

# Kimmeria

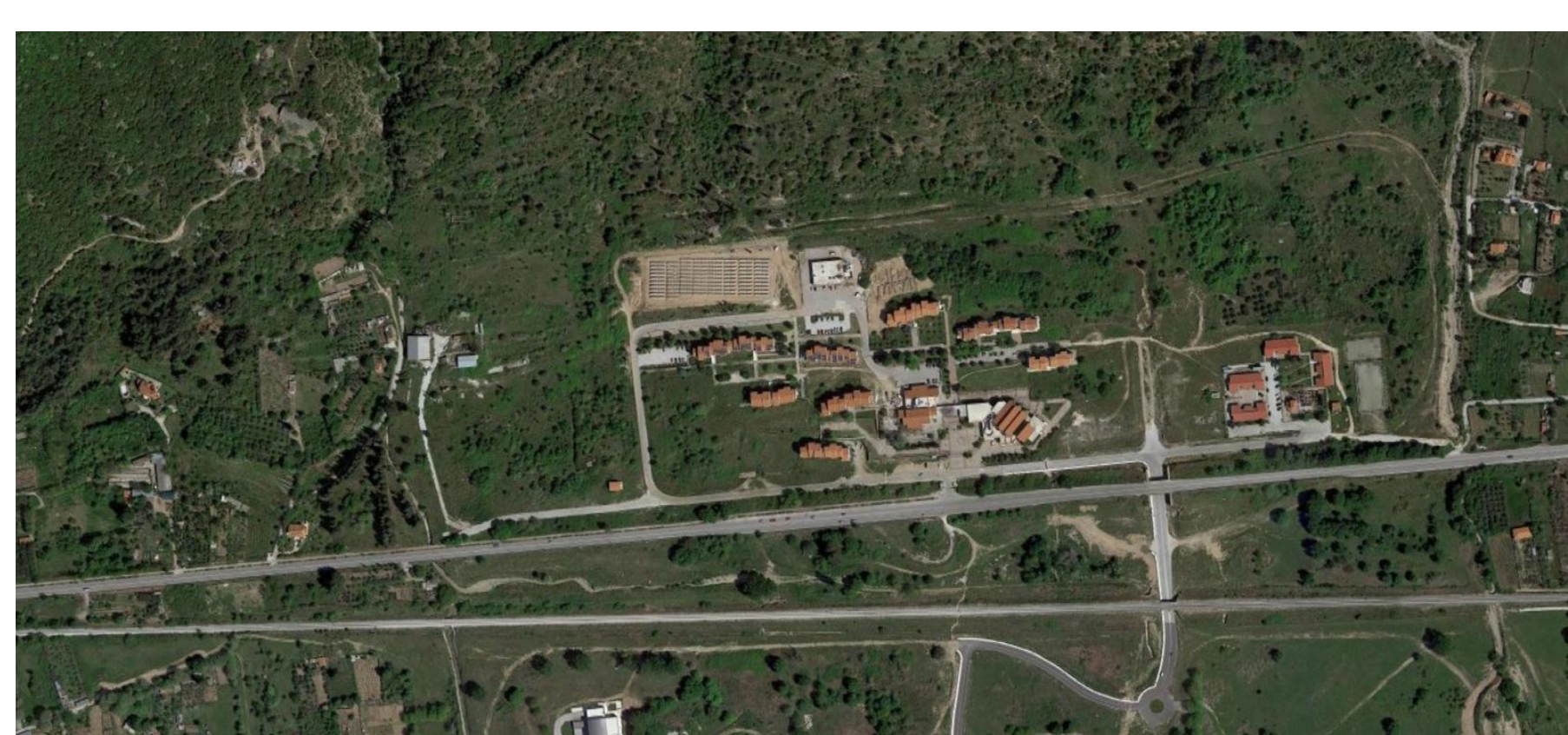
## Greece



The pilot site is located in a rural area about 1 km west of the city of Xanthi and 1 km east of the Kimmeria Village, in North Greece. It includes a building complex of 11 buildings of total area of 15.000 m<sup>2</sup>, that consists of 8 buildings for students' residences, one electromechanical equipment building, one restaurant and one amphitheater, owned by Democritus University of Thrace (DUTH). Students' residences are provided free of charge, therefore characterizing the buildings as social housing.

The aim of the Kimmeria Pilot Site is to explore, leverage and mobilize stakeholders to apply schemes for a social group of end users (i.e. students) in order to participate in the operation and management of a local renewable energy community, gaining benefits that are not only financial but also social and environmental.

Owner	Democritus University of Thrace (DUTH)
Energy Service Provider	DUTH
Context	Students' Social Housing
Production	<ul style="list-style-type: none"> <li>• Solar collectors</li> <li>• Photovoltaic panels</li> <li>• Biomass boiler</li> <li>• Absorption chiller</li> <li>• Vertical axis wind turbine</li> <li>• ORC turbine</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• Hot water storage</li> <li>• Battery storage</li> <li>• Heat battery PCMs</li> </ul>
Impact	+10% RES +50% Social Participation
Target	Students' engagement Increase of use of RES
Community	Student Community of DUTH



## Consortium

