



Collaborative Study Program Round 2

Strengthening Nature-based Solutions for Sustainable Multipurpose Forestry Business and Community-Based Management of Peatland and Mangrove Ecosystems

FOCUS AREAS

NbS – Biophysical Ecosystem Restoration, Conservation and Monitoring

Innovative technologies for conserving or restoring critical areas of peatland and mangrove ecosystems, technology-based monitoring and evaluation systems (e.g., AI, remote sensing, drones, sensors).

01

NbS – Technology and Product Development ("NatureTech")

Approaches to enhance economic value, such as bioprospecting of biological resources for bioactive products, biomaterials, and/or bioenergy, alongside the development of local products and appropriate technologies that support both conservation and community livelihoods.

02

NbS – Health and Socio-Economics

Sustainable community business models such as blue carbon initiatives, ecotourism, and agroforestry; Socio-economic and health impact analysis of NbS initiatives, including links to Non-Communicable Diseases (NCDs) and community resilience.

03

NbS – Law, Governance, and Climate Justice

Study of customary law, land tenure, climate justice, and protection of local community rights, Evidence-based policy evaluation, stakeholder roles, and advocacy

04



Total Fund and Duration

CAD 15,000

12 MONTHS

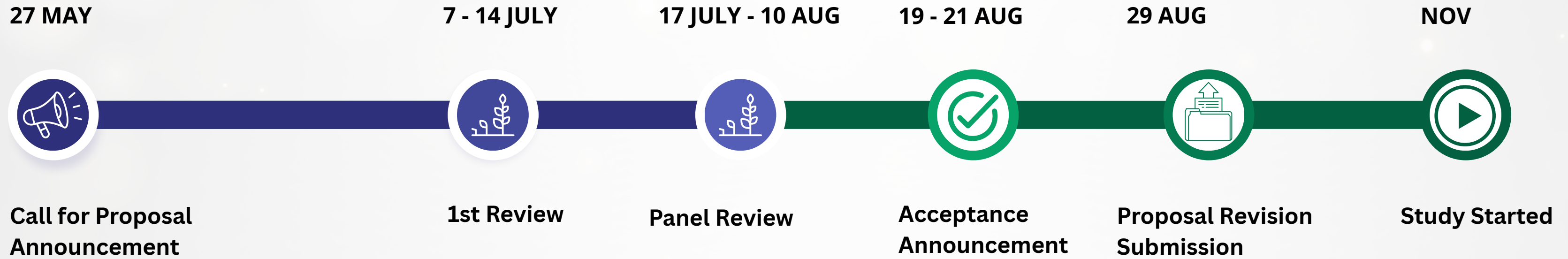
Gender Equality and Social-Economic Inclusivity (GESEI)

GESEI considerations are embedded throughout all studies, from defining research problems and designing methodologies to data analysis and knowledge mobilization.

This ensures that NbS approaches are inclusive, equitable, and responsive to the needs of women, marginalized groups, and local communities.



Milestones 2025 - 2025



List of Studies



Triple-B Approach: Developing Climate-Resilient Silvofishery through Biodiversity, Blue Carbon, and Sustainable Business in Pangkal Babu, Jambi Province



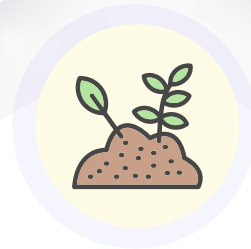
Strengthening Community Resilience to Forest and Land Fires in Jambi Area: Co-Developing Local Knowledge and Simple Tools for Sustainable and Inclusive Solutions



Ecological and Socio-Economic Integration: Introduction of Mud Crabs (*Scylla* spp.) for Mangrove Function Restoration with Community Involvement in Muara Gembong, Bekasi, West Java.



I-ENGAGE: Integration of Ecosystem Service Values to Increase Community Engagement in Mangrove Rehabilitation Programs



Sediment Deposition and Coastal Morphodynamics: Implications for Mangrove Conservation in Indramayu Coastal Zone



Sustainable Bioethanol Development from Nipa (*Nypa fructican*) SAP for Community Livelihood Enhancement in Cilacap Regency, Central Java, Indonesia



NbS-based Multi-Enterprise Forestry Governance: Analysis of Climate and Gender Justice in the Peatlands of Pasir Village