



Market Uptake of Solar Thermal Electricity

MUSTEC KEY OUTPUTS

MUSTEC was launched in October 2017, funded by the EU Horizon 2020 program. MUSTEC's aim was to explore and propose concrete solutions to overcome the barriers that hinder the deployment of solar thermal electricity (STE) and concentrated solar power (CSP) projects in Southern Europe which are capable of supplying renewable electricity on demand to Central and Northern Europe.

After 42 months of intense, collaborative research work, MUSTEC has reached its end. A great number of outputs and scientific publications have been produced over this period.

An overview of MUSTEC key results and scientific publications is provided below:

- ◇ A synopsis of the relevant framework conditions for a possible development of CSP cooperation projects in Europe until 2030 and crucial steps required to allow for this transition are presented on "[Roadmap for collaborative CSP development in Europe](#)" report.
- ◇ A more detailed description of the individual measures, with in-depth recommendations for specific policy measures for the support of CSP cooperation projects in Europe are presented on "[Action Plan and policy recommendations for collaborative CSP development in Europe](#)" report. All other reports produced are accessible [here](#).
- ◇ 9 scientific publications based on MUSTEC research outputs in peer reviewed journals, with open access or green open access ensured. An overview of all the produced papers is available [here](#).
- ◇ Participation in 12 international conferences, among which SOLARPACES, as well as an additional number of 13 workshops, info days and other events.
- ◇ Organisation of the Final Conference and 3 workshops.
- ◇ Production of 4 [Policy Briefs](#), covering a broad spectrum of topics, such as obstacles to CSP mechanisms, policy pathways for Spain's energy transition, policies for CSP deployment, as well as geopolitics for CSP deployment.
- ◇ Production of 2 videos on MUSTEC [Results](#) and [Roadmap](#).

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In the light of the EU 2030 Climate and Energy framework, MUSTEC aims to explore and propose concrete solutions to overcome the various factors that hinder the deployment of STE / CSP projects in Southern Europe capable of supplying renewable electricity on demand to Central and Northern European countries.

MUSTEC Final Conference



The Final Conference of the “Market Uptake of Solar Thermal Electricity through Cooperation” MUSTEC project was successfully conducted online on 22nd of March 2021 with more than 120 attendants. An overview of the key outcomes, ending with the presentation of the MUSTEC Roadmap and Action Plan for CSP Collaborative projects, was realized. The presentation slides are available on the [MUSTEC website](http://mustec.eu/).

During the Panel Discussion on the Future of CSP Collaboration Projects in Europe, the invited panelists exchanged among others on the benefits of collaboration projects for the European energy system and CSP technology, on the possibilities of the host regions to support the projects’ implementation, as well as of the CSP industry’s willingness to take part in the implementation of such projects.

Overall, it seems that collaborative projects offer an opportunity that triggers the interest of both the host and off-taker countries, as well as the CSP industry, although there are still a number of issues that need to be addressed.

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