Financing Climate Resilient Livelihoods

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Conserving Now, Preserving Future
Climate Finance – Impacts on Livelihoods

- **Increase in mean temperature**: By 0.60°C in the last 100 years.

- **Negative impact on crop productivity**: Experienced in wheat and paddy due to increased temperature, reduction in rainy days and consequential water stress.

- **Projections (medium-term - 2010-2039)**: Yield reduction by 4.5 to 9% - posing challenge to food security and livelihood

- **Overall impact on agricultural economy**: Cost of climate change estimated at around 1.5% of GDP from Agriculture every year (ICAR –NICRA project)
Climate Finance – India’s Requirement

- India has huge Climate Finance Requirement (> US $ 1 Trillion)

- Adaptation - in agriculture, fisheries infrastructure, water resources, and ecosystems.
  US $206 billion between 2015 and 2030 (Source: INDC of India)

- NAPCC / SAPCC Assessment USD 189 billion for implementing envisaged plans

- Mitigation activities for moderate low carbon development - USD 834 billion till 2030 (Source: INDC of India)
National Missions and the architecture
NABARD – Committed to Rural Prosperity

Balance Sheet Size - US $-54.41 Billion (2016-17)

Loan Portfolio Size - US $ 47.65 Billion (2016-17)

Development Bank of India
- Mandated for Sustainable and Equitable Rural Prosperity

PAN India Presence
- 31 ROs, 430 District Offices, 4 Specialised Subsidiaries, 2623 Professionals

Rural Partners
(154,000 Farmers Club, 3000 FPOs, 5000 CSOs, 7.5 million SHGs)
NABARD – Committed to Rural Prosperity

Functions

- Credit & Refinance
- Developmental Initiatives
- Funding rural infra
- Policy Advocacy
- Supervision of Rural Banks

<table>
<thead>
<tr>
<th>Fund</th>
<th>Projects/Projects</th>
<th>USD (Million)</th>
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<tbody>
<tr>
<td>Adaptation Fund</td>
<td>6</td>
<td>9.8</td>
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<tr>
<td>National Adaptation Fund for CC</td>
<td>22</td>
<td>66</td>
</tr>
<tr>
<td>Green Climate Fund</td>
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<td>34.357 (166)</td>
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<tr>
<td>Climate Fund of NABARD</td>
<td></td>
<td>Created out of profits</td>
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Alignment with National Priorities

- Key Engagement with SDGs
  - Gender Equality
  - No Poverty & Hunger
  - Clean Water & Sanitation
  - Climate Action
  - Clean Energy

- National Action Plan on Climate Change
- National Missions
- State Action Plan on Climate Change
- Projects

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Climate Finance – Addressing Stakeholder Needs – NABARD’s Approach

- Extensive stakeholder consultation
- Project Development - write shops
- Climate change aspects included in all training programmes & development of curriculum
- Mainstreaming through Credit Planning
Challenges: Climate Finance for Resilience building

- Vulnerability assessment, identification of location specific sustainable appropriate interventions
- Mainstreaming of Climate Action in planning process
- Stakeholder Engagements / Peoples Participation
- Technical Support & Capacity Building support of Stakeholders
- Scaling up of adaptation projects towards Programmatic approach
- Involvement of financial institutions
Thank You....

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