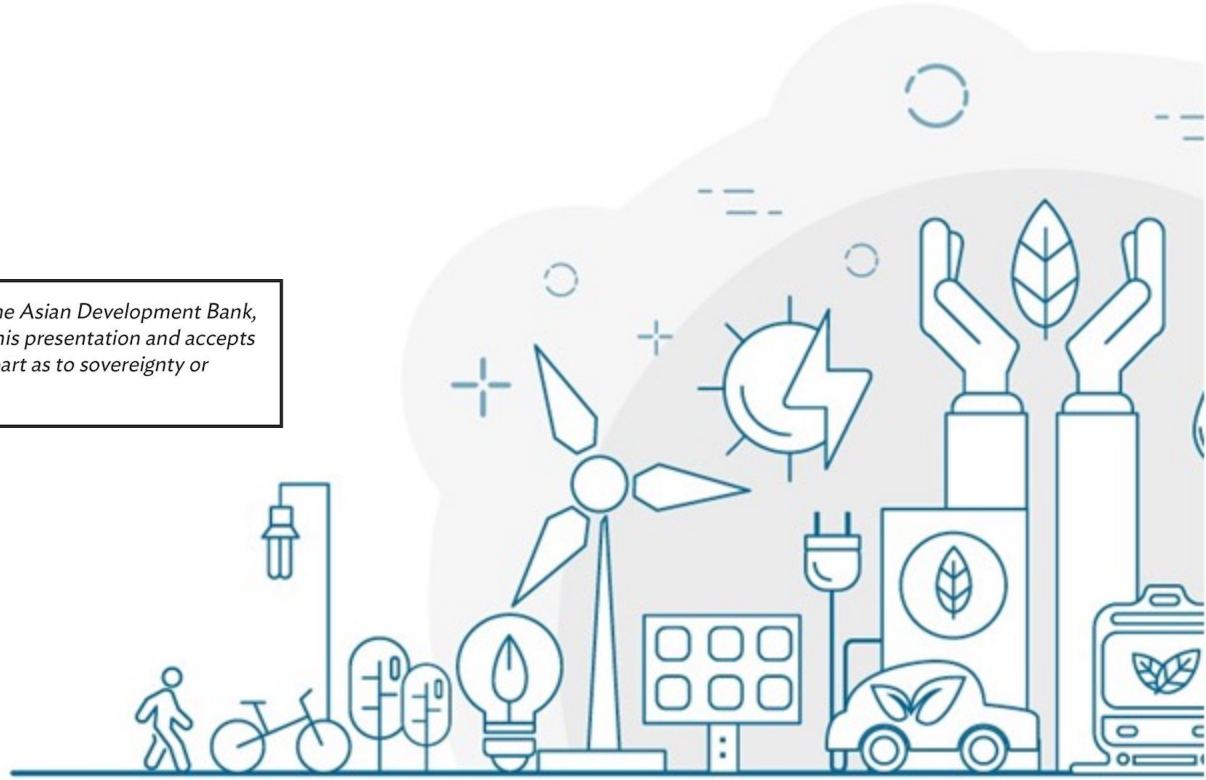
RISK IDENTIFICATION, ASSESSMENT, AND MITIGATION USING RAMP FRAMEWORK

Assam Skill University Project



1. Assam Skill University Project (ADB Loan 4166-IND; Project No. 53277-002)

Permanent campus
Mangaldoi
District Darrang, Assam

Campus Area
83 Acres

ADB Loan
USD 112 mn (₹ 813.34 Cr.) (80%)

Govt. of Assam Share
USD 28 mn (₹203.34 Cr.) (20%)

Interim Campus at
Industrial Training Institute (ITI), Guwahati

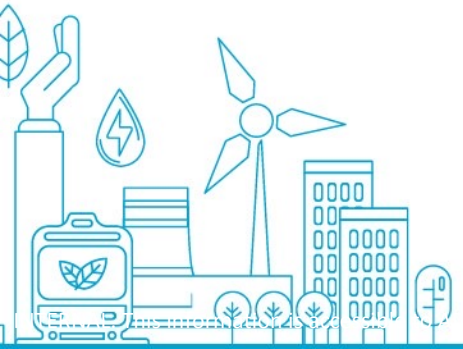
Target
9000 youth by 2028

Promote skills in an integrated manner with higher education

Raise skill levels in fields pertaining to emerging sectors

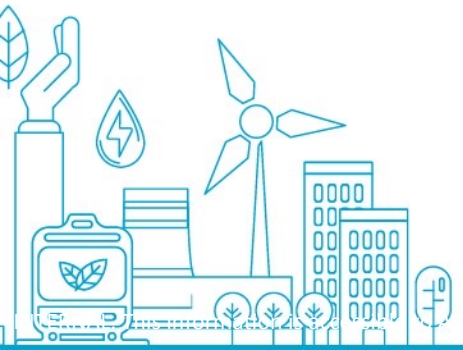
2. Need and measures taken (1/6)

