



Envisioning and testing new models of sustainable energy cooperation and services in industrial parks



Borealis, Linz (Austria)



Bidosola, Artea (Spain)

S-PARCS presents a sound concept for reducing energy costs and energy consumption in industrial parks, while, at the same time, increasing renewable on-site energy production. The pre-assessment of seven “Lighthouse Parks” in Spain, Portugal, Italy, and Austria, which participate in the study, has shown a high potential for joint energy actions, many of which are transferrable to the community of S-PARCS Followers in the UK, Sweden, Turkey, Russia, Italy, Portugal, Austria and Norway. 5 research organisations, 1 engineering company and 1 industrial association will make their knowledge on suitable technologies, novel business models and cooperative action among companies available to the parks to help them develop an “energy cooperation plan”. The identification of relevant financial, legal and organizational barriers to joint energy action in the parks – and ways of overcoming them – will make a valuable contribution to policy-making on regional, national and European level.



OBJECTIVES

Objective 1: Increase the competitiveness of enterprises by developing, testing and deploying replicable instruments for energy cooperation in real world environments

Objective 2: Develop, test and deploy replicable business models for joint contracting of energy services for industrial parks

Objective 3: Contribute to the creation of legal and regulatory frameworks that accelerate and facilitate the adoption of innovative instruments for energy cooperation and feed insights into political debates

Objective 4: Build capacities and increase the skills and competencies of players from EU industrial environment



ACTIVITIES

S-PARCS will notably implement the following activities during the project:

- 1) State of the art of energy cooperation in industrial parks - solutions, opportunities and barriers will be identified
- 2) Envisioning innovative instruments and business models for enhanced energy cooperation
- 3) Development of the “Industrial Park Service Initial Assessment Tool”
- 4) Support Industrial Parks for enhancing energy cooperation



Cuoiodepur, San Miniato (Italy)



Ennshafen, Enns (Austria)



Adral, Vendas Novas (Portugal)



Okamika, Gizaburuaga (Spain)



RESULTS

The project S-PARCS intends to be a hub for industrial parks, which aim at increasing energy efficiency and competitiveness by enhancing energy cooperation. S-PARCS fully acknowledges that different parks are at different stages on their way to boosting their energy efficiency and competitiveness through such innovative solutions. Accordingly, the parks require different types of support actions with varying levels of intensity and concreteness. Therefore, at the end of the project, all Lighthouse parks will be equipped with a free ICT tool supporting their decision-making processes on joint investments, a full feasibility study for the most promising cooperative project as well as a strategy for longer-term actions.

CONTACT US

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