

**Expression of Interest
On
India-Spain Joint Call For R&D&I Projects 2024
Under
INDIA – SPAIN PROGRAMME OF COOPERATION ON INDUSTRIAL RESEARCH AND DEVELOPMENT**

1. Company Name: Geovale Services Pvt. Ltd.

2. Company Profile: Geovale Services Pvt. Ltd., established in 2013, is a multidisciplinary natural resource consulting company based in India. With a strong focus on water resource management, hydrogeology, geospatial analytics and digital solutions, Geovale specializes in end-to-end services ranging from resource mapping and monitoring to integrated digital platforms for water governance. Geovale has led national-scale projects for the state water authorities, private sector clients, and has pioneered innovative technologies for urban and industrial water sustainability. The company is now leveraging AI, IoT, GIS, and simulation technologies to build next-generation platforms like digital twins for smart urban water management, enabling predictive analytics, real-time monitoring, and decision-support systems for utilities and policymakers. Through its IP-driven model, Geovale aims to transform urban water governance and resilience in India and other developing economies.

3. Country (India/Spain) : India

4. Sector and subsectors: Natural Resource Management, Water Resources Management

5. Year Established: 2013

6. Contact Information: Biplob Chatterjee

7. First Name: Biplob

8. Last Name: Chatterjee

9. Email Id: biplob.chatterjee@geovale.com

10. Phone Number: +919007706145

11. Website: <https://geovale.com/> ; <https://geovalehydro.com/>

12. Proposed Area of Application: Water Resources Engineering

13. Proposed Project Summary: Development of Smart Water Resources Management

14. Main characteristics and specific technological expertise of potential partner you are looking for:

Geovale seeks a Spanish partner with demonstrated expertise in:

- **IoT-enabled sensor technologies** for smart water metering, pressure/flow monitoring, and groundwater telemetry.
- **AI and machine learning models** for urban utility optimization – especially in leak detection, consumption forecasting, and infrastructure anomaly detection.

- **Smart city water systems implementation** – prior experience with urban water governance platforms, SCADA integrations, and citizen-facing dashboards.
- **Simulation modeling capabilities**, including hydraulic and hydrogeological modeling for digital twin integration.
- **Cyber-secure cloud platforms** for real-time urban data integration and analytics.

Ideal partners would be technology SMEs, research organizations, or consortia with a track record in EU smart city initiatives, preferably with experience in R&D co-development and deployment in urban infrastructure. The partner should also be open to co-creating IP, knowledge transfer, and joint commercialization in India and Europe.

15. Are you interested to pitch your company & project at our upcoming India – Spain meets? **YES**

Match Making Event 1: Online

Match Making Event 2: Online

The information collected in the interest form will only be used for the match-making activities to India-Spain Joint Call For R&D&I Projects 2024(DST-TDB – CDTI CALL FOR PROPOSALS UNDER THE INDIA – SPAIN PROGRAMME OF COOPERATION ON INDUSTRIAL RESEARCH AND DEVELOPMENT)
