



Food and Agriculture
Organization of the
United Nations



UNDP & FAO Session (SCALA Programme):

“Step-by-step guidance to enable transformative climate solutions as part of NDC/NAP implementation in the agriculture and land use sectors”

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NAP Expo: Gaborone, Botswana

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Context and SCALA Programme Overview

01



Background Context: IPCC AR6 Report

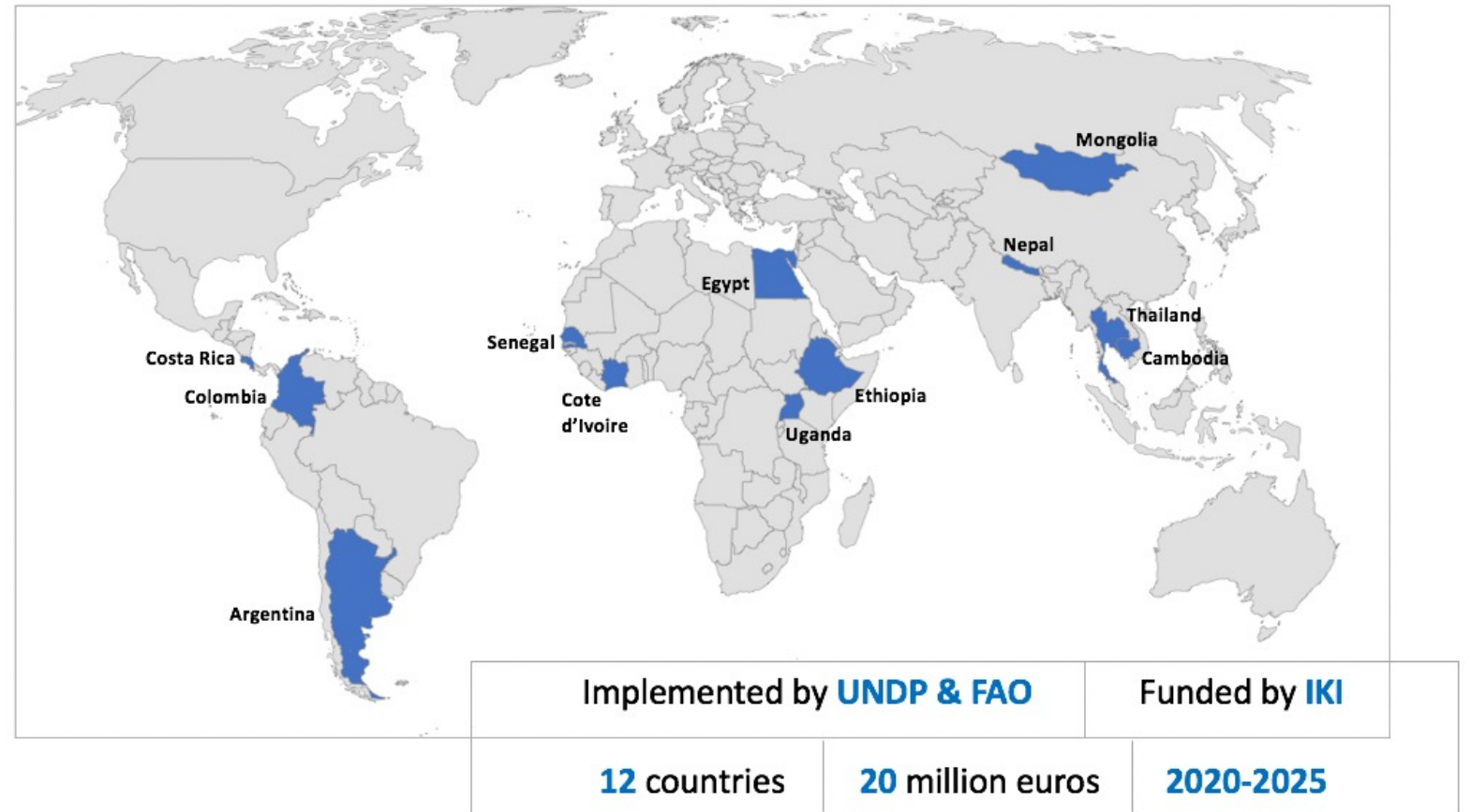
- “Climate-related extremes have affected the productivity of all agricultural, fishery and land use sectors, with **negative consequences for food security and livelihoods**”
- “The impacts of climate change on food systems affect everyone, but **some groups are more vulnerable**”
- “**Limits to adaptation** will be reached in more systems, including agricultural production, as global warming increases”
- “Many climate **plans and initiatives prioritize immediate and near-term climate risk** reduction which reduces the opportunity for transformational adaptation”
- “**Transformative change** in governance of socio-ecological systems can help create climate and biodiversity resilient development pathways”



