



Green Climate Fund

Data for investment prioritization

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Session 9: Climate at SDG finance Deep Dive
20th March 2025



01

Set up by the
UNFCCC, and serving
the Paris Agreement



02

Supporting
developing countries
to transition to low-
emission, climate-
resilient societies

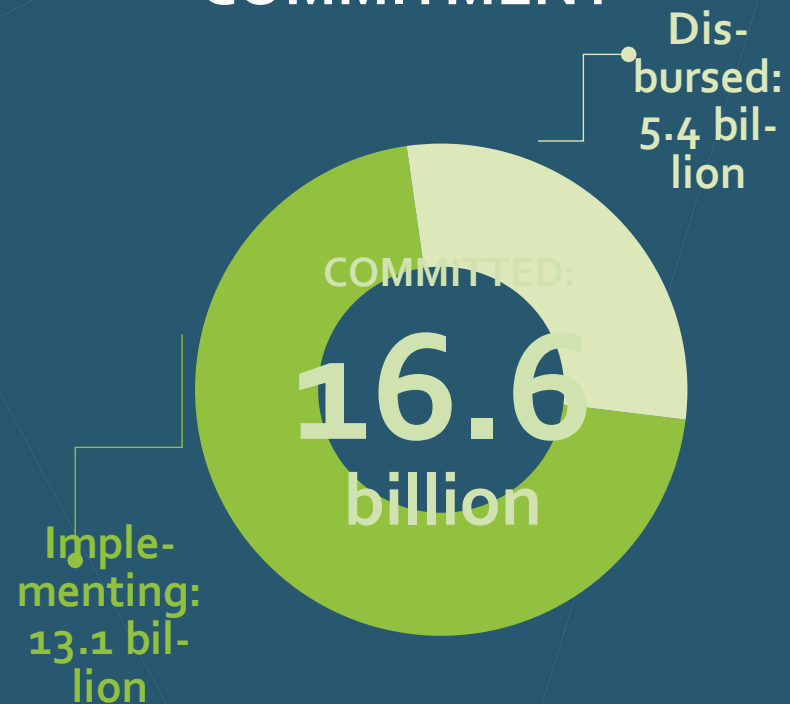


03

Serving as a hub of the
climate finance
landscape

GCF in Figures (USD)

TOTAL GCF PORTFOLIO COMMITMENT



PORTFOLIO VALUE, INCLUDING CO-FINANCING:

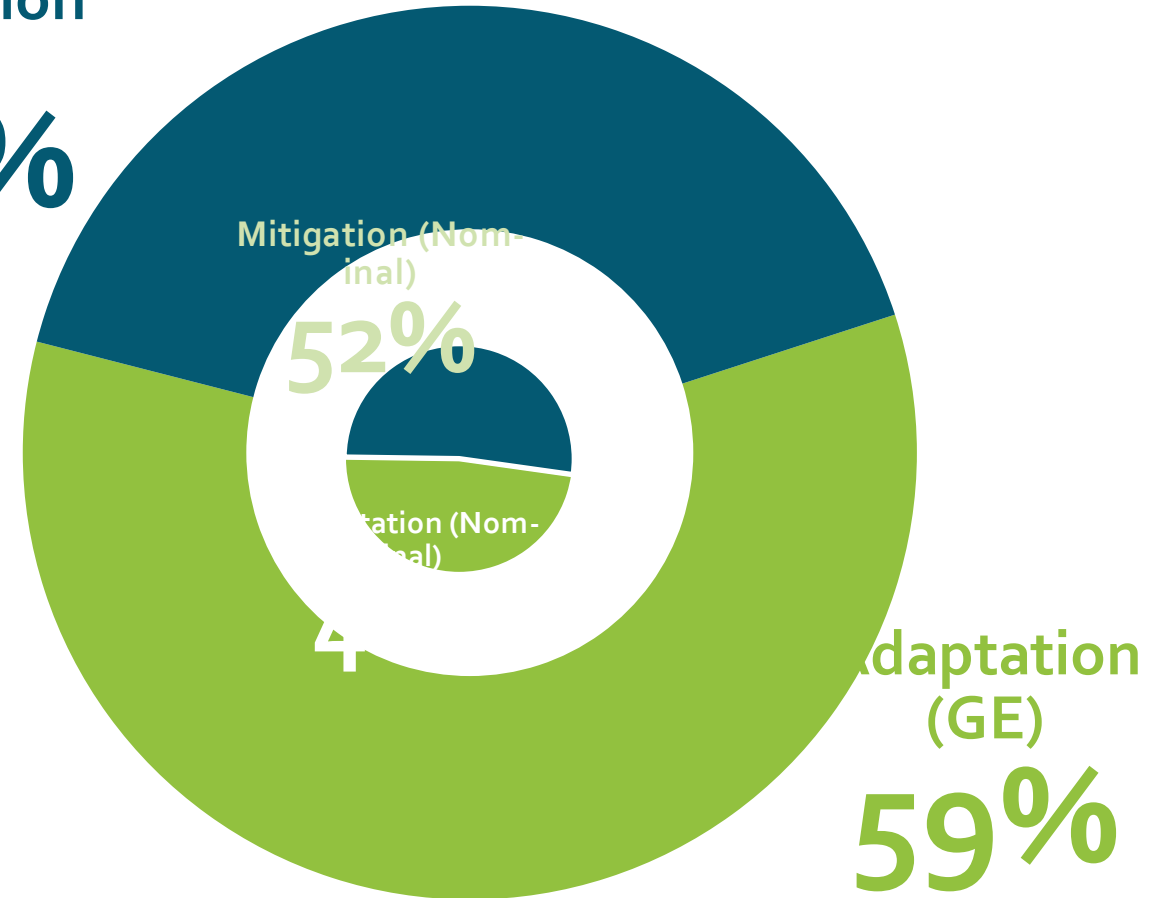
62.7 
billion

Our portfolio in focus

Balancing
adaptation &
mitigation

Mitigation
(GE)

