Template for R&D/Innovation Intervention

(To be filled by industry)

Details of the Company
Name :
Sector :

Details of the Challenge

Sector	:	Sustainability
Objective	:	Exploring joint research and joint implementation opportunities
Description	:	Bioremediation research institutes / companies research, develop and manufacture proprietary solutions of living organisms, like microbes and bacteria, in the removal of contaminants, pollutants, and toxins from soil, water, and other environments. Standardization of microbial cultures, increasing the efficacy and growth of microbes and their enzymes, development of cost-effective bioremediation solutions, industrial scale production of bacterial solutions, and their application in treatment of polluted environment or management of waste are the major activities of bioremediation research institutes / companies. Common application areas are developing dried microbial products for agriculture, oil spills and waste management.
Category (Select One)	:	2. R&D Project
Selected category details	:	a) Fixed Cost b) Operational Cost

Tentative Budgets		
Timelines	:	April 22 2022
Expected Outcomes	:	Joint research and joint implementation opportunities
Other Details	:	a) Are Joint Proposals Allowed - Y b) Are multiple submissions allowed? - No c) Project Coverage (Regional/Pan -India) – Pan-India
Format	:	a) Word Limit if any - None b) Template if any – none
Technology Readiness Level	:	A panel of expert environmental microbiologists and molecular biologists are some members of these research institutes / companies utilizing a minimum of BSL-2 level lab facilities with anaerobic and aerobic bioreactors for large scale production of microbial solutions. In addition, these organizations have resources to procure different microbial strains and bioengineer them
Shortlisting Procedure	:	Organizations that have the above technology / capability readiness will be shortlisted for further deliberations.
IPR Ownership (Patenting Pattern)	:	

Details of Current/Previous Industry Academia Collaboration