

# 3<sup>rd</sup> Danube Financing Dialogue



**SC SIGMA STAR SERVICE SRL** is a small research and micro-production company which operates in Romania since 1991. The company has experience in a diverse range of industries: civil and industrial constructions, renewable energy, environmental protection, agriculture, automotive sector and nuclear power.



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## Solar wind power plant for green ports

#### Company/Institution RO

SC SIGMA STAR SERVICE SRL

#### Project description

For over 15 years we have researched and developed solutions for renewable energy storage in an efficient and eco-friendly way. The new power plant design consists of a main central unit with the capacity to efficiently collect solar and wind energy from the site, store the energy and reuse it. The main unit can be connected with secondary specialized units (existent or new ones), based on the potential of renewable energy in the plant vicinity. This plant can be used as back-up solution.

#### Project goal

The goal of the project is to gather and store renewable energy in an efficient and environmental friendly way and provide it to users on demand.

#### Beneficiaries and target groups

The beneficiaries of the project are small communities and/or isolated communities. The project can also be implemented on a larger scale and can be connected to the national power supply system.

#### Constraints and risk appraisal

We have encountered financing constraints and constraints in obtaining approval papers.

#### Type of financial product searching for

- Grant
- Microfinance
- Other

#### Sectors

- Energy
- Environment
- Innovative technologies, agriculture and rural areas
- Urban technologies and green business

#### Countries engaged in the project

- Austria
- Bulgaria
- Germany
- Moldova
- Romania
- Serbia
- Slovenia