



## TULE

### Transition towards an Emissions-Free University campus Sustainable use and management of natural resources



TULE is the acronym for “Transición hacia una Universidad Libre de Emisiones” whom translation in English is “Transition towards an Emission-Free University campus”.

TULE is an interdisciplinary research community that aims to create new collaborative spaces that stimulate the exchange of knowledge and experience between researchers. Thanks to these new forms of collaboration, TULE seeks to design one or more transformative actions promoting the sustainable use and management of natural resources on UPM campuses.
















#### Objectives:

- Align UPM’s research and innovation with the new European framework.
- Contribute to achieving global agreements, like the Sustainable Development Goals, and local commitments, like the UPM 2030 Decarbonization.
- Increase the visibility of UPM’s research in topics that are critical and relevant for the international agenda.
- Strengthen the creation of multistakeholder partnerships which enable the University to develop scalable solutions that are necessary for city transformation.

#### Information of interest:

- We work under the new European framework, focusing on the role that cities can play in the ecological transition and the importance of citizen engagement.
- Our actions are related to mitigation and adaptation to climate change.
- We promote multidisciplinary and interdisciplinary research by bringing together researchers with different expertise and backgrounds and ensuring these characteristics are embedded in how design and listening processes are implemented.
- We rely on existing spaces located inside and outside the University to increase the research visibility and improve the replicability of the results.

**Know our team on social networks:**

TULE		<i>Team account</i>	
José Ramón Aira	ETSAM		 
Sergio Álvarez	ETSICCP		 
César Bedoya	ETSAM		
Estefanía Caamaño	ETSIT		
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Jesús Fraile	ETSIT		 
Sergio González	ETSIMFMN		
Ricardo Granizo	ETSIDI		
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Alberto Sanz	ETSIAAB		
Louise-Nour Sassenou	ETSAM	<i>Coordination team</i>	 
Javier Vázquez	ETSAM		 
Pedro Zufiria	ETSIT		

## TEAM

23 Researchers

7 Schools

2 UPM Campuses

## OBJECTIVES

- I Promote the sustainable use and management of natural resources on UPM campuses
- II Design a transformative action that stimulate the collaboration between researchers
- III Attract national and international funding in order to apply this transformative action within the campus



**TRANSITION**towards  
**anEMISSIONS-FREE**  
**UNIVERSITY**campus

## Four lines of research

- Energy and climate change
- Changing habits in the university community
- Transformation of urban space and quality of life
- Cross axis

One of the **9 communities** launched in **May 2020** by the research Vicerectorate for a **period of 3 years**