

Call: H2020-NMBP-20-2018

Topic: A digital 'plug and produce' online equipment platform for manufacturing (IA)



Deliverable No. 19.2

2nd Open Call outcome

Grant Agreement No.:	822106
Project Title:	WeldGalaxy – Digital Dynamic Knowledge Platform for Welding in Manufacturing Industries
Contractual Submission Date:	Month 34
Actual Submission Date:	Month 34
Responsible partner:	FundingBox

Grant agreement no.	822106
Project full title	WeldGalaxy – Digital Dynamic Knowledge Platform for Welding in Manufacturing Industries

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Author(s)	Izabela Zrazinska
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Results of 2nd WeldGalaxy open call for recipients of financial support

Project acronym: **WeldGalaxy**

Project grant agreement number: **822106**

Project full name: **Digital Dynamic Knowledge Platform for Welding in Manufacturing Industries**

Open date for proposals: the 15th of February, 2021 at 00:00 CET (Brussels Time).

Submission deadline: the 29th of April, 2021 at 17:00 CEST (Brussels Time).

- A total of 29 proposals were submitted for this call.
- 27 Eligible proposals
- 20 Above threshold after External Evaluation
- 15 pre-selected for financial support and invited to formal check + 1 on the reserve list
- 15 pilots selected for financial support and invited to sign the Sub Grant Agreement

The total funding requested by all selected experiments is 1.500.000 € EUR.

The evaluation and selection have been completed. All proposers have been informed about the evaluation results for their proposal for financial support.

Call information

The call was published on the project's website <https://weldgalaxy-opencall.fundingbox.com/> and the Horizon 2020 Participants Portal <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/competitive-calls>.

WELDGALAXY 2nd OIC final results: beneficiaries invited to sign the Sub Grant Agreement

Pilot title	Pilot Acronym	Pilot Coordinating Entity	Country of coordinator	Partner 1	Partner 1 country	Partner 2	Partner 2 country	Partner 3 & Partner 4
Automatic assignment of customer-specific welding parameters based on a CAD model using Artificial Intelligence models.	LLewelyn	Oqton Belgium NV	Belgium	Steyaert-Heene	Belgium	Belgian Welding Institute	Belgium	
Validating the Automatic Orbital Welding Droid (AOWD)	AOWD	Weldingdroid ApS	Denmark	Engicon NV (Geldof)	