Need	Measures taken
Geotechnical survey of the construction site	Survey conducted under the supervision of Civil Engineering Dept of Assam Engineering College
Consideration of seismic zone and liquefiable soil for building design	Bore holes are done in multiple locations of the site to assess the findings so that the same can be incorporated in pile foundation and building design



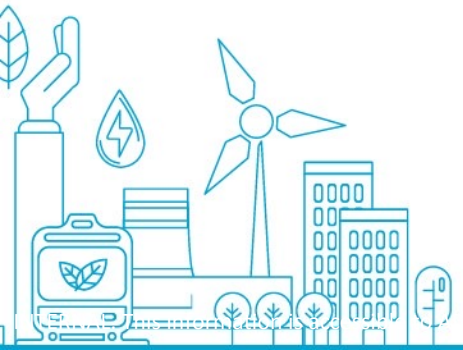
2. Need and measures taken (2/6)

Need	Measures taken
In case of earth filling requirement, a thorough Hydrology study of the surrounding locality is required so that social safeguard of vicinity is taken care	Hydrological study done in area where possibility of impact may be felt under the supervision of Civil Engineering Dept, IIT, Guwahati



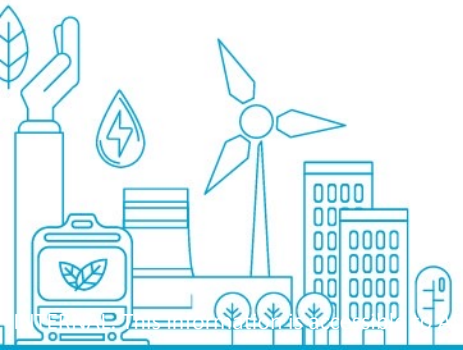
2. Need and measures taken (3/6)

Need	Measures taken
Use of Tools for monitoring construction works	MSP is used for construction monitoring. Accordingly catch up plans are prepared.



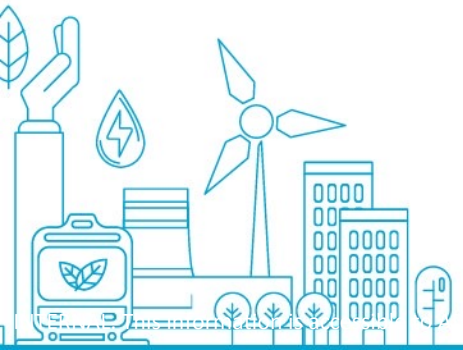
2. Need and measures taken (4/6)

Need	Measures taken
For a greenfield project, planning should be given sufficient time and technical support from the funding agency is critical	Technical assistance from ADB is received for Civil Works, Green Building, Building Management System, Faculty Development Centre etc.



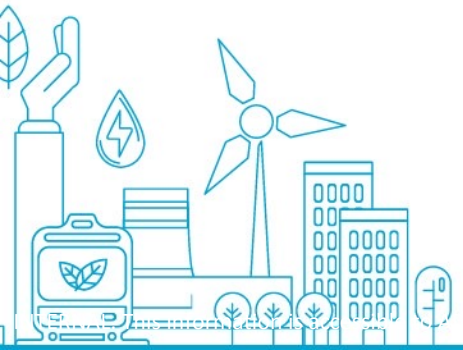
2. Need and measures taken (5/6)

Need	Measures taken
Mechanism for collecting Community grievances	• Three-tier GRM active • Consultations held regularly



2. Need and measures taken (6/6)

Need	Measures taken
Focus on greater female participation	• GESI Action Plan implemented with training for PMU, ASU faculty, and contractors. • Campus designed barrier-free with accessible toilets, ramps, and tactile pathways.



3. Lessons learnt

1. **Early Technical Assessments Are Critical**

Geotechnical and hydrology studies are helping avoid further delays ensuring safer, better design decisions.

2. **Integrated Planning Ensures Efficiency**

Using **MS Project for real-time tracking** helps improved coordination for civil works.

3. **Stakeholder Engagement Builds Trust**

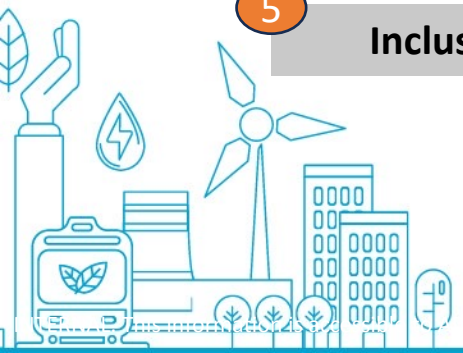
Regular consultations is strengthening communication and local ownership.

4. **Technical Support Adds Value**

ADB's expert guidance is helpful. Need is felt for a full time PMC versus intermittent support.

5. **Inclusivity Drives Impact**

The **GESI Action Plan** is promoting gender inclusion, accessibility, and awareness.



Thank You