

**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: **SSRAS Safety and Risk Services Private Limited**

2. Company Profile:

SSRAS Safety and Risk Services Private Limited is a research and development firm dedicated to solving complex problems in reliability and safety analysis in structural engineering. The company specializes in **structural health assessment, safety audits, residual life estimation, design life expansion, structural retrofitting, corrosion maintenance, and seismic risk analysis**. By integrating cutting-edge methodologies and advanced analytical tools, SSRAS aims to enhance the resilience and longevity of infrastructure, ensuring safer and more sustainable built environments.

3. Country (India/Spain): INDIA

4. Sector and subsectors:

- Engineering Consultancies and Firms
- Construction and Infrastructure Development Firms
- Government Agencies and Regulatory Bodies
- Marine Industry
- Research Institutions and Academia

5. Year Established: 2024

6. Contact Information:

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11. Website: <https://ssras.com/>

12. Proposed Area of Application:

Innovative Retrofitting Strategy for Infrastructure Resilience

13. Proposed Project Summary:

This study explores innovative retrofitting methods to enhance the safety and durability of buildings exposed to extreme conditions. It examines new materials and techniques that can improve structural protection in existing buildings, making them more resistant to environmental and mechanical stresses. The research also investigates how these retrofitting solutions perform under challenging conditions, ensuring they provide reliable protection over time. By analyzing materials at a microscopic level, the study aims to understand their durability and effectiveness in preventing structural failures. Additionally, it evaluates the overall performance of these techniques in real-world scenarios, considering factors like cost, sustainability, and ease of implementation. The findings will help develop better safety strategies, ensuring stronger, more resilient buildings capable of withstanding various hazards effectively.

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

We are looking for expertise in either Material Science or Structural Engineering in academic and industrial sector.

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

Yes

Match Making Event 1: Online/Off-line Mode

Match Making Event 2: Online/Off-line Mode

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)