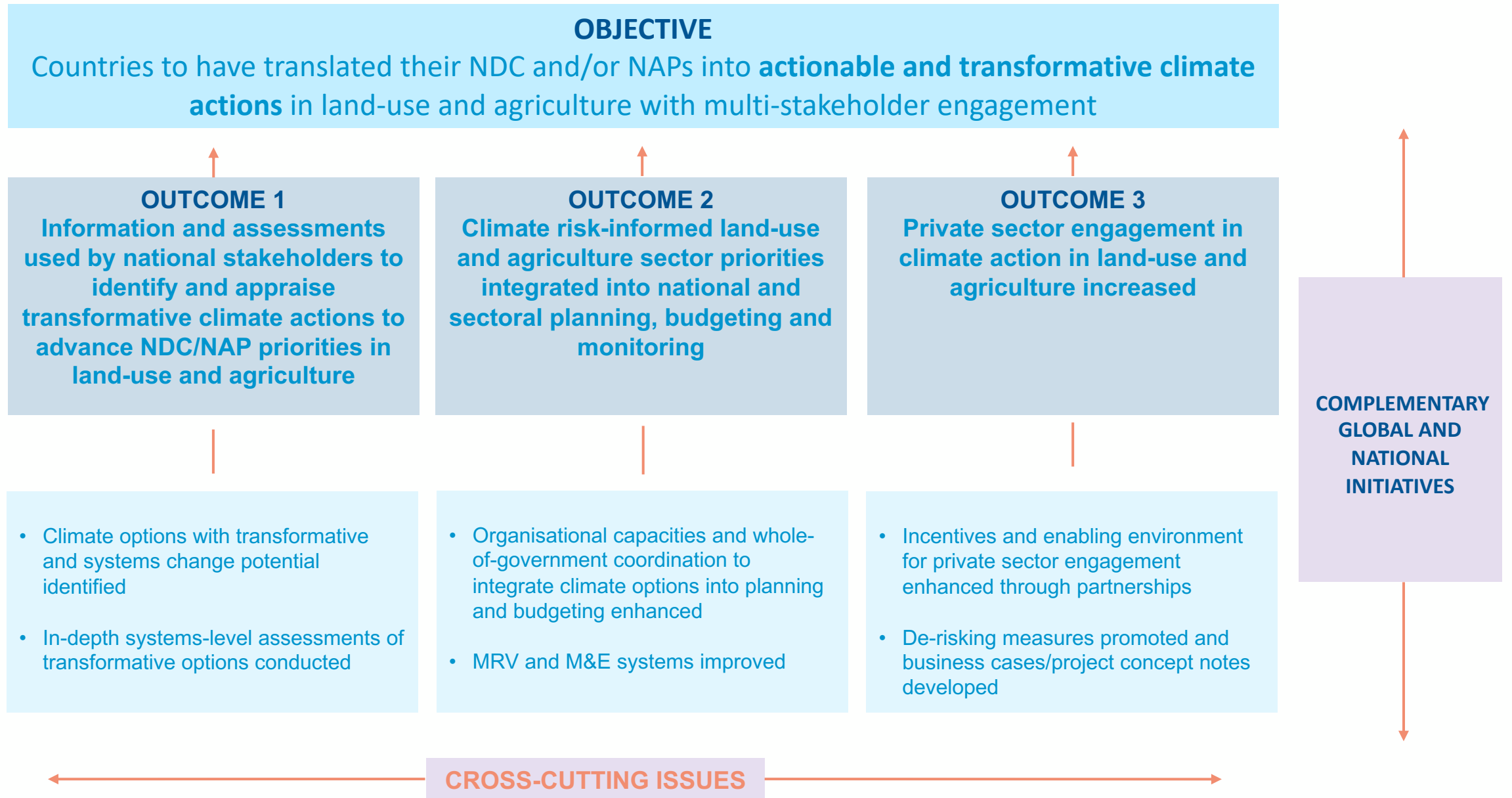
SUPPORT PROGRAMME ON SCALING UP CLIMATE AMBITION ON LAND-USE AND AGRICULTURE THROUGH NDCS AND NAPS (SCALA):

GOAL:

Support transformative climate action in the land-use and agriculture sectors to reduce GHG emissions and/or enhance removals, as well as strengthen resilience and adaptive capacity to climate change in participant countries.



