

FAQs for Integrated Technology Interventions for Sustainable Environment Call

What are the theme areas of the call “Integrated Technology Interventions for Sustainable Environment”?

The proposals under the call should stick to themes areas within water, energy and air only.

Is the call seeking proposals for R&D or Technology Development?

No, the call is not seeking proposals for R&D or Technology Development. The call primarily deals with study of prevalent energy, water and air related challenge in any geographical location of the country and deployment appropriate technology (indigenous/ ready to deploy) to address that challenge.

What is the number of Interventions that will be supported and what is the cost of each Centre?

Initially, it proposed to support 20 Intervention Centres, however, the final number is dependent on how many proposal meet the call criteria. The cost of each centre may vary depending upon the population size of the area in question, nature and enormity of the challenge being addressed.

What should be typical population size for each Centre to address a challenge?

Population size may range from 150-500 people per unit and multiples thereof depending on the total population of that particular place/region in question. Sustainability of intervention post project will be key factor irrespective of population size.

What are the technologies that can be deployed?

Both commercial technologies emanating from indigenous research led efforts and ready-to-deploy technologies emanating from indigenous research led efforts related to energy, water and air can be employed to address the challenges. The technologies should meet the benchmarks in term of cost, quality and performance when implemented at scale.

Is the proposal required to be submitted in consortium mode? Who can lead consortium?

Yes, the proposals have to be submitted in consortium mode only. The consortium should essentially include at least a user having stake and interest in the intervention, a solution designer and a solution provider. The consortium is to be lead by faculties/scientists working in regular position in recognized Academic Organization /Public funded R&D Institution/ Laboratories.

Who all can be part of the consortium?

Central Government / State Government supported or recognized (Public or Private) academia, National / State funded R&D Labs in partnership with S&T based voluntary organization, DSIR recognized SIRO organization, autonomous central and state government agencies, etc may form consortium. Financial and technical participation of corporate houses

as part of their CSR activities under Section 135 of the Companies Act 2013 will also be encouraged.

Can solution designer and provider be from the same institute/ organization?

The role of solution designer and provider can be assumed by the same organization, if the organization has required expertise and experience.

Are State S&T Council allowed to participate as consortium member?

Yes, State S&T Council are eligible to participate as consortium member.

Can Corporates participate as consortium member?

Financial and technical participation of corporate houses as part of their CSR activities under Section 135 of the Companies Act 2013 is welcome and will be encouraged.

How should the proposal be formulated?

The consortium is expected to identify and study the site/region of choice and scout for matching/ appropriate technology solution/s to address the challenges. The proposal should have engineering, optimization and configuration plan for the proposed work package, based on feasibility study of site.

Can a proposal address only one theme area i.e. Energy or water or Air alone?

No, the call is for integrated technology interventions for sustainable environment, hence the proposal is required to address at least 2 themes.

What is the typical size of funding for the project?

The cost of the project commensurate with the activities planned. The cost of the project may range from 50 -500 lakh based on the activities planned.

Are there any preferential locations for intervention?

Yes, the locations having scheduled castes/scheduled tribe population greater than 48% and those in aspirational districts identified by NITI Aayog will receive priority provided there is definite need and demand for intervention. The areas severely affected by challenge will also receive preference.

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