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I AM LOOKING FOR : ☐ A PARTNER (FOR MY PROJECT) ☒ A PROJECT TO JOIN

BRIEF DESCRIPTION OF YOUR PARTNER SEARCH (*) (2-3 lines to be published on the website – the complete form will be available to download)

Please complete the information below depending if you are looking for a partner (to join your project), or a project (you would like to join) – Max 1 page.

DESCRIPTION OF YOUR EXPERTISE /SKILLS

The Environmental Engineering and Microbiology Research Group (GEMMA) is located at the Department of Hydraulic, Maritime and Environmental Engineering (DEHMA) of the Universitat Politècnica de Catalunya.BarcelonaTech (UPC).

The Group is dedicated to interdisciplinary research, innovation, knowledge transfer and education in environmental engineering. Current main research topics are:

- Nature-based solutions for water management: it includes ecotechnologies (also called green infrastructures) like waste stabilization ponds and constructed wetlands. The main purpose of our research is to understand the mechanisms of pollutants removal in order to improve the design, construction and operation of these systems and to assess the ecosystem services provided by these technologies.
- Numerical simulation of bioprocesses: the main objective is to improve the knowledge of microorganisms' interaction in ecosystems.
- Life Cycle Assessment: we use LCA to assess the environmental performance of technologies and processes. We study carbon and water footprint of green infrastructures.

DESCRIPTION OF YOUR PROJECT / THE PROJECT YOU WOULD LIKE TO JOIN

We would like to join a project on nature-based solutions and green infrastructures for water management, ecosystem services, modelling and/or LCA.

Please send this form back to : biodiversa@fondationbiodiversite.fr