SCALA'S Approach



SCALA Programme Highlights



Countries

★ 10 countries assessed their NDC/NAPs to identify **entry-points for transformation** in agriculture

★ 10 countries undertook **participatory inception**

*6 countries are undertaking **systems-level assessments**

Global

★ Launch of the **Private Sector Engagement Facility**

UGANDA



Cattle Corridor landscape

Outcome 1

Climate-risk informed systems-level assessments in the cattle corridor

Outcome 2

M&E and MRV system strengthening
LTS-Ag Strategy development
Gender-responsive adaptation planning

Outcome 3

Private sector investment opportunity analysis
Public-Private sector round tables
De-risking measures
Bankable project concepts



Private Sector Engagement Facility

Purpose?

To enhance private sector engagement and increase private investment across NDCs and NAPs in non-SCALA countries across **3 workstreams**:

- Outreach, Opportunity Mapping & Facilitating Multi-stakeholder Engagement
- Assess Risks & Business Opportunities
- De-risk & Enable Private Investments:

Who is eligible?

- **All developing countries** with a strong focus on agriculture and land use in their NDCs and/or NAP can request support,
- **LDCs** are priority during the first phase (2022), **SIDS and MICs** during the second phase (2023) on the basis of **10 eligibility criteria**

Country allocation?

- Up to **USD 50K allocation per country for 12 months for implementation**

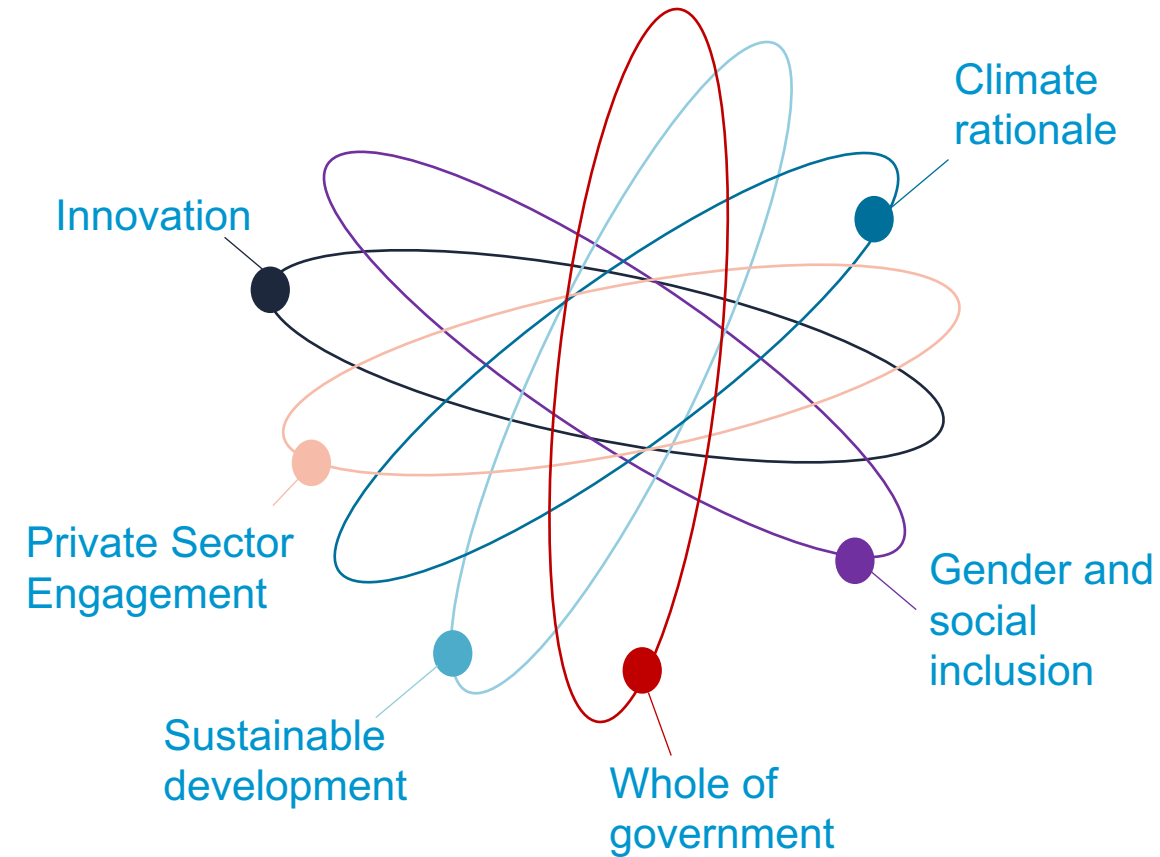
UNDP-FAO Practical guidance for transformative NAP/NDC implementation in agriculture

02

What is “transformative” climate action?

