



Madrid, June 10th., 2024

Letter to **Pedro Henrique de Lima Gomes**.

I am pleased to inform you that I am willing to act as PhD Student principal supervisor during the period of your research internship at the *Centro de Investigaciones Energéticas, Medioambientales y Tecnológicas –CIEMAT*. This research will start in October 2024, for a duration of 6 months at the Functional Materials for Hydrogen Technologies Unit and the Energy Wind Unit of the Energy Department of CIEMAT/Madrid-Spain.

Your PhD research activities will be engaged under the collaborative project between CIEMAT and the State University of Ceará (UECE) in Brazil, funded by the National Council for Scientific and Technological Development (CNPq), an agency under the Ministry of Science and Technology of the Brazilian federal government. The project entitled “**Green hydrogen production using functional materials and wind-powered from wastewater industrial**”, Process nº 443423/2023-7, is coordinated by Professor Dr. Mona Lisa Moura de Oliveira from the UECE/Brazil.

In addition, your PhD activities are included in the Doutorado Sanduíche no Exterior – SWE – CNPq programme entitled “*Operational analysis and computational validation of H2 Green Production by a System Integrated with off-grid Renewable Energy*”, and will also be supervised by Concepción Caravaca Moreno and Luiz Arribas.

The language skills of the applicant researcher in Spanish and English have been tested by means of an interview and I declare that they are sufficient for the tasks that will be carried out.

Sincerely,

Dr. Rita Ximena Valenzuela Balderrama  
Head of FUNMATECH2 - Functional Materials for Hydrogen Technologies

