

Research topic: Analyzing narratives on the energy transition (LIVEN3)

- Research line: Sustainability modelling for the ecological transition
- Research group: Sostenipra

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Supervisors:

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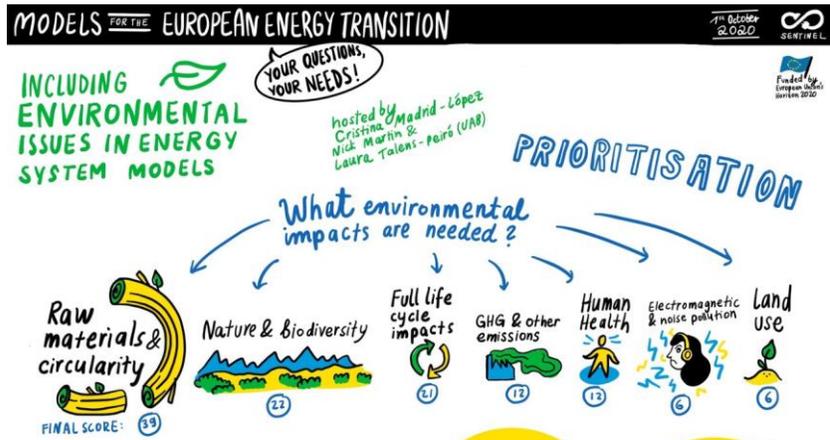
Dr. Cristina Madrid López (ICTA-UAB)



Many parameters can influence the modelling of Energy Systems and the value of those depends on the narrative guiding the modelling. It is important to **understand different narratives associated to the energy transition.**

In this Master Thesis, the student will **analyze two main narratives about the Energy transition in Spain** (policy-driven and people-driven). And identify how they affect the inclusion of issues like biodiversity loss or water scarcity in energy modelling and policy.

The student will work within the **LIVEN project**, where we co-develop with decision-makers and stakeholders open access software to **assess the socio-environmental impacts of the energy transition** in Spain at national, regional and local levels. LIVEN has the form of a living lab with participants from different sectors and an international advisory board.



Main goal: Identifying socio-environmental information needs for energy modelling and policy-making under different narratives

MAIN TASKS:

- 1) Literature review about energy transition narratives and environmental impacts
- 2) Content analysis of Energy-related policy documents
- 3) Collaboration in survey about energy transition perceptions
- 4) Creating a dataset of environmental parameters to be included in Energy models
- 5) To write a peer-review paper for submission in a peer-review journal.