SCALA’s approach to unpacking the theory:

- **Research:** 6 dimensions of transformative climate action in agriculture identified based on literature review and case studies
- **Tool:** Tools developed to support country programmers identify transformative and systems-change potential of NDC/NAP climate actions
- **Testing ground:** Country-specific theories of transformative change and actionable NDC/NAP workplans currently under implementation in SCALA countries



6 dimensions of transformative climate action



UNDP-FAO Step-by-step guidance for transformative NDC/NAP implementation in agriculture

- **What?:** A step-by-step guidance package and tool to assess the transformative and systems-change potential of NDC/NAP climate actions in agriculture
- **Why?** To enable transformative approaches to NDC/NAP implementation
- **Who?** Climate change and agriculture and land use sector planners/programmers; NDC/NAP practitioners; development partners

STEP 1: Short-list the NDC/NAP priority climate action areas

STEP 2: Define the system for transformative change

STEP 3: Assess the transformative potential of NDC/NAP climate action

STEP 4: Develop actionable NDC/NAP project or investment portfolio with multi-stakeholder engagement

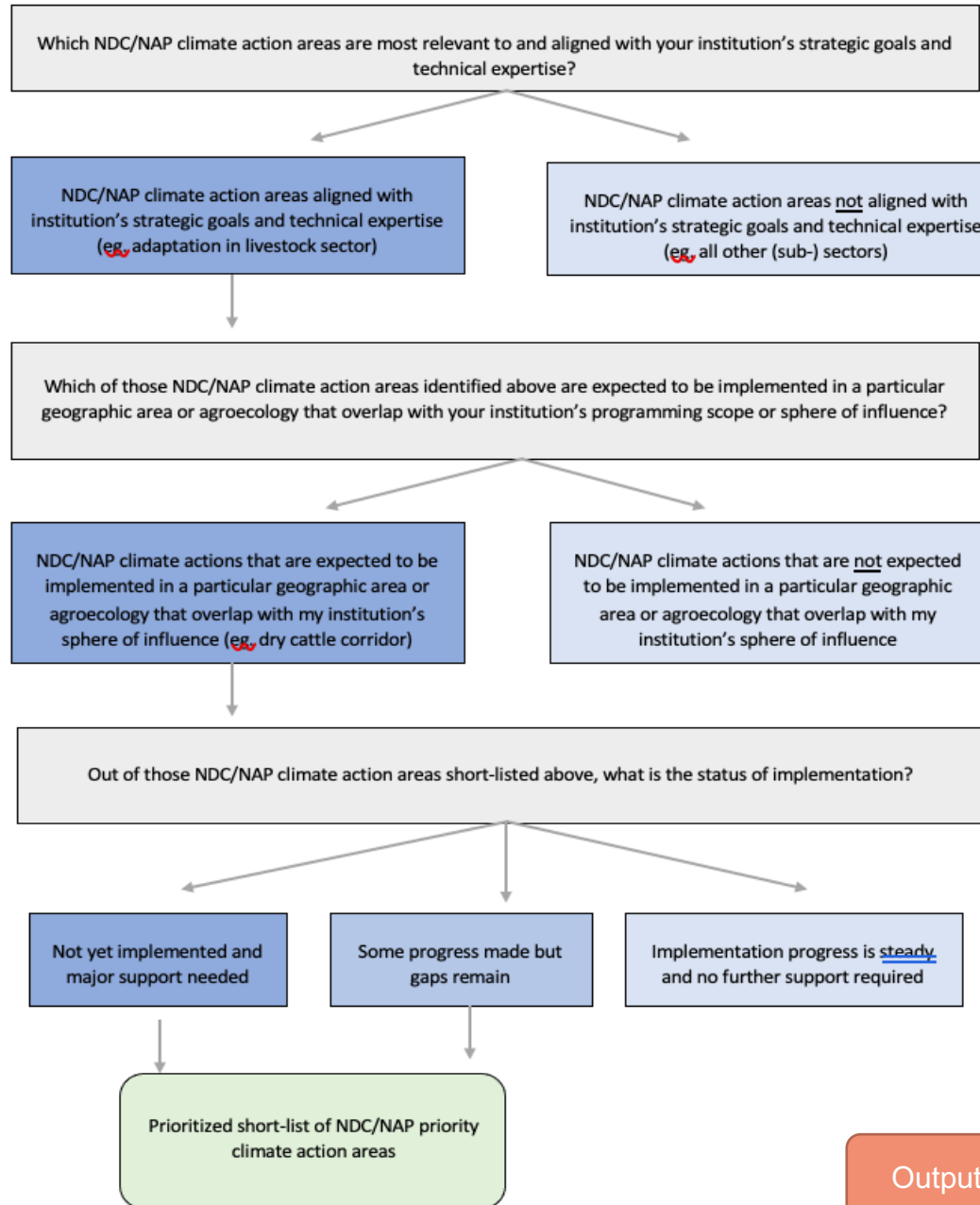
Principles:

