



## Co-operation profile details from Enterprise Europe SEIMED

### TRIN20150706001 - Low cost small wind energy solutions for residential and commercial applications Technology collaboration REQUEST

#### Abstract

An Indian company that is globally engaging and a pioneer in introducing technologies in various areas of clean tech and green energy. The company is looking for manufacturing tie up and technology collaboration to commercialise their patent pending vertical small wind turbines and axial flux generator. The partner is expected to form a joint venture or manufacturing agreement or technical cooperation or reasearch greement, infuse equity, provide technical expertise in manufacturing.

#### Description

The Gyroscopic Axial Flux Turbine (GAFT) is used for low cost rural electrification applications, where local energy production from small wind turbines, hydro turbines, tidal turbines are considered. It is capable of converting to automobile motor also due to its design.

GAFT converts kinetic/ mechanical energy into electrical energy in the most efficient way which makes it a fuel-less device. Permanent magnets placed on twin gyroscopic disc which rotates in proximity of magnetic wire which also uses the flywheel inertia in order to generate energy efficiently in wind turbines, hydro turbines, tidal turbines, automobile, etc.

It is looking for EU companies who have expertise in this field and who are already in the forefront of cutting edge technology in renewable energy in the form of joint venture, manufacturing of specialized components for these systems and technical cooperation agreement to provide technical expertise. The company can also provide cost efficient manufacturing facility.

#### Target partner expertise sought:

- Type of partner sought: The company is seeking an established EU partner with expertise in areas of manufacturing of specialized components of small wind turbine systems and axial flux generators.
- Specific area of activity of the partner: The EU company should be willing to form a joint venture or manufacturing agreement or technical cooperation agreement with the Indian company, infuse equity, provide technical expertise in manufacturing of specialized components of small wind turbine systems and axial flux generators.

#### Key information:

Country of origin: INDIA, REPUBLIC OF

Listed under: Energía \ Medicine and Health \ Aeronáutica y espacio \ Social, Economic and Education Issues

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