

JOB OFFER

Date: 09/10/2025

PRINCIPAL INVESTIGATORS: Raúl Muñoz Torre / María del Rosario Rodero Raya

RESEARCH CENTER: Institute of Sustainable Processes – University of Valladolid

JOB POSITION: Pre-doctoral Researcher in Environmental Technology

PROJECT TITLE: LIFE W2B - Sustainable Transformation of Waste to Biomethane, through Innovative Upgraded Anaerobic Digestion and Gasification.

PROJECT DESCRIPTION: The project aims to engineer, construct and operate two biological processes for biomethane production. Firstly, a pilot biofilter system for syngas biomethanation will be designed, constructed and optimized. Secondly, a pilot algal-bacterial photobioreactor for biogas upgrading will be designed, constructed and optimized.

Task to be performed include: Supervision of the detailed engineering of the pilot plants. Operation and monitoring of the pilot plants (in Greece). Preparation of reports and presentations. Dissemination Activities. Other project-related tasks.

DURATION: 01/01/2026 - 31/08/2029

MONTHLY GROSS SALARY: €1,900 (approx.)

REQUIREMENTS:

- Bachelor's and Master's degrees in Chemical Engineering or Environmental Engineering.
- Oral and written communication skills in English.
- Candidates should be motivated by research and professional development, with a serious and committed approach to their work responsibilities.

CONTACT: isp@uva.es

DEADLINE FOR APPLICATION: 19/10/2025

OTHER INFORMATION: CV should be sent to isp@uva.es before the deadline. The presentation of a motivation letter and references will be positively valued.