- ❖ Systems-thinking
- ❖ Participatory process
- ❖ Inclusivity



STEP 1: Short-list the NDC/NAP priority climate action areas

For my institution, which NDC/NAP climate actions represent priorities for implementation?



Output: Short-list of NDC/NAP priority climate actions

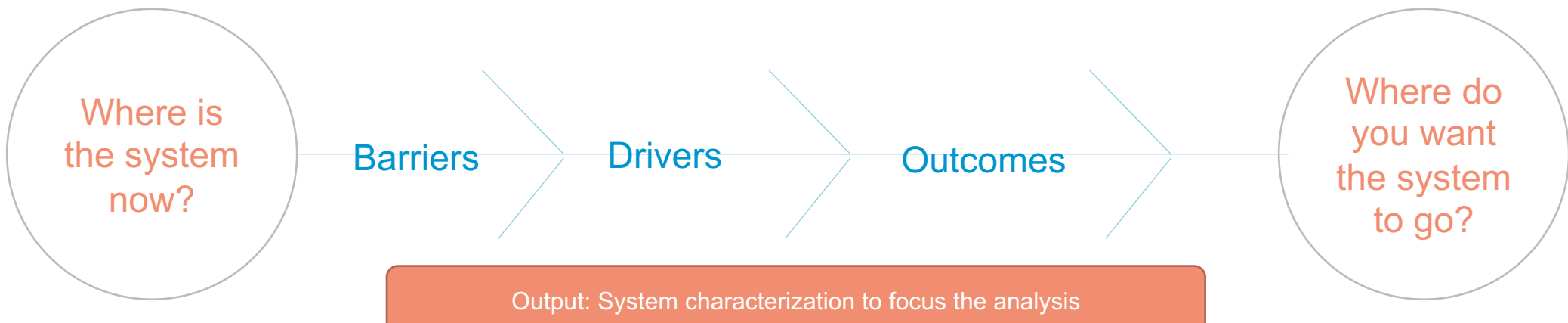


STEP 2: Define the system for transformative change



Looking at the set of priority NDC/NAP climate actions identified, what is the “system” of focus?

System parameters	Qualifying questions
Scale	<ul style="list-style-type: none">• What is the administrative scale of implementation?• What is the geographic or agroecological scale of implementation?
Agriculture, land use or ecosystem	<ul style="list-style-type: none">• What is the sector, sub-sector and/or ecosystem of focus?
Value chain stage	<ul style="list-style-type: none">• Which stage(s) in the value chain are considered?
Other	