41%



How we drive change

01

Establish enabling
environment for
novel climate
solutions



02

Catalyse
innovation



03

De-risk and
mobilise finance
at-scale

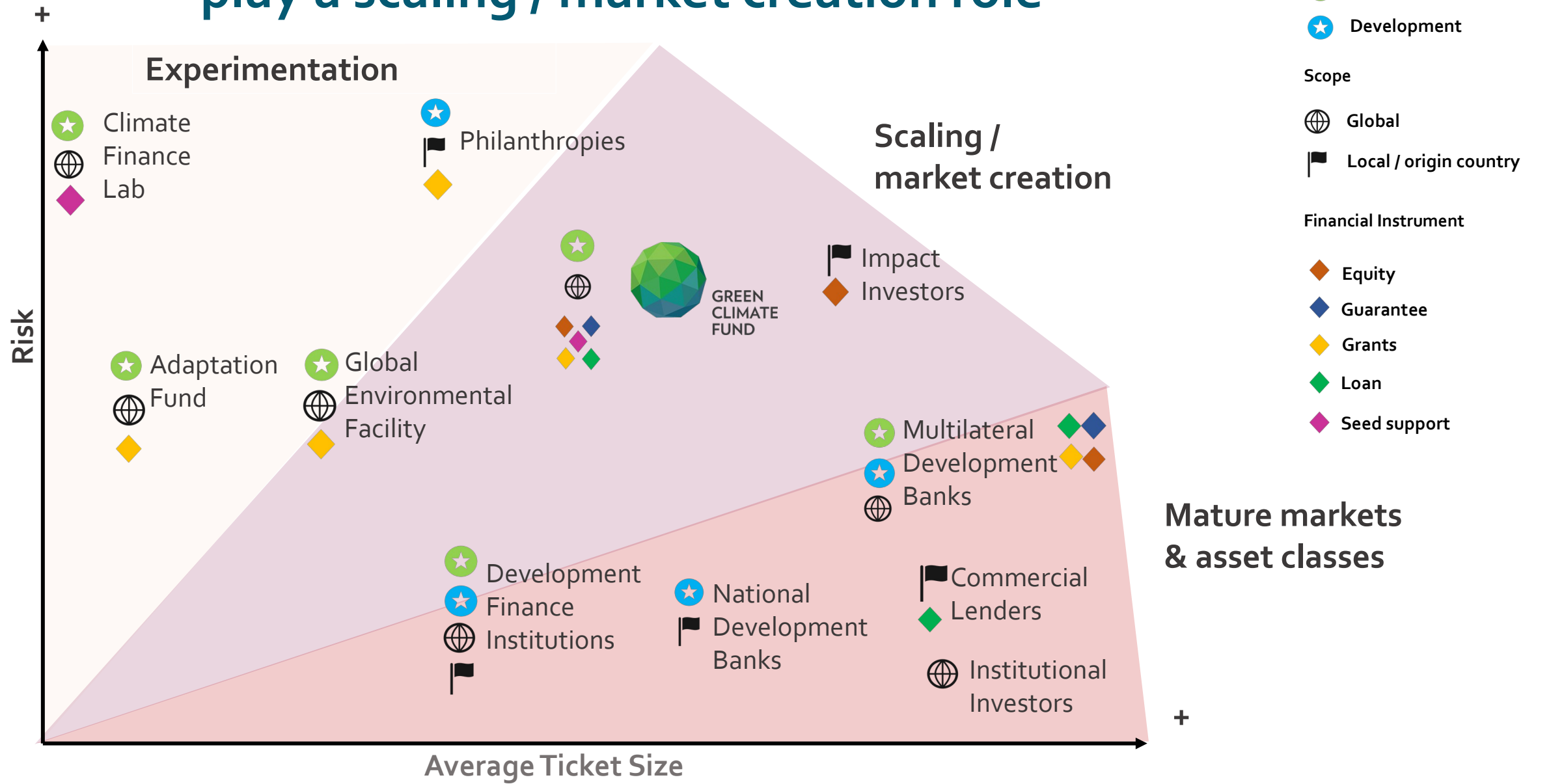


04

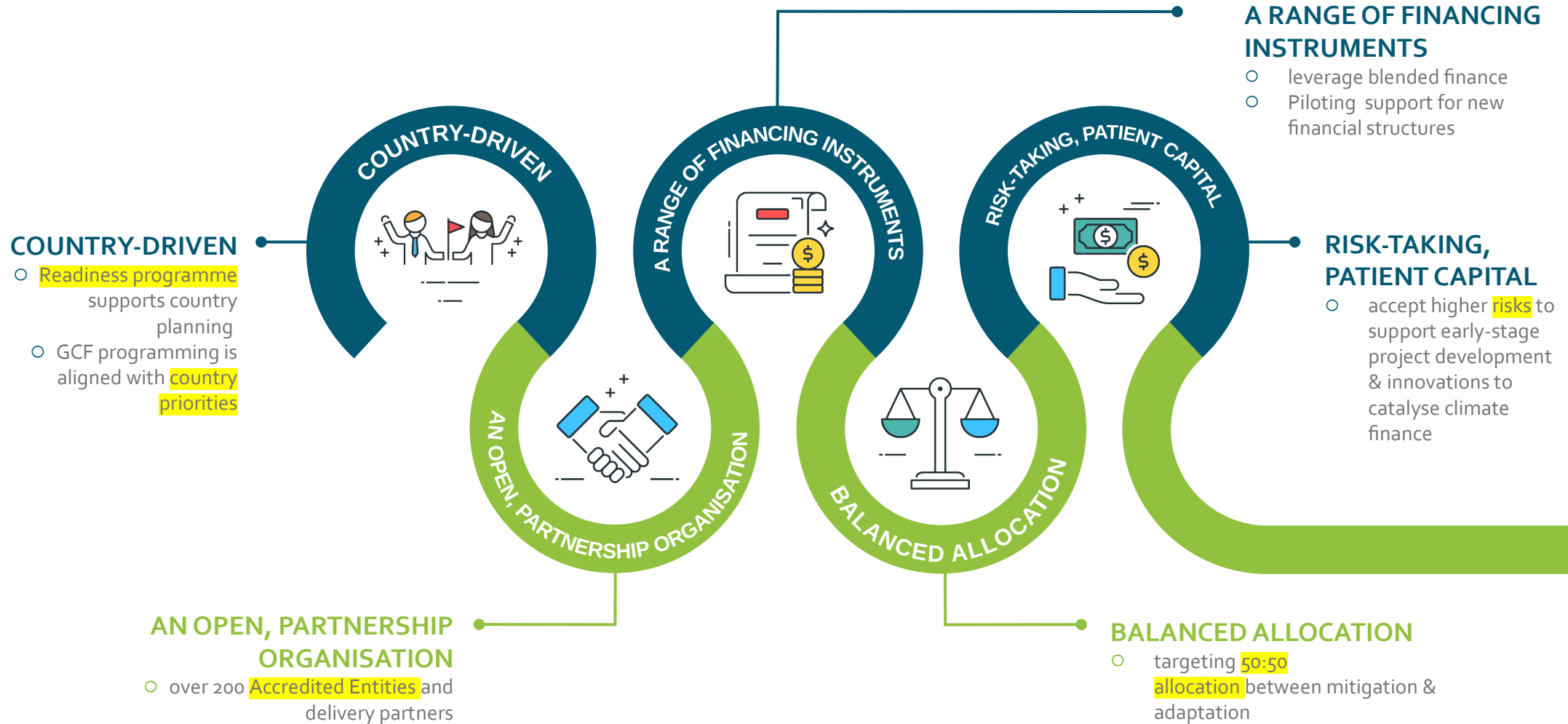
Strengthen
national
financial
institutions to
drive adoption
of novel climate
solutions



GCF's size and risk appetite position it to play a scaling / market creation role



How we work



Result areas

Top level data:
GHG emissions reduced
Land conserved/protected

Reduced Emissions from:



Energy generation
and access



Transport



Buildings, cities,
industries and
appliances



Forests and
land use

Increased Resilience of:



Livelihoods of people
and communities



Health, food and
water security



Infrastructure and
the built environment

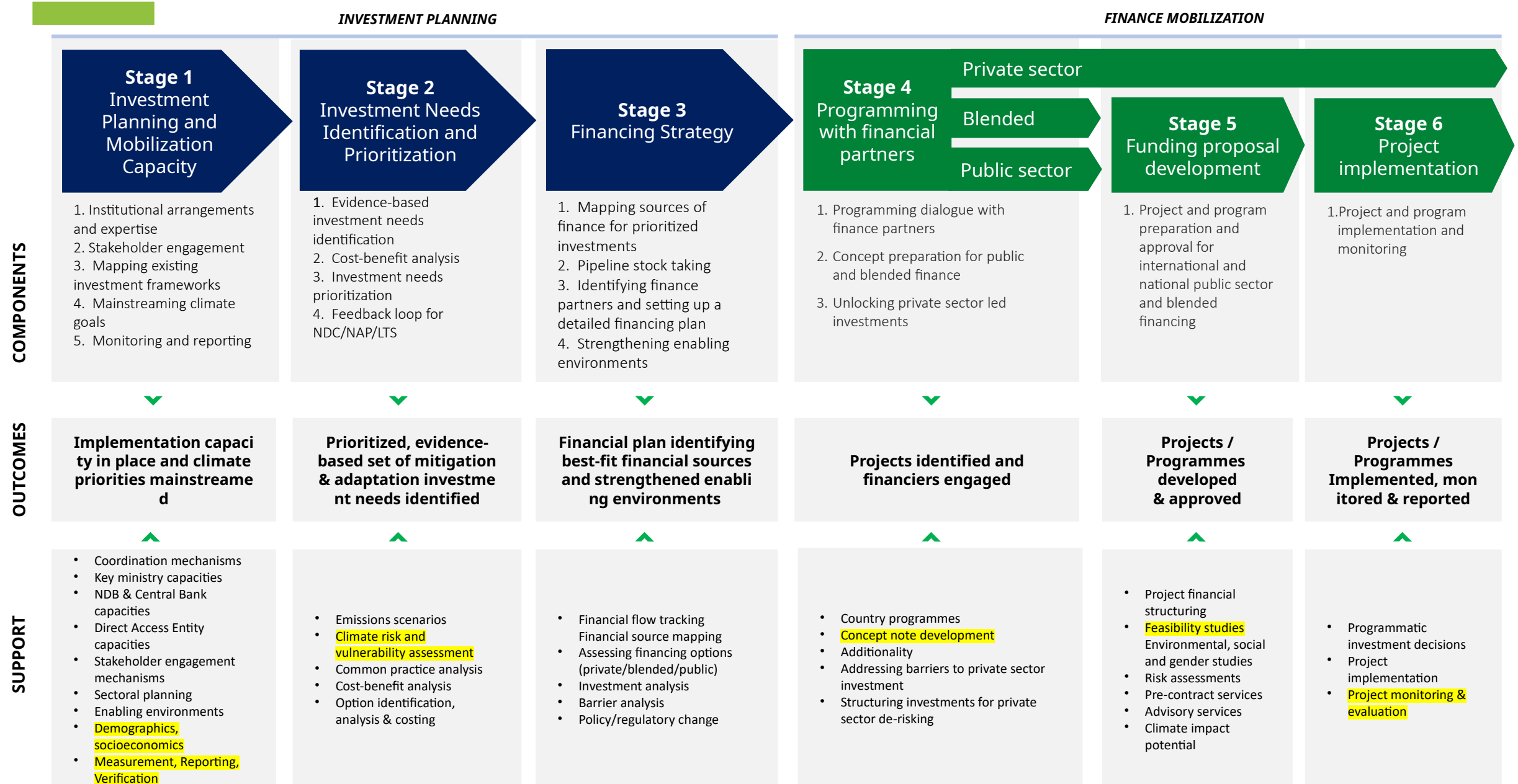


Ecosystems and
ecosystem services

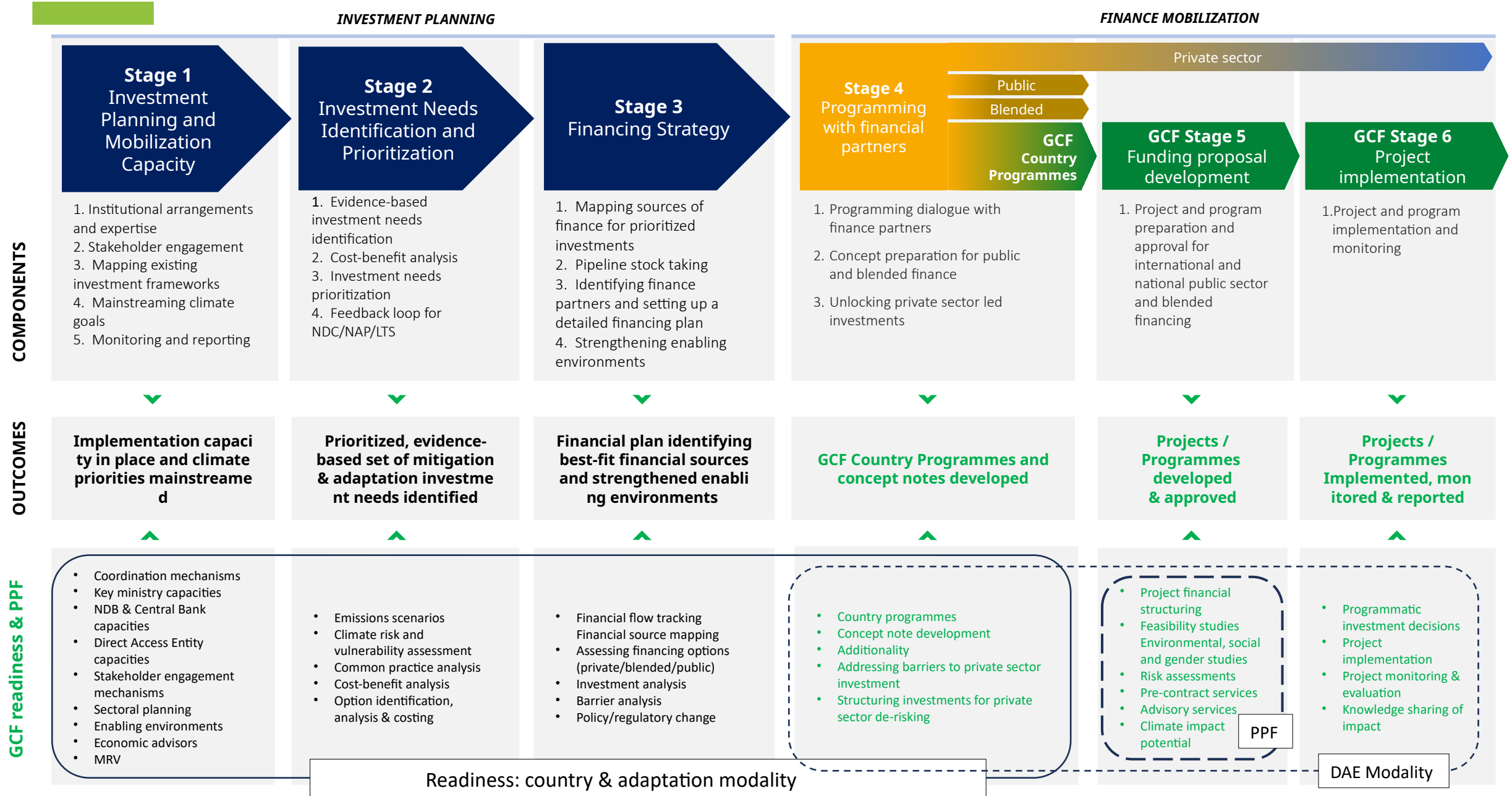
Beneficiaries (adaptation
benefit of protected lives
and enhanced livelihoods)

Value of resilient
infrastructure

GCF/NDC Partnership Climate Investment Planning and Mobilization Framework



GCF/NDC Partnership Climate Investment Planning and Mobilization Framework





Identify the country's emission scenarios for mitigation potential

Based on assumptions about how society will develop to estimate trends in emissions.

The determining factors for emission scenarios are known as 'driving forces'.

Driving forces:

- **Population growth**
- **Energy use**
- **Economic and technological development**
- **Land-use change**



Climate risk and vulnerability assessment

- **Contain a context-specific analysis of climate change hazards, exposure, vulnerability, and overall risks;**
- **Include historical and future trends or instances of climate change events/hazards and their impacts;**
- **Present mapping of hotspots of vulnerability to climate change hazards;**
- **Analyse potential non-climatic factors and the adaptive capacity to climate hazard risks and impacts;**
- **Interdisciplinary and participative;**
- **Link to any existing adaptation planning and ongoing adaptation activities.**

