



## ISOP

### INNOVATION IN SUPERCRITICAL CO2 POWER GENERATION SYSTEMS

Call for the selection of doctoral network (DC01, DC02, DC07 and DC17) to be hired for participation in the project and Work Packages:

**DC1; “Integration of power systems based on directly-fired oxycombustion sCO2 power cycles” – WP1**

**DC2; “Market uptake of supercritical CO2 power systems to enable carbon-neutrality by 2050” – WP1**

**DC07; “Dynamic operation of sCO2 power generation systems under variable load and variable energy input” – WP2**

**DC17; “Innovative turbine designs for enhanced flexibility of megawatt scale axial sCO2 turbines” – WP3**


to be developed at the University of Seville, Spain, that is part of the European Doctoral Network “Innovation in Supercritical CO2 Power generation systems - ISOP” funded from the European Union’s Horizon Europe programme under the Marie Skłodowska-Curie grant agreement No. 101073266.

Call made on May 10, 2023

In accordance with the Minutes of the Valuation Commission (attached to this document), proposes the hiring of the following candidates:

- **Giovanny López Muñoz** to be hired as “Integration of power systems based on directly-fired oxycombustion s CO2 power cycles” (DC1)
- **Amgad Khamis** to be hired as “Market uptake of supercritical CO2 power systems to enable carbon-neutrality by 2050” (DC2)
- **Leonard Muke** to be hired as “Dynamic operation of s CO2 power generation systems under variable load and variable energy input” (DC07)
- **Leonardo Provana** to be hired as “Innovative turbine designs for enhanced flexibility of megawatt scale axial sCO2 turbines” (DC17)

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Principal Investigator: SANCHEZ MARTÍNEZ, DAVID TOMÁS - Professor of Energy Engineering at University of Seville.

Based on this, the contracts awarded to Giovanni López Muñoz, Amgad Khamis, Leonard Muke and Leonardo Provana may be a maximum of 36 months.

Seville, July 26<sup>th</sup>, 2023, Vice-Rector for Research

Mr. Julian Martínez Fernández

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