

1.1	Title of Sponsored Work	'National Mission on Biodiversity & Human Well-being Preparatory Phase Proposal'--Bioeconomy component
1.2	Name of TERI SAS Department/ Centre (s) involved	DoPS and CPGLS
1.3	Type	Research Project and Workshop
2.1	Sponsoring Agencies	Office of the Principal Scientific Advisor to Government of India
2.2	Location of work/activity	India
3.1	List of partnering Institutions involved	1. Ashoka Trust for Research in Ecology and Environment (ATREE), 2. Metastring Foundation 3. Strand Life Sciences 4. National Centre for Biological Sciences-TIFR 5. University of Agricultural Sciences-Bangalore 6. The University of Trans-Disciplinary Health Sciences and Technology 7. Nature Conservation Foundation 8. National Biodiversity Authority
3.2	Lead Partner	ATREE
4.1	Begin Date	19.09.2019
4.2	Completed or Ongoing	Ongoing
4.3	End Date	30.09.2021
5.1	Principal Investigator(s)--Internal	Nandan Nawn
5.2.	Principal Investigator(s)--External	Kamal Bawa, ATREE
5.3	Co-Principal Investigator(s) --Internal	NA
5.4.	Co-Principal Investigator(s) --External	Indrani Roy Chowdhury, JNU
5.3	Associated Researcher(s)--internal	In kind
6.1	Amount Sanctioned	In kind
6.2	Amount received	NA
6.3	In Kind support	1. Salary of two Research Fellow-Project (@47500 per month) from January 2020 till March 2021. 2. Support to workshop 3. Salary support to PI from TERI SAS
7.1	Description of work and activities	Rationale: Highly populated tropical countries face tremendous pressures in reconciling the needs for improved economic security and the protection of declining biodiversity. India is no exception and its biodiversity is under severe pressure due to complex interactions among land use change, other human economic activities, and climate change. Preservation and restoration of biodiversity is perhaps the cheapest and least risky way to mitigate the impacts of threats such as climate change, diminishing food and nutritional security, declining economy, absence of affordable healthcare, rising zoonotic diseases and lack of capacity to address these issues. There is a need for a National Mission on Biodiversity and Human Well-Being (NMBHWB) for India – which integrates biodiversity, ecosystem services, climate change, agriculture, health, bio-economy and capacity building in the realm of biodiversity science. It will include seven Programs. The Mission explicitly links research with policy-making and implementation for effective management of biodiversity with sustainable development. With its emphasis on convergence and synergies among various goals, themes and project sites, the Mission will further develop

		<p>new models for stakeholder consultations and co-production of knowledge. We posit that the NMBHWP will enable India to realize the United Nations Sustainable Development Goals and Targets while advancing India's commitments to the Paris Agreement on climate change and other international environmental conventions and treaties.</p> <p>Objectives:</p> <p>(a) Preparation of Detailed Project Report and Expenditure Finance Committee memo, followed by national level consultations</p> <p>(b) Preparation of detailed route map for implementation of the National Mission on Biodiversity and Human Well-being</p> <p>Outcomes:</p> <p>Preparation of DPR and its submission to MoEFCC, which has been approved by the hon'ble Minister.</p>
7.2	Project Reach, engagements and beneficiaries, if applicable	NA
8.1	List of Publications including dissemination through social media	<p>Journal:</p> <p>(a) 'Securing biodiversity, securing our future: A national Mission on biodiversity and human well-being for India' Biological Conservation 253: 108867</p> <p>(b) 'Biodiversity-focused Development Ways to Sustain Human Well-being' Review of Environment and Development, Economic and Political Weekly, LV (49): 27-28</p> <p>(c) 'Envisioning a biodiversity science for sustaining human well-being', Proceedings of the National Academy of Sciences of United States of America 117 (42): 25951–25955</p> <p>(d) 'Review of Environment and Development', Theme: Biodiversity focussed development pathways to sustain and augment human well-being, Fourth Issue, Economic and Political Weekly, LV (49): 27-59</p>
8.2	Links to Events page, if any	TBA
9.	Executive Summary and other documents	