

# Interregional partnership for Smart Specialisation on **SOLAR ENERGY**



## Leaders

Led by **Extremadura** (ES) and **Alentejo** (PT), the partnership engages the participation of

**11** REGIONS AND MEMBER STATES

The aim of the partnership is to increase the implementation of the cooperation mechanisms set up under the RES Directive across Europe, promoting electricity exports from solar technologies from Southern to Central and Northern European countries.

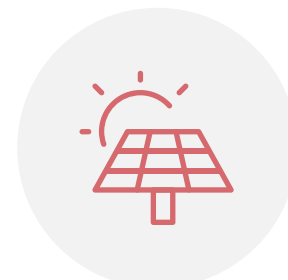
**Alentejo (PT)**

**Extremadura (ES)**



## Reference topics

An interregional partnership for solar energy and Smart Specialisation is currently working on **4 different Projects**



### FOAK Plant: A **large-scale Sustainable Energy Technology**

(SET) First of a kind (FOAK) project: Concentrated Solar Power (CSP) Plant hybridised with Photovoltaic (PV) including storage to provide fully dispatchable power and to allow for more flexible generation

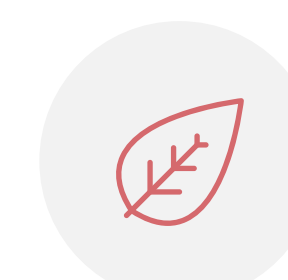


### Research:

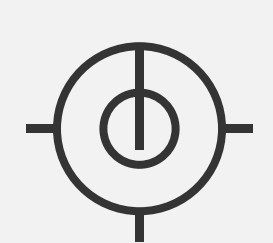
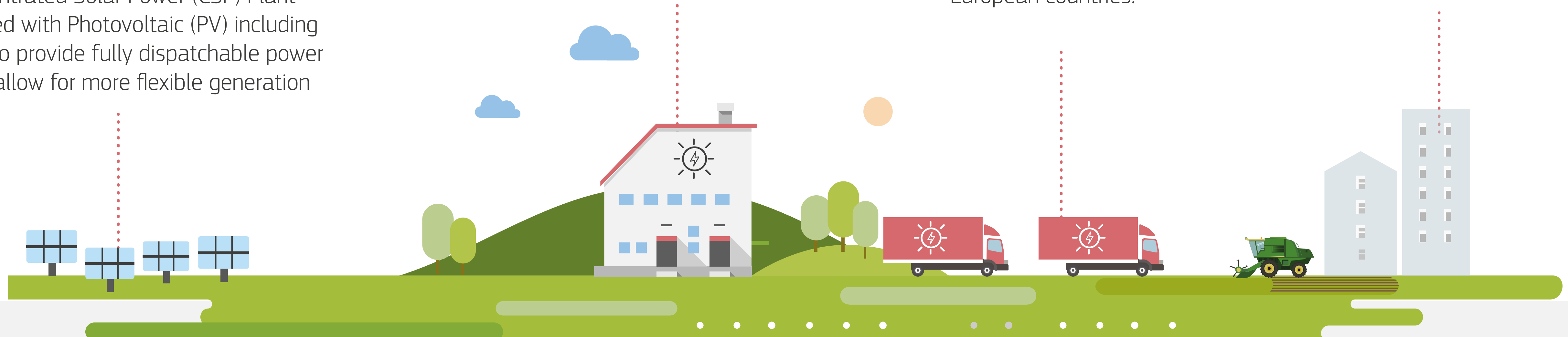
A solar technologies research facility



Use of **Cooperation** mechanisms to export solar energy from Southern to Central / Northern European countries.



Use of medium temperature solar energy in the **agro industry**



## Key factors

1

European CSP Industry is the **worldwide leader** along the full CSP value chain.

2

Solar energy is one of the main **carbon-free energy** sources leading the shift to a European low carbon economy.

3

Solar energy import/export across EU borders is needed to **fulfil the EU energy** and climate targets. According to the Paris Agreement, more than 80% of electrical energy must come from low carbon sources by 2050.

4

The solar partnership is **open to European regions** with common interests.

5

Working on signing an agreement, specialised in solar energy across EU.