Example 'systems' for transformative change identified in SCALA countries

• Coffee and livestock (beef) value chains

• Millet/groundnut and market gardening system

• Livestock and pastureland management

Costa Rica

Colombia

Cote d'Ivoire

Senegal

Egypt

Nepal

Mongolia

Thailand

Cambodia

Ethiopia

Uganda

Cocoa value chain

Livestock / small ruminant landscape and watershed

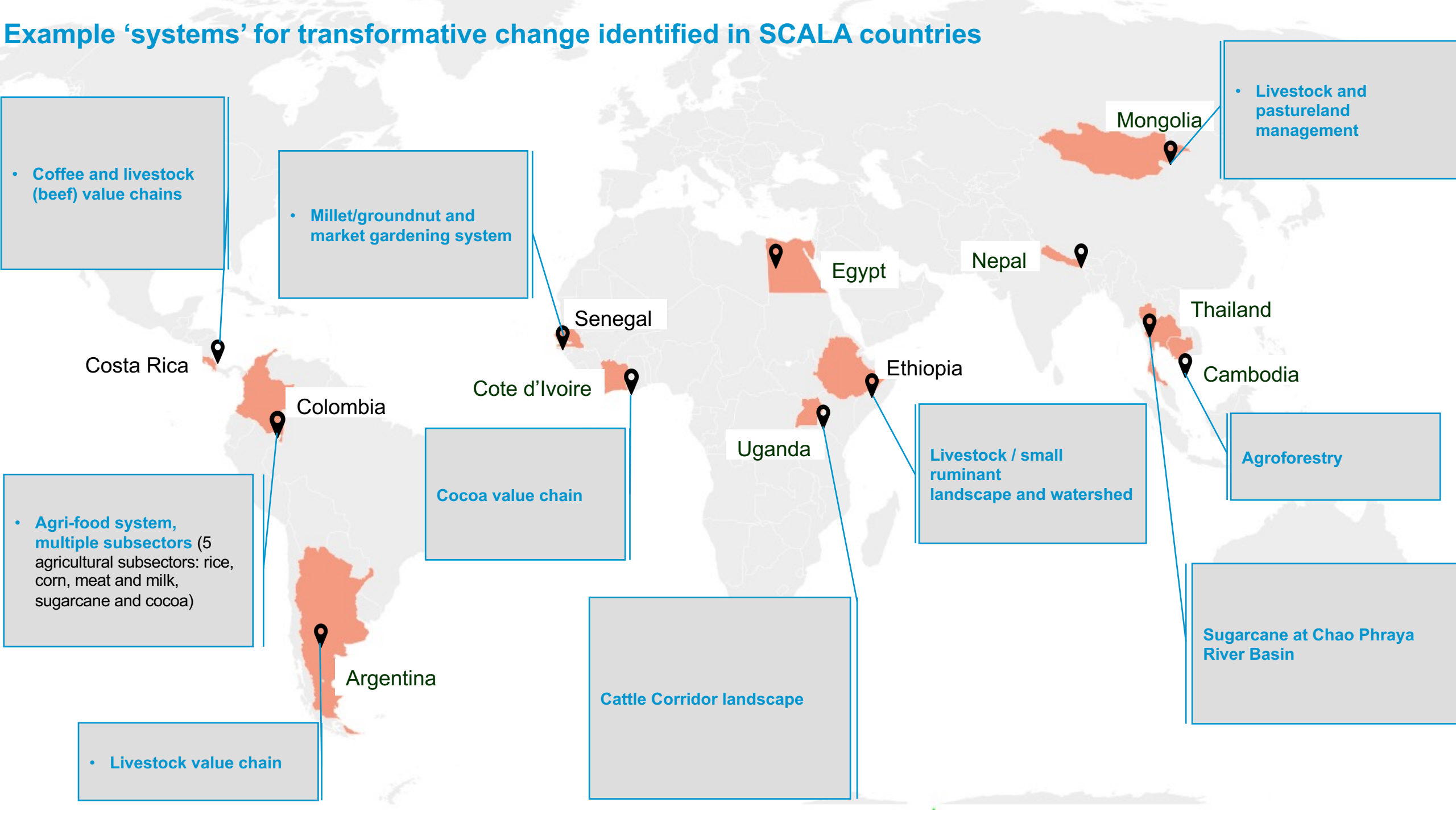
Agroforestry

• Agri-food system, multiple subsectors (5 agricultural subsectors: rice, corn, meat and milk, sugarcane and cocoa)

Sugarcane at Chao Phraya River Basin

• Livestock value chain

Cattle Corridor landscape





STEP 3: Assess the transformative potential of NDC/NAP climate actions



How would implementation of the priority NDC/NAP climate actions contribute to transformative change? *Score the contribution potential using the 6 assessment criteria.*

1. Climate rationale

Adaptation relevance
Mitigation co-benefit generation potential

2. Gender equality & social inclusion

Gender sensitivity
Gender responsiveness and inclusivity
Gender transformativeness

3. Private sector engagement

Risk responsiveness
Effectiveness of returns
Scalability

4. Innovation

Technological potential
Financial potential

5. Whole-of-governance

Policy coherence
Cross-sectoral coordination contribution
Multi-collaboration contribution

6. Sustainable development

Economic potential
Social potential
Environmental potential

Output: Transformative potential assessment results

1. Climate rationale

Adaptation relevance
Mitigation co-benefit generation potential

Example: *How to evaluate the climate rationale?*

Consider the 'adaptation relevance':

a) Consistency of adaptation option with climate impact projections

Assessment question: Do the adaptation option(s) consider and address the latest climate projections for 2030 and 2050?

b) Vulnerability of system to climate risks

Assessment question: Do the adaptation option(s) consider and address the latest climate risk and vulnerability assessments relevant to the agriculture system or ecosystem of focus?

