

**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:Vedasya Engineering Solutions.....
2. Company Profile:Prepreg machines, Towpreg machines, Towpregs, composite pressure vessels.....
3. Country (India/Spain) :India.....
4. Sector and subsectors:Aerospace, Energy, defence.....
5. Year Established:2022.....
6. Contact Information:sg.pattapu@vedasyaengg.in.....
7. First Name :.....Shiva Goutham Kumar
8. Last Name:Pattapu.....
9. Email Id:.....sg.pattapu@vedasyaengg.in.....
10. Phone Number:.....7386324544.....
11. Website:https://www.vedasyaengg.in/.....
12. Proposed Project Summary: The demand for towpregs (thermosets and thermoplastic) is huge as these materials has advantage than currently used manufacturing technologies such as wet winding/ vaccum infusion processes. The applications range from Launch vehicles, storage tanks for hydrogen, cng, satellite parts, automotive components, etc. Inorder to meet these applications requirements, 1) a high quality and efficient towpreg machinery is required which vedasya can successfully develop and 2) Development of PEEK/ epoxy resin system with high Tg, compatible with carbon fibres, gelation properties with respect to time is required. We are looking for a Spanish company who can successfully develop point 2 i.e. resin systems. We strongly believe together with the support of respective governments, we can capture huge markets and develop innovative, strong IP related product.

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

Development of epoxy/ PEEK resin systems for carbon fibre compatibility for filament wound applications, Thermoset/Thermoplastic tapes. Strong knowledge in resin chemistries, resin-fibre adhesion.

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

Match Making Event 1: Online/Off-line Mode – Off-line

Match Making Event 2: Online/Off-line Mode- Off- line

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)
