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GREEN INFRASTRUCTURES FOR ENVIRONMENTAL PROTECTION AND THE SPREAD OF THE CULTURE OF SUSTAINABILITY

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Abstract

Over the last 10 years, attention to environmental and biodiversity protection has increased significantly, both at a national and European level. In particular, the European Union with the Green Deal and the 2030 Biodiversity Strategy has established the principles and targets to be achieved by 2030. These include the protection of the environment in cities and peri-urban areas, also using innovative and socially inclusive technologies.

On the basis of the contents of these important European strategies, the University of Tuscia with the Erasmus+ KA2 *GREENO2 – Green Roofs in higher education institutions as sustainable cEnters for research, participation, ENvironmental consciousness and O2 generation* project aims to encourage the use and formation of green roofs, i.e. a type of roof that involves the planting of vegetation on the covering building, in the main European cities as centers of environmental research and knowledge, study and/or recreational areas and in order to reduce air pollution, promote the absorption of CO2 and guarantee high levels of air quality.

Higher institutions will be involved in the creation of green infrastructures, with teaching staff and students, to whom scientific knowledge on these infrastructures will be transmitted and who will be as the main actors. In fact, the *GREENO2* project also includes training and information, communication, and dissemination activities, steered at spreading the culture of greenery and environmental protection.

Based on the results of the project, strategy and conception of communication will be proposed to educate youth and develop culture of green infrastructures as well as deepen knowledge on green roof issues.

Key words: green infrastructures, environmental culture, oxygen, communication, youth's education.