Consider the 'mitigation co-benefit generation potential':

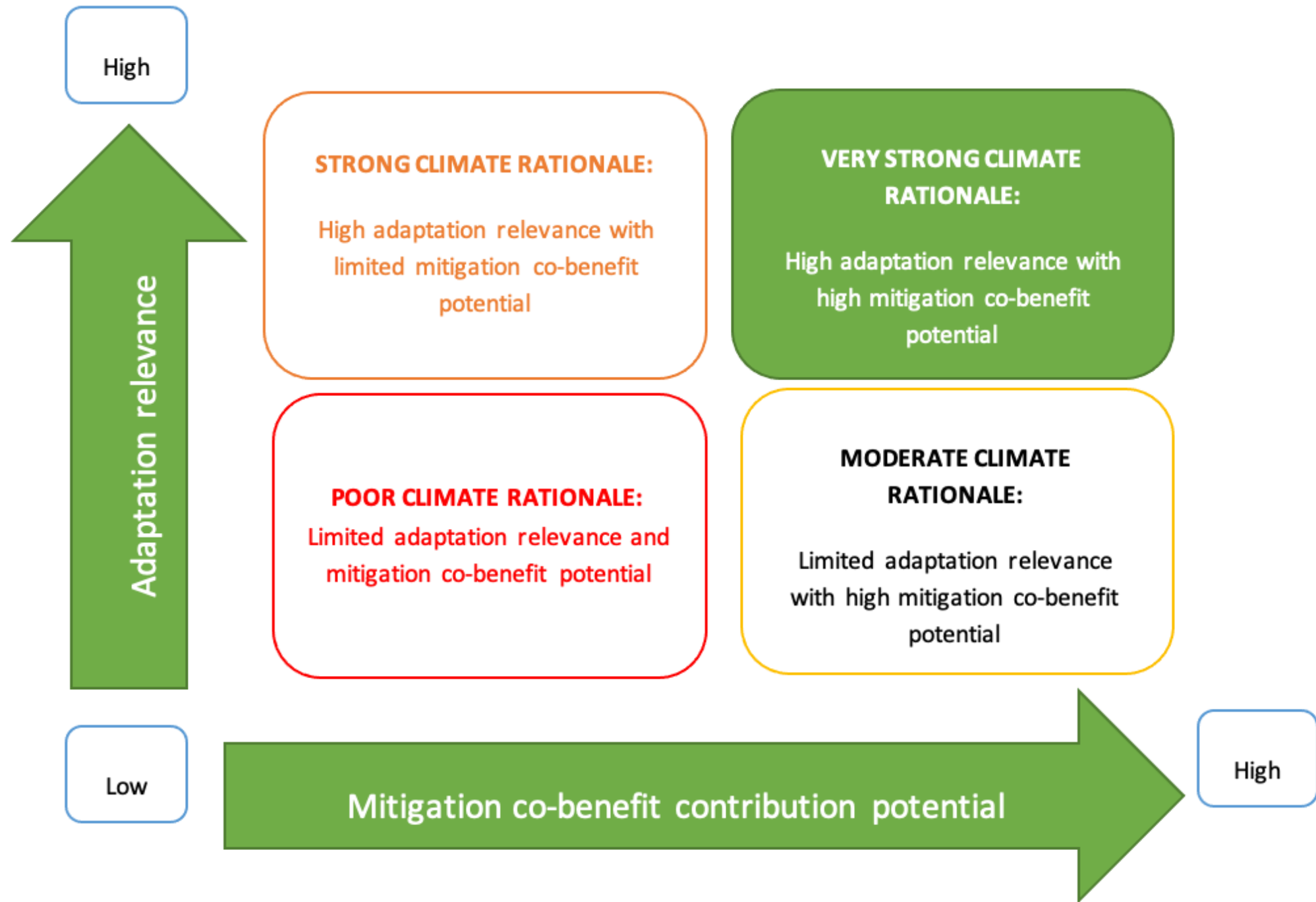
a) Mitigation co-benefit contribution potential

Assessment question: Does the adaptation option present the potential for GHG emission reductions (net or intensity) or removals by carbon sinks (in biomass or soils)?

Yes, No or Partially?

Criteria to consider: No (does not respond to projections), Partially (responds to some projected hazards) and Yes (responds to key climate hazards).

Score between 0-10



2. Gender equality & social inclusion

Gender sensitivity
Gender responsiveness and inclusivity
Gender transformativeness

Example: How to evaluate the potential contribution to gender equality and social inclusion?

Gender sensitivity

1) Will implementation be based on an analysis of the differentiated vulnerabilities, needs and capacities of women and men?

Gender responsiveness

1) Will gender norms, roles and relations be considered? How?
2) Will measures be taken to reduce the harmful effects of gender norms, roles and relations, including gender inequality?
3) Will implementation equitably benefit vulnerable communities or groups?

