# WASTE TO ENERGY: WASTE VALORIZATION TOWARDS ENERGY GENERATION

## CIVIS THEME: CLIMATE, ENVIRONMENT AND ENERGY

### MAIN TOPICS:

- Fundamental and practical aspects for the treatment and simultaneous valorisation of waste and wastewater towards energy and chemicals generation as part of the circular economy
- Combined chemical-biological processes for the conversion of waste biomass resources into biofuels

### MAIN OUTCOMES:

- Learning methods for the analysis and characterization of (waste)water
- Skills on main biotechnological processes for waste and wastewater treatment and valorisation as both secondary resources and energy carriers
- Knowledge of techniques to study the sustainability of the conversion and its economic viability


*PROFESSORS*

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