Knowledge Fair - NABARD, India
• Name of the NIE – National Bank for Agriculture and Rural Development (NABARD)

• Country – India

• Project Name: “Climate Proofing of Watershed Development Projects in the States of Tamil Nadu and Rajasthan”
Purpose & Overview of the project

• Overall objective - Enhance resilience of agriculture to climate change and variability in the watersheds by adding climate proofing and resilience enhancing components to the already treated watersheds.

• 19 selected watersheds in Semi Arid regions of Rajasthan and Tamil Nadu & 14 executing agencies

• Major Challenges
  • Low rainfall with uneven distribution
  • Prolonged dry spells and drought affecting the crop productivity.
  • Delay in onset of monsoon,

• Duration: March 2016 - 2021
# Challenges and Solutions

<table>
<thead>
<tr>
<th>Challenges</th>
<th>Solutions</th>
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<tbody>
<tr>
<td>Absence of adequate enabling or facilitation institutional arrangements</td>
<td>VWCs, Cluster Level Committees, EEs</td>
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<td>Non-Climatic Challenges</td>
<td>AWS, Coordination with Government Schemes</td>
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<td>Low Natural resource endowments</td>
<td>Soil and Water Conservation measures</td>
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<tr>
<td>Location specificity</td>
<td>Locally tested and Sustainable measures</td>
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<td>Large number of Projects</td>
<td>Proper monitoring</td>
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<td>Lack of awareness</td>
<td>Awareness sessions</td>
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Lessons Learned

- Participation of community and farmers is crucial
- Involvement of local stakeholders at different stages of planning and implementation
- Diversification of cropping pattern towards fruit, vegetable, and tree crops
- Close monitoring of the project
- Integration of climate proofing elements with normal watershed development component
Conclusion

The project was successful in enhancing the resilience of agriculture to climate change and variability.

Key factors for success: community participation, stakeholder involvement, diversification of crops, close monitoring, and integration of climate proofing elements.

Lessons learnt were broad-based and implemented in other Climate proofing and watershed projects of NABARD.
Project Documentation