Gender transformativeness

1) Will implementation address the underlying drivers of inequality (access to assets services, and decision-making)? How?

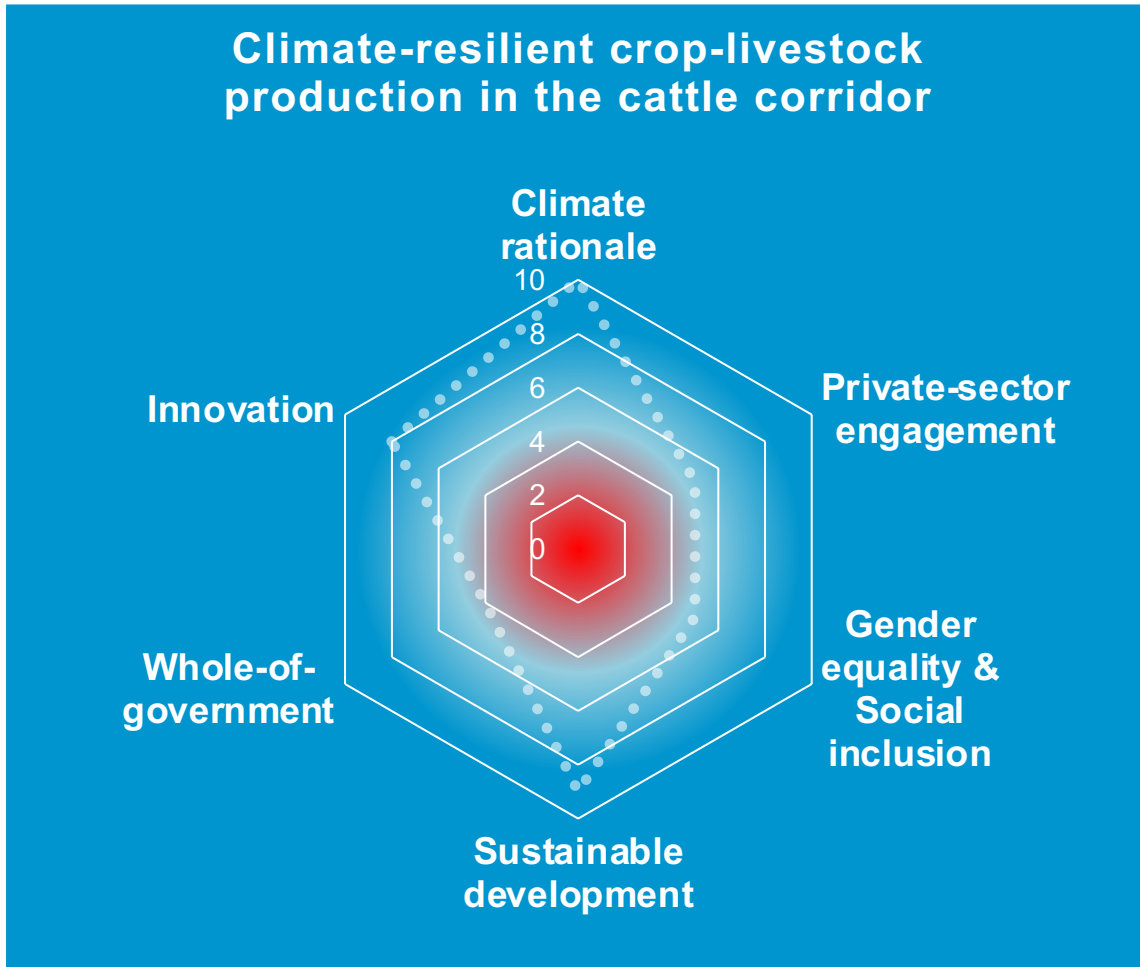
Score 0-10 based on assessment criteria provided



STEP 3: Assess the transformative potential of NDC/NAP implementation



Review the results



Where are the weaknesses?

Which dimensions could be strengthened?

TRANSFORMATIVE POTENTIAL	
Transformative	above 8
Partially transformative	4-8
Not transformative	below 4



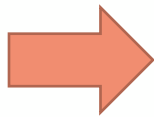
STEP 4: Implement the transformative NDC/NAP climate action with multi-stakeholder engagement



What to do with the results?

Final Report:

- ✓ Insights on the potential of priority NDC/NAP climate actions to contribute to transformative change across 6 key areas
- ✓ Recommendations to guide project, programme or activity design
- ✓ Multi-stakeholder mapping
- ✓ Knowledge and capacity gap assessment



- ❖ Inform a multi-stakeholder process for investment project or policy design
- ❖ Followed up with technical and financial analysis

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