



**European project: ENHANCED INTERFACES AND TRAIN CATEGORIES FOR
DYNAMIC COMPATIBILITY ASSESSMENT OF EUROPEAN RAILWAY
BRIDGES (InBridge4EU)**

CONTRACT IN RESEARCH PROJECT

Entity: Universidad Politécnica de Madrid

Position: Researcher

Term: 2 years (full time), with the possibility to continue with PhD studies.

Gross salary: 22000 euros/year

Start: October 2023

Place: ETS de Ingenieros de Caminos, Canales y Puertos

Academic level: Master

Requirements:

- High level of English language
- Knowledge of dynamic structures
- Knowledge in programming

Activities:

- Study and develop practical methods to understand train-bridge interaction under dynamic actions
- Develop finite element models
- Develop reports and results with simplified calculation models

Further information and applications: Contact or send a detailed CV and motivation letter before September 15th to professors José María Goicolea (jose.goicolea@upm.es) and Nicola Tarque (nicola.tarque@upm.es).