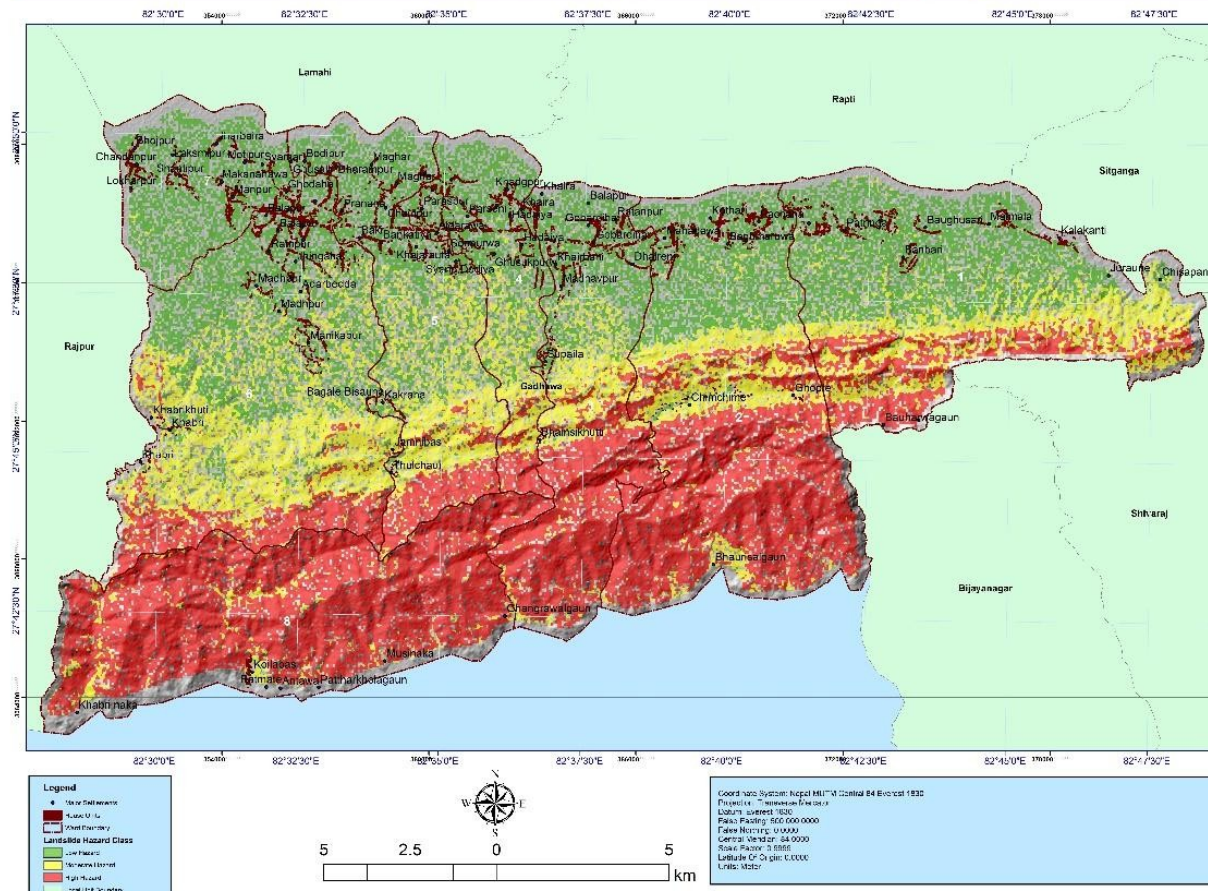
Data-driven prioritization of local climate investment:

Case of Nepal Climate Change Support Programme (locally-led adaptation)

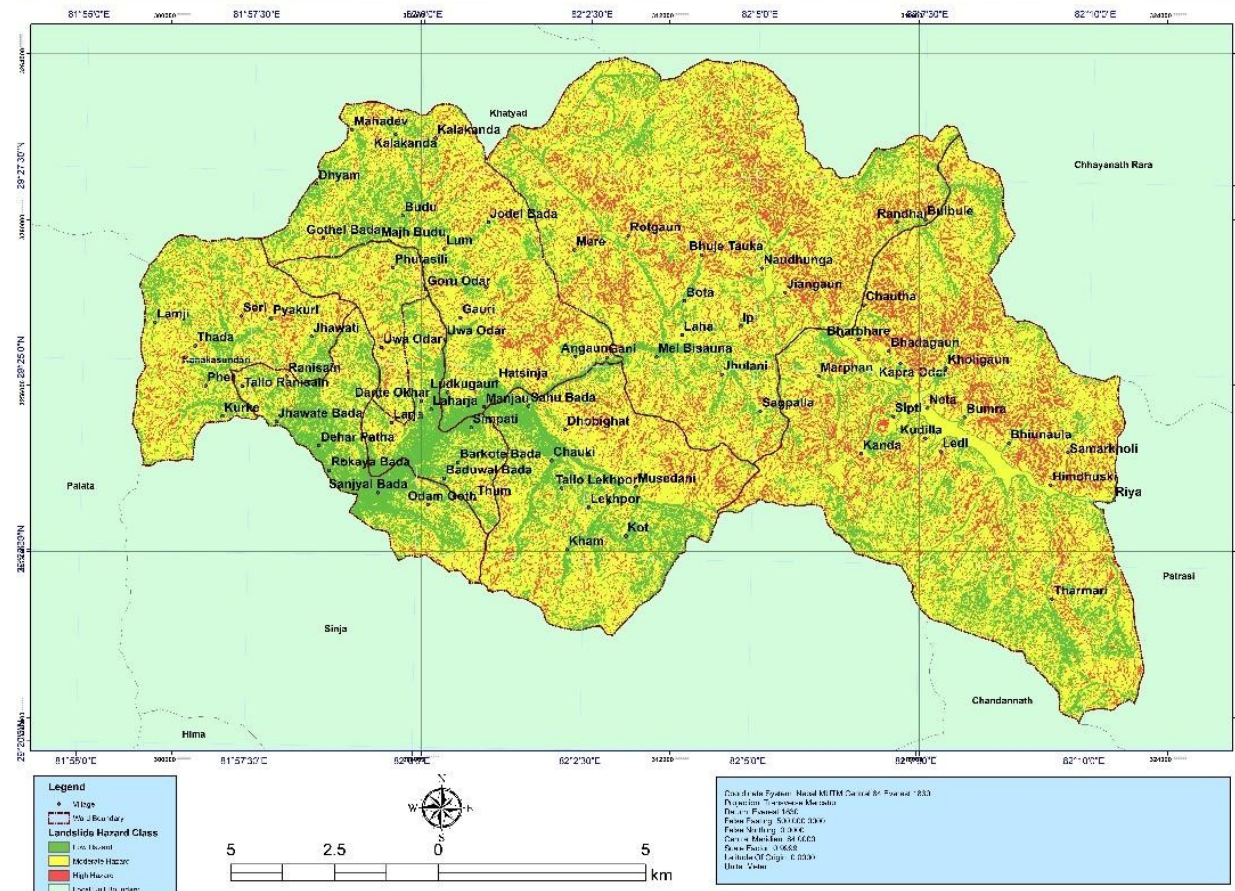
No	Rank	Province	District	Palika	Vulnerability scores (sensitivity and adaptive capacity) 2010 (districts)- NAPA	Exposure i.e. Remoteness/ population (NNRFC database)	Exposure Index	Current Hazard scores (MoHA DRR portal)	Risk index = hazard x exposure x vulnerability	Risk divider	Population
32	1	6	Mugu	Mugum Karmarong	0.922	10151	0.71	0.55	0.73	1.45	5396
19	2	6	Jajarkot	Triveni Nalgad	0.838	10289	1.00	0.32	0.72	1.44	25597
10	3	6	Dolpa	Mudkechula	0.649	10125	0.66	0.56	0.62	1.24	5129
20	4	6	Jajarkot	Barekot	0.838	10160	0.73	0.20	0.59	1.18	18083
45	5	6	Salyan	Bagchaur	0.603	10169	0.75	0.41	0.59	1.17	34118
18	6	6	Humla	Simkot	0.476	10117	0.64	0.57	0.56	1.13	11557
1	7	6	Dailekh	Aathbis	0.625	10210	0.84	0.22	0.56	1.12	29227
25	8	6	Jumla	Patarasi	0.562	10136	0.68	0.39	0.55	1.09	14571

