



## ISOP

### INNOVATION IN SUPERCRITICAL CO<sub>2</sub> POWER GENERATION SYSTEMS

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

DC	Title	WP
17	<i>Innovative turbine designs for enhanced flexibility of megawatt scale axial sCO<sub>2</sub> turbines</i>	3

to be developed at University of Seville, Spain, as part of the European Doctoral Network "Innovation in Supercritical CO<sub>2</sub> Power generation systems - ISOP", funded from the European Union's Horizon Europe programme under the Marie Skłodowska-Curie with grant agreement No. 101073266.

Call launched on October 19<sup>th</sup>, 2023

#### MINUTES

The candidates have been evaluated by


- Sánchez Martínez, David T., Professor of Energy Engineering at University of Seville
- Crespi, Francesco M., Lourdes, Lecturer at University of Seville
- Glos, Stefan, Project Manager Innovation at Siemens Energy, Muelheim an der Ruhr
- Pastricakis, Vasileios, Consulting Engineering Manager at SoftInWay, Zug

in their capacity as members of the Selection Panel of DC17 "Innovative turbine designs for enhanced flexibility of megawatt scale axial sCO<sub>2</sub> turbines"

The table below include the ranked list of applicants for position DC17 according to the selection criteria:

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CANDIDATE DC17	STAGE 1							TOTAL 1	Moving to stage 2	STAGE 2	
	EDUCATION	EXPERIENCE	APP. PACKAGE				REQUIREMENTS (Specific)			INTERVIEW	TOTAL 2
			Motivation (0-5) 20%	Assessment (0-5) 30%	Video (0-5) 50%	Total App. Package					
	0-5	0-3	0-5	0-5	0-5	0-5	0-5	0-18		0-7	0-25
Ramin Ghiami Sardroud	4	2	2	2	2	2	2.5	10.5			10.5
Adonis Constantinidis	4.5	2	5	3	4.5	4.15	4.5	15.15	Yes	6	21.15
Michele Nigro	4	1.5	4	4	4.5	4.25	3	12.75			12.75
Ahmed Jawad	3.5	1	2.5		1	1	1.5	7			7
Tariq Muhammad Hasnain	3.5	2	3	2	4	3.2	3	11.7			11.7

Based on the evaluations shown in the table, the following candidate have been selected:

- **Adonis Constantinidis**

to be hired as *“Innovative turbine designs for enhanced flexibility of megawatt scale axial sCO<sub>2</sub> turbines”* (DC17)

Seville, November 14<sup>th</sup>, 2023,

Prof. David Sánchez Martínez

Principal Investigator of DC01; *“Integration of power systems based on directly-fired oxycombustion sCO<sub>2</sub> power cycles”*, DC02; *“Market uptake of supercritical CO<sub>2</sub> power systems to enable carbon-neutrality by 2050”*, DC07; *“Dynamic operation of sCO<sub>2</sub> power generation systems under variable load and variable energy input”* and DC17; *“Innovative turbine designs for enhanced flexibility of megawatt scale axial sCO<sub>2</sub> turbines”*.

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