

GOT ENERGY TALENT MSCA COFUND 1st call for fellowship

Provisional ranking list Applications under UAH hosting groups

Applications potentially selected for funding (9 fellowships)

UAH will fund the first 9 project proposals as listed below.

#	Surname, Name	Title of the project proposal
1	Sessini, Valentina	Catalytic production of green piezoelectric biopolymers - GREENPEHS
2	Peters, Jens	Clean energy and low-carbon transitions in the XXI century: economic and policy analysis
3	Ghosh, Srabanti	Nanostructured Semiconductor-Metal Complex based Hybrid Photocatalyst for Solar Water Splitting and CO2 Reduction
4	Ezugwu, Chizoba Ignatius	Evaluation of solar-driven photocatalytic conversion of carbon dioxide (CO2) into hydrocarbon fuels using amine based bimetallic metal-organic frameworks
5	Alves Martins, Wallace	Power line and visible light superfast transceivers for smart grid and internet-of-things applications
6	Valencia Calvo, Marta	Bimetallic NHC complexes for reversible carbon dioxide hydrogenation. BiMet-NHC
7	Noori, Md Tabish	Microbial Osmotic Desalination with Energy and Nutrient Recovery (MODERN)
8	Ballardini, Augusto Luis	Reliable localization algorithms for autonomous driving cars
9	Sansilvestri, Roxane	The wood biomass energy development in the Mediterranean basin: when global mitigation conflicts territorial adaptation
10	Penovi, Emiliano	Development of VSG dynamic control techniques for massive integration of distributed generation systems.

11	Vedrtnam, Ajitanshu	Development of advanced sustainable fire resistant cement-based composites and their performance evaluation in pre- and post-fire conditions using conventional and non-destructive methods
12	Ahmed, Khaled Hassanein Sayed	Catalytic processes for bioplastics production from biodegradable resources
13	Bokde, Neeraj	Machine learning techniques for wind power prediction and instigation of ill-effects due to wind turbines
14	Pandit, Ravi	Wind turbine Predictive Maintenance Using SCADA data analysis
15	Wang, Biao	High-rise Building Integrated with Solar Chimney and Bio-energy
16	Nanda, Kamala Kanta	Design and development of smart energy driven electrochemical device for selective capture and conversion of CO ₂ in tandem with photoelectrochemical oxidation of biomass.
17	Nabil, Bouazizi	Metal-Inorganic-Organic-Matrices (MIOM) for CO ₂ Conversion/Storage and Energy Storage
18	Papacharalampos, Georgios	CathodeX: Development of a new carbon-based cathode material for use in bioelectrochemical reactors

Applications not selected for funding

The applicant did not reach some threshold, either the overall one or any of the thresholds applicable to particular criteria.

Surname, Name	Title of the project proposal
Reguera Castillo , Luis	Grid supporting using virtual power plants based on aggregated local networks
Biglione, Catalina	Magnetoplasmonic nanomaterials as alternative catalyst for wastewater treatments
Cervellini, María Paula	Virtual Synchronous Generator (VSG) for parallel converters optimization
Rivera Torres, Pedro Juan	BioPdM: Bioinspired Predictive Maintenance and Fault Detection for smart grid assets
Hasanvand, Milad	Coordination of Connected Vehicles
Danielsen, James	Pyramidal networks as a basis for the participatory governance of energy transitions

Jyosyula, Sri Kalyana Rama	Development of plastic viscosity based sustainable self-compacting concrete with natural pozzolanic materials and monitoring the early age cracking with the addition of PCM and Super Absorbent polymer using NDT techniques.
Husain, Shahid	Smart railway system for individualized transport
Onwe, Christian	Load Demand Modelling for the Low-income Households
Alikulov, Khusniddin	Development of a solar-hybrid concept of combined electricity generation and water extraction for arid regions
Musoke, Deogratias	Investing in a virgin but Lucrative Solar Energy Business in Africa: It is becoming a Trillion Dollar Global Market
Serfa Juan, Ronnie	FPGA-based Internet of Things (IoT) Health Monitoring System via Long Range (LoRa) Low Power Wireless Communication using Wearable Sensors
Torres Gómez, Jorge	Battery-free sensor design for smart infrastructure applications on Terahertz frequency band.
Chiluveru , Parameshwar	Smart Designs of Energy and Infrastructure for Energy Efficiencies in Foundries - Effect on GHG (CO ₂) Emissions: Economics and Policy Analysis for Vision Horizon-2020.
Ibrahim , Ahmed Bayoumi Mohamed	Metal Organic Frameworks and Metal Complexes Based Materials for Catalytic CO ₂ Utilization and Water Splitting
Al Rubaye, Ali	Stabilization of wind power supply through spatio-temporal structures in climate variability
Zanaj, Elma	Smart lighting in smart-cities: Efficiency and Value-added services