Local climate action planning

Landslide Hazard Map of Gadhuwa Municipality



Landslide Hazard Map of KanakaSundari Rural Municipality



Stages 4 to 6

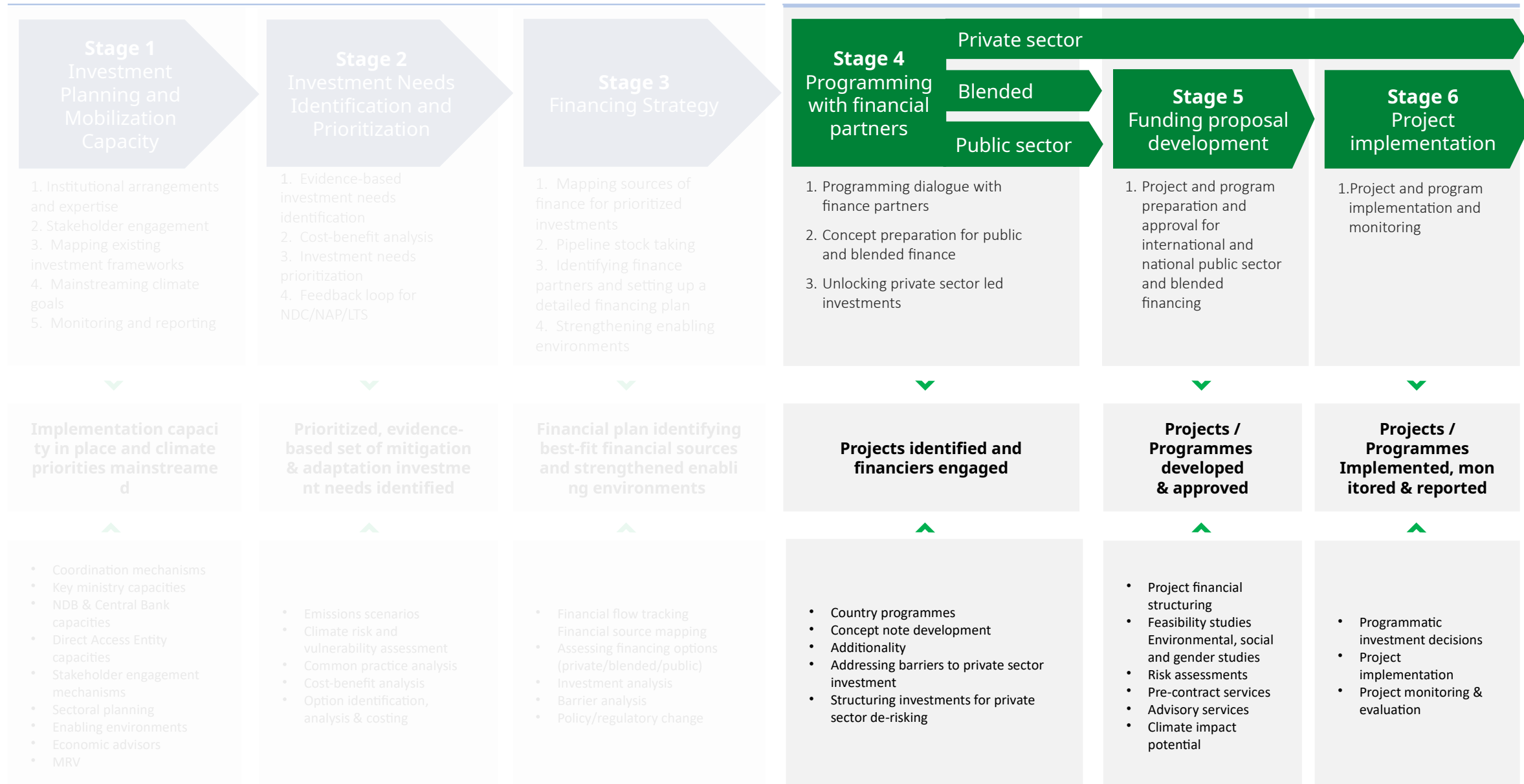
INVESTMENT PLANNING

FINANCE MOBILIZATION

COMPONENTS

OUTCOMES

SUPPORT



Concept Note



- Focuses on information needed for screening
- Facilitates routine minor updates over time
- Links with GCF's digital funding proposal template

HOME / PROJECTS PIPELINE / CONCEPT NOTE SUBMISSION

GCF Concept Note

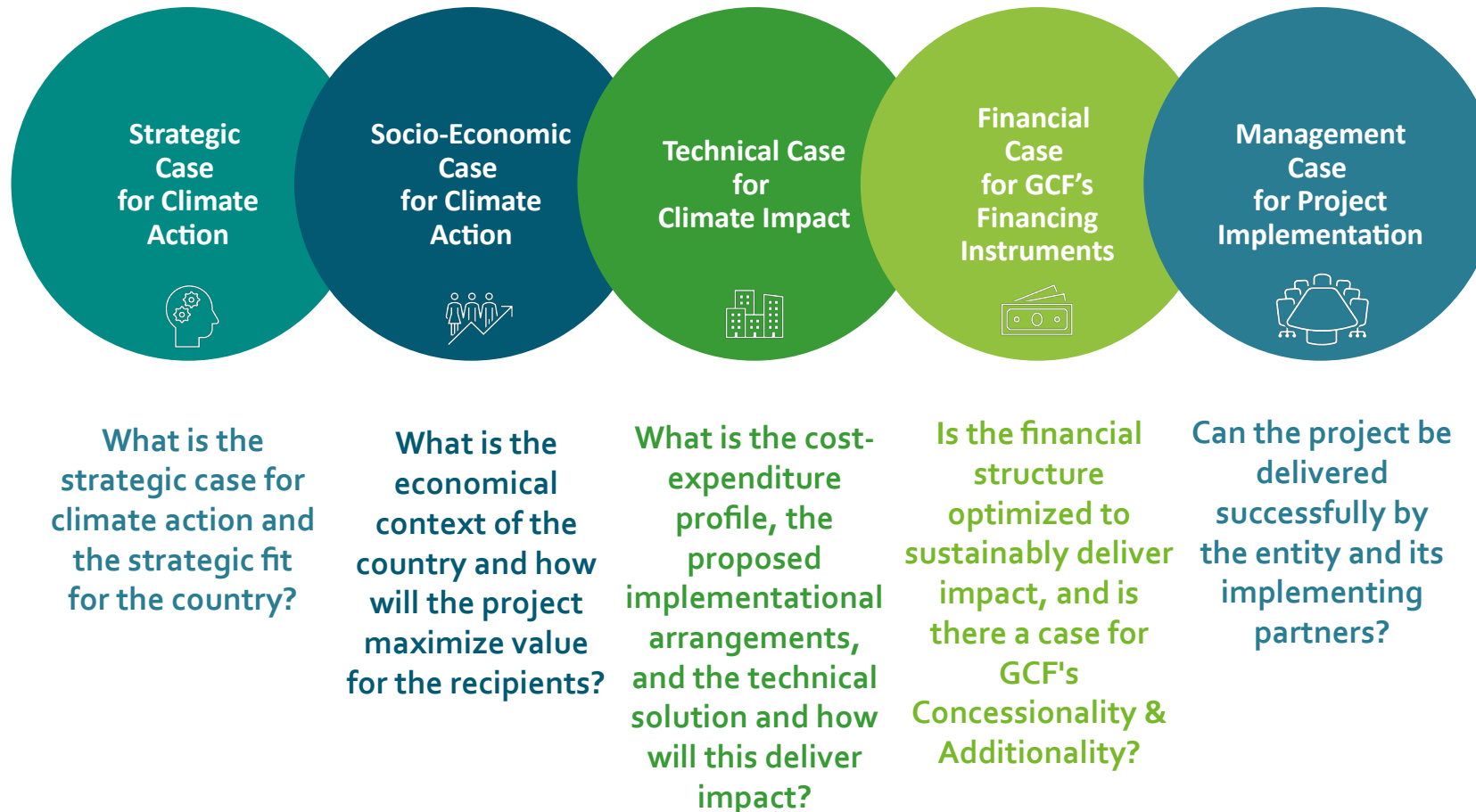
VERSION 1 GCF Concept Note

[Submit proposal](#)

<p>NOT STARTED</p> <p>A. Basic Proposal Data Project scope definition</p>	<p>NOT STARTED</p> <p>B. Executive Summary Comprehensive project summary</p>	<p>NOT STARTED</p> <p>C. Proposal Information Technical foundation of the project</p>
<p>NOT STARTED</p> <p>D. Indicative Financing Information Financial architecture of the project</p>	<p>NOT STARTED</p> <p>E. Accredited Entity / Executing Entity Information Detailed overview of the entities responsible for project execution</p>	<p>NOT STARTED</p> <p>F. Key Risks/Mitigation measures Systematic identification of key project risks and corresponding mitigation measures</p>

3. New approach – The 5 Case Model as a structure

- ✓ Provides a compelling narrative that aligns with GCF investment hurdle criteria
- ✓ Whilst also providing the information required to test the investment hypothesis



