
Title of the project: ECF4CLIM - A European Competence Framework for a Low Carbon Economy and Sustainability Through Education

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Area: Analysis, Management and Evaluation of Public Policies.

What

The objective of this project is to develop, test and validate a European Competence Framework (ECF) for transformational change, which will empower the educational community to take action against climate change and towards sustainable development.

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Who

José Espluga (IGOP-UAB); Ana Prades and Yolanda Lechón (CIEMAT) (PI).

Why

The project highlights the key role of citizens and their active involvement in the combat against climate change and towards sustainable development, as well as the importance of education, awareness-raising, citizen science, monitoring of impacts, social engagement and innovation in facilitating the engagement of citizens in these efforts. The impact of education can be multiplied when students act as ambassadors who champion sustainability within their networks. To facilitate such action, a competence framework embracing knowledge, skills, attitudes and social practices towards combating climate change and promoting sustainability is needed.

How

The project aims to engage students, teachers, and the wider educational community in contributing to climate action and fostering transformational change towards sustainable development in the spirit of 'citizen science'. We will do so by providing and codesigning with the educational community the tools (the competence framework, applications, platforms, etc.) that enable these various actor groups to change their personal and collective behaviours, habits, routines, and social norms in order to foster sustainable development, in particular with a view to combating climate change.

The methodology is based on an hybrid approach combining and integrating elements from participatory action research, practitioner research, citizen science, citizen engagement, deliberative will formation, crowdsourcing, and theory-based evaluation. This hybrid approach will guarantee that, for each group within the (wider) educational community, the most suitable participatory strategies and tools are implemented. ECF4CLIM will also design and implement practical, replicable and scalable climate change and sustainability interventions co-designed with the educational community.

When

Start date: 2021-10-01 / End date: 2025-09-30.