



PhD on Innovation Pathways for TES

Acronimo: **INPATH-TES**

Call: **H2020-LCE-2014-2**

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Abstract: Following the EC SET-Plan Education and Training Roadmap, the concept of this project is to develop a joint PhD programme between universities and research centres, on the topic of Thermal Energy Storage (TES). The goal of INPATH-TES (funded under the framework of the Horizon 2020 European research and innovation workplan, "Call: H2020-LCE-2014-2, Topic: LCE-20-2014, Type of action: CSA) is to create a network of universities and research institutes to implement a joint PhD programme on TES technologies. The final result of such a network is to educate professionals on these technologies for the European research and industry institutions. The consortium includes 14 universities that will implement the joint PhD programme, two research institutions (AIT and PROMES-CNRS), three companies and two SME (Arcelik, Abengoa Solar NT, KIC InnoEnergy, UFP and LAIF), that will cooperate in defining the programme and in its implementation and deployment. The specific objectives of the project will lead to the qualification of professionals for the European research and industry institutions, bringing Europe to continue being leaders in these technologies. The partners in the proposal will be the core of a future larger network of excellent R&D institutions, and industries for co-funding and industrial placement, sharing infrastructure capacities, and enhancing mobility of students. The overall approach of the project involves a work plan divided in six work packages, being either coordination or support activities. Coordination activities: WP1 – Management and coordination; WP3 – Developing, maintaining and updating a PhD programme in TES; and WP4 – Implementation of the PhD programme in TES. Support activities: WP2 – External communication and dissemination; WP5 – Stakeholder involvement and extension of partnerships; and WP6 – Framework for monitoring and evaluation of INPATH-TES as well as IPR and regulatory issues. This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 657466 (INPATH-TES). University of Perugia participates to INPATH-TES with the CRB -research center for biomass.