



R&D/Innovation Intervention

(To be filled by industry)

Details of the Company

Name : HERE Technologies
Sector : Mapping & Location Services

Details of the Challenge

Sector : Geospatial Center of Excellence (GCE)

Objective : *Enhancing the way people, enterprises, governments & academia's work together using Geospatial Intelligence to develop a digital representation of reality, improving the utilization of assets and lowering environmental footprint.*

For humanity to sustain and thrive on our planet, we need to use space, time, and resources much more effectively. We can only do this by optimizing every individual use case and by improving collaboration. Location data and technology are critical in achieving these goals. Together, we need to develop solutions to many of the biggest challenges facing humanity today.

The roles the CoE can play –

- Provide a forum for geospatial domain experts to share best practices, do research and solve real world problems.

Description :

- ❑ Discover a new direction for navigation and connected services
- ❑ Manage & optimize the last mile of deliveries
- ❑ Optimize mobility operations and create an undisrupted travel experience by connecting all modes of transport
- ❑ Build cloud-based navigation solutions with unrivalled location technology
- ❑ Make automated driving systems safer and more comfortable with location data
- ❑ Measure crowd density at POIs or any area in general that the user searches for with the help of a heat map layer
- ❑ Make cost-effective 5G planning decisions confidently with submeter geometric and geospatial precision coverage
- ❑ Supporting EV ecosystem in India

- develops standards used throughout the geospatial industry when products are being developed and tested.
- be the knowledge base of the geospatial industry regarding new innovations and/or product development.
- Geospatial awareness & literacy
- Research in Geospatial field for future readiness & advancement, subsequently generating IPR
- Nurture a community of Geospatial experts
- Policy formation on Geospatial industry requirements

**Category
(Select One)**

- :
1. Innovation
 2. R&D Project
 3. **Centre of Excellence (CoE)**

**Selected category
details**

**Tentative
Budgets**

- :
- a) Fixed Cost & operational cost : Budget can be finalized basis the project approvals. We are open to collaborate with more industry players to create a sustainable long term CoE

**Timelines for
Project**

- :
- Preference is for projects with a time span of 6 months to 2 years

**Expected
Outcomes**

- The idea / problem statement should cover some of those areas:
- Concept statement
 - Business Value Proposition
 - Working prototypes with implementation details
 - Design and Technical Architecture
 - Feasibility analysis
 - Assumptions & dependencies
 - Project milestones & timelines

Other Details

- :
- Joint Proposals will be allowed
 - Multiple submissions will not be allowed
 - Project Coverage could be Regional, Pan -India or Global.
 - CoE can merge or Demerge proposals to build necessary theme

Format

- :
- a) Format should cover the expected outcomes mentioned above

**Technology
Readiness Level**

- :
- Project team should be well equipped with the technology and should bring in expert knowledge in the domain. Evidences should be submitted in support of this.

(Following are few selections parameters based on assumptions that the above-mentioned objective and outcomes are valid)

Shortlisting Procedure :

- Review of project proposal will be done by an appointed team from Here Technologies
- R&D capabilities of the institute (experience on geospatial domain)
- Years of research experience in the Geospatial domain

IPR Ownership (Patenting Pattern) : (HERE Technologies patenting process to be followed – will need Legal team inputs)

Details of Current/Previous Industry Academia Collaboration

Symbiosis Institute of GeoInformatics (SIG)

For a healthy growth of spatial ecosystem in India, one of the key essentials is collaboration between academia and industry. HERE Technologies and Symbiosis Institute of Geoinformatics, Pune have been working together and explored common synergies and areas of collaboration. HERE Technologies is glad to partner with Symbiosis Institute of Geoinformatics and work for a better spatial ecosystem in India.

HERE and SIG are working together to create and onboard a technologically advanced module of HERE offerings in SIG's post-graduation curriculum. This will help students of SIG get a sneak peak of some of the latest technology/platform from spatial industry.

Both the organizations are, and will continue to brainstorm and determine further areas of collaboration in future.

Currently topics chosen for this curriculum include HLS, Live Sense and XYZ in agreement with Product management and Product Marketing teams

The content is subjected to get revised based on the current requirement from Symbiosis

Industry collaboration

Out of the many startups that we connected with as a part of NIPP (Nasscom Industry Partnership Program), we actively collaborated with Cleanslate, Far EYE and Zophop in 2020.

Here Technologies is closely associated with NASSCOM and is involved deeply in its GCC collaboration expansion and Product skilling initiatives

Here Technologies has been actively contributing in terms of mentorship and jury requirements for Smart India Hackathon for past many years.