALYZING SUSTAINABLE FINANCE

## THE ADB-SERD INNOVATIVE FINANCE HUB

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**Direct Losses in SE Asia from natural hazard caused disasters**

**More than 133 billion 1988 - 2017**

**More vulnerable than most of the world. If no action taken for CC may lose up to**

**11% of GDP by 2100**

**Fastest worldwide emitter of GHG emissions between 1990-2010**

**Nearly 5% p.a.**

**Per capita emissions near world's average. If no actions:**

**GHG Estimated 60% higher in 2050 vs 2010**

**Mean Temperature increase already evident**

**0.14 – 0.20 degrees C per decade since 1960**

### IMPACTS FROM UNMITIGATED CLIMATE CHANGE IN SEA:

River Flooding & Sea Level Rise

Increased Water Stress

Increased cyclones / storms

Reduced Agricultural & Labour Productivity

Reduced Human Health

Collapse of Coastal Ecosystems

**URGENT & RAPID  
GREENING OF  
INFRASTRUCTURE  
NEEDED**

## THE CHALLENGE

### Finance Flows Needed from ALL Sources

	Estimated Current Investment (2015)	Baseline Estimates			Climate-adjusted Estimates		
		Annual Needs	Gap	Gap (% of GDP)	Annual Needs	Gap	Gap (% of GDP)
Total (25)	881	1,211	330	1.7	1,340	459	2.4
Total without PRC (24)	195	457	262	4.3	503	308	5.0
Selected Central Asia Countries (3)	6	11	5	2.3	12	7	3.1
Selected South Asia Countries (8)	134	294	160	4.7	329	195	5.7
Selected Southeast Asia Countries (7)	55	147	92	3.8	157	102	4.1
Selected Pacific Countries (5)	1	2	1	6.2	2	2	6.9
India	118	230	112	4.1	261	144	5.3
Indonesia	23	70	47	4.7	74	51	5.1
PRC	686	753	68	0.5	837	151	1.2

PRC = People's Republic of China.

Numbers in parentheses refer to the number of selected countries.

Note: The gap as a % of GDP is based on the annual average of projected GDP from 2016 to 2020. The 25 DMCs covered here are listed in Annex Table 2.

Source: ADB (2016a); Country sources; Investment and Capital Stock Dataset, 1960–2015, IMF; Private Participation in Infrastructure Database, World Bank; World Bank (2015a and 2015b); World Development Indicators; World Bank; ADB estimates.

**MASSIVE  
Financing Gaps**  
\$ 157 bn vs 102 bn needed  
p.a. in selected SE Asia  
ALONE

**LIMITED PUBLIC FUNDING  
(incl. MDBs)  
Cannot Meet These Needs**  
Over 92% of A-P  
Infrastructure from Public  
Sector at present

**SUBSTANTIAL PRIVATE  
CAPITAL  
Needed to meet the Gap**  
Approx. 60% of total gap

ADB Responding To The Challenge

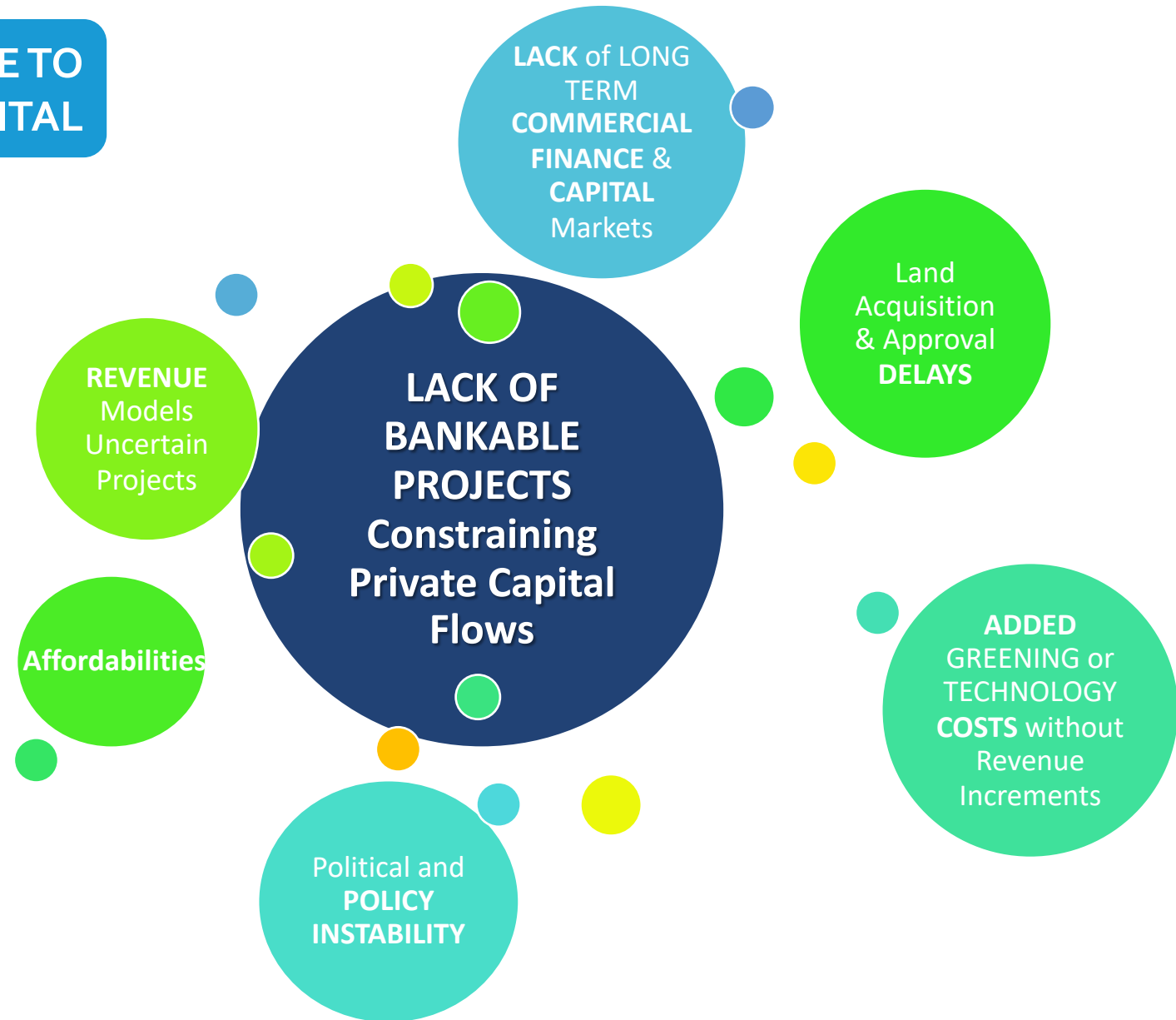




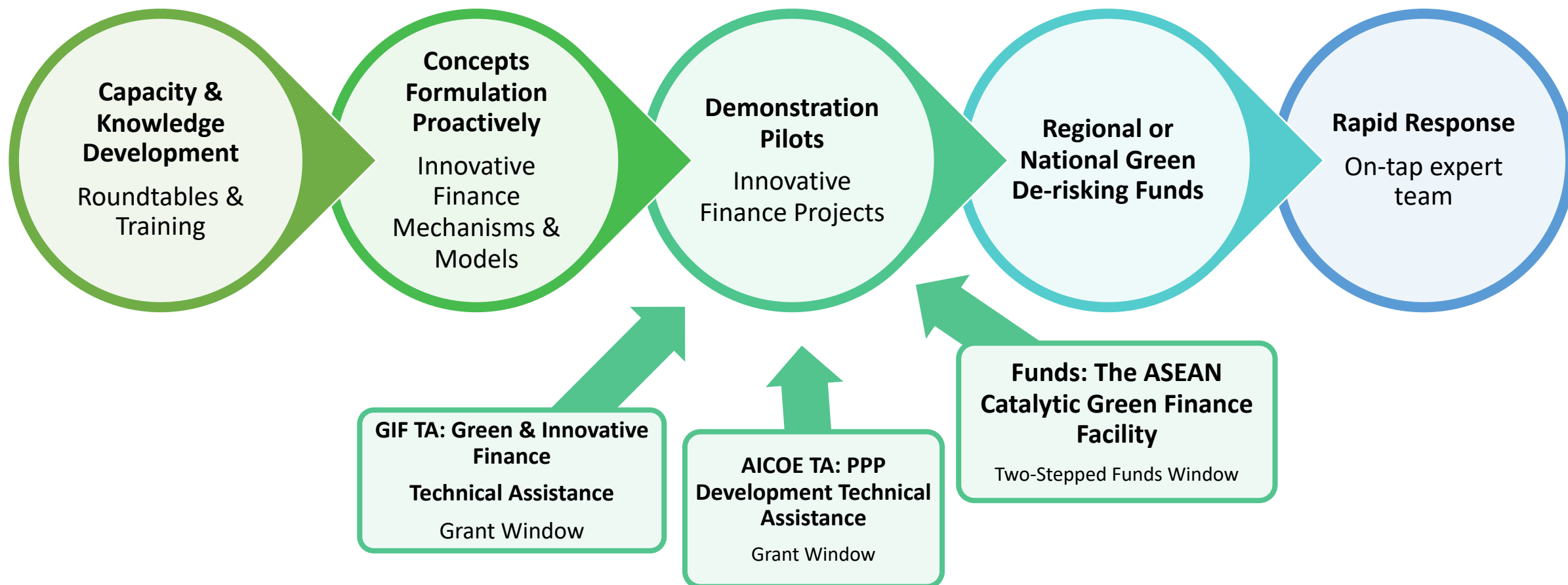
## INNOVATIVE FINANCE HUB

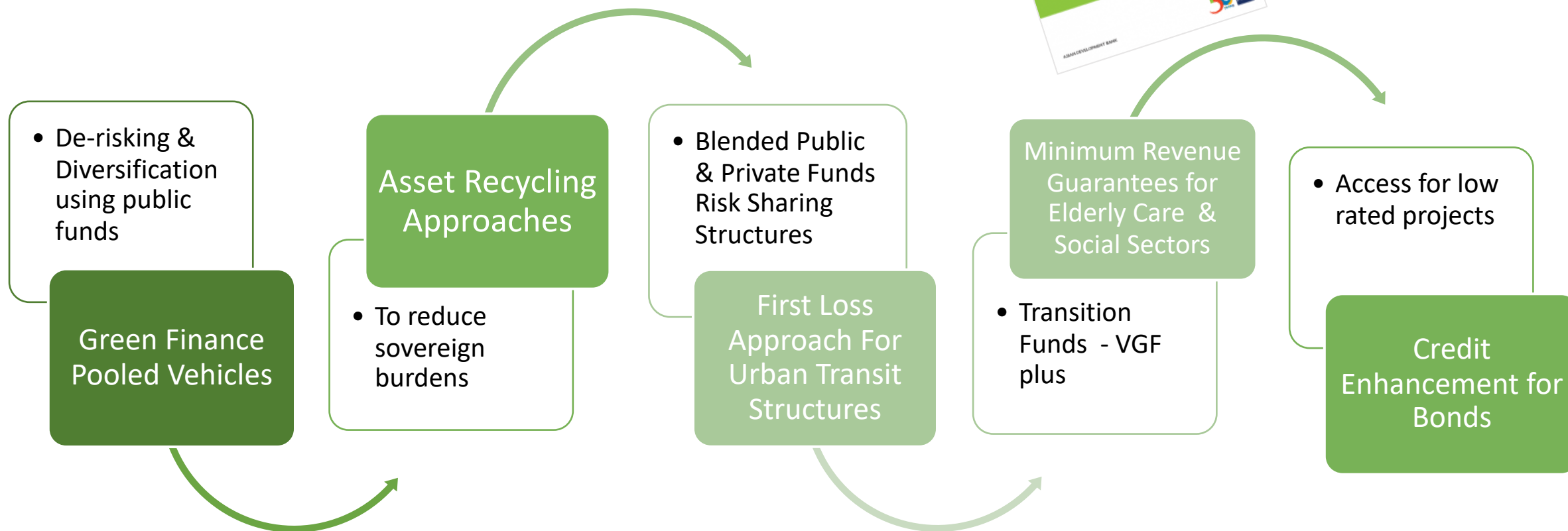
## THE CHALLENGE TO PRIVATE CAPITAL

SE Asia - ambitious **climate stabilization** has substantial **initial costs** but leads to **large co-benefits** and larger benefits from **avoided climate damage**



*Objective: Develop IF Approaches that **can Leverage 1...2...3.....6**  
\$ 1 Public/MDB Funds for \$ 6 Private Capital*







## WORKSHOP STRUCTURE

**Theme 1:  
Green Finance**



**Theme 2:  
Blended  
Finance**



**Theme 3: Blue  
Finance**

OVERVIEW OF  
THEME

PANEL  
DISCUSSION

AUDIENCE  
INTERACTION





## FOR INQUIRIES

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