

## Expression of Interest

**India – Sweden Collaborative Industrial Research & Development Programme 2025**

### Company Information

1. Company Name: Pavakah Energy Private Limited
2. Company Description: Pavakah Energy is a material science start-up developing next generation solar energy technologies. We are a team of scientists and energy market professionals. We are developing nanotechnology based thin film technology that can convert any surface into a solar panel. Our innovation is a combination of material preparation and printing mechanism. This solution offers users the flexibility to realise the potential of solar energy by applying on rooftops, vertical walls, slanting surfaces, and any other low load bearing surfaces. Our thin film not only generates clean energy, but it also blocks UV and IR actively so that the cooling energy requirements are lowered. Our focus sectors are - Material science, Nano materials, Nano electronics, and Fabrication of thin film solar.
3. Country (India/Sweden): India
4. Sector and subsector: Material Science, Clean energy, Renewable Energy, Nanotechnology
5. Year Established: 2022
6. Company Website: <https://www.pavakahenergy.com>

### Contact Information

1. First Name: Kapardhi
2. Last Name: Bharadwaj
3. E-mail: [kapardhi@pavakahenergy.com](mailto:kapardhi@pavakahenergy.com)
4. Phone Number: +91 7028010131

Proposed Area of Project/ Proposal: Thin film solar fabrication, flexible thin film solar, Building Integrated Photovoltaics

Summary of the Proposed Project/Proposal: We are looking to jointly develop applications for Building Integrated Photovoltaics

Main characteristics and specific technological expertise of potential partner you are looking for: Fabrication of Thin Film Solar, Printing solar panels.

\*\*\*\*\*