Funding proposal appraisal: 6 investment criteria

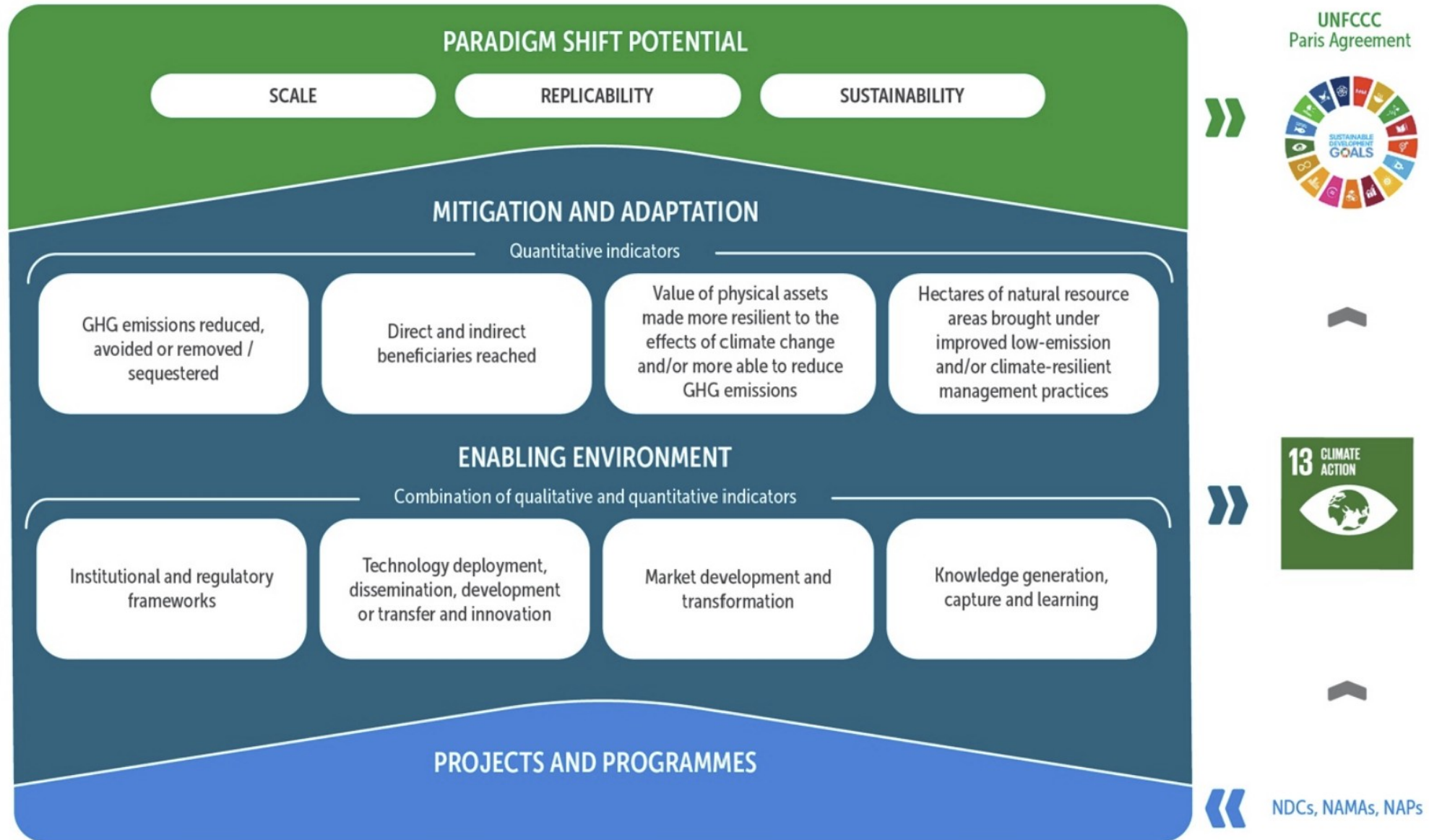


Criteria
Impact potential
Paradigm shift potential
Sustainable development potential
Needs of the recipient
Country ownership
Efficiency and effectiveness

3. New approach – Investment Memo

The 5 Cases	Big Picture Guiding Questions	Country ownership	Paradigm Shift Potential	Climate Impact Potential	Needs of the Recipients	Sustainable Devel. Potential	Efficiency & Effectiv.	Data requirement
Strategic Case for Climate Action	What is the strategic case for climate action and the strategic fit for the country?	X	X	X				Sector/institutional data
Socio-Economic Case for Climate Action	What is the economical context of the country and how will the project maximize value for the recipients by creating climate-resilient assets, sustainable services and protecting livelihood?				X	X		Target beneficiary data
Technical Case for Climate Impact	<ul style="list-style-type: none"> - What is the proposed technical solution and how will this deliver impact? - What are the proposed implementational arrangements? - What is the cost and expenditure profile? 						X	Result and impact data Value for Money
Financial Case for GCF's Financing Instruments	<ul style="list-style-type: none"> - Is the financial structure optimized to sustainably deliver impact? - Is there a case for GCF's Concessionality & Additionality? 						X	Financial data
Management Case for Project Implementation	Can the project be delivered successfully by the entity and its implementing partners?						X	Partner performance data

Project implementation: Integrated Results Management Framework



Challenges and opportunities



Challenge	Opportunity
Data is insufficiently strong at Concept Note stage	Focus on information on climate additionality and alignment with GCF's mandate, de-risking investment.
GCF frameworks and data requirement are not aligned	Complementarity and coherence MDB/MCF climate metrics initiatives
Data completeness do not always receive sufficient priority	Monitoring and Accountability Framework and policy strengthening.
Countries (NDAs) have insufficient information on progress of GCF funded activities and readiness/ppf grants	Strengthen country ownership through information management
Data are not granular enough and insufficiently triangulated	Introducing community monitoring practice Introducing technology
Data flows on results are too slow	Introduce Technologies for 'live' reporting on key-metrics.
Good partner performance is not incentivized	Generate project data to measure partner performance. Decision-support for new investments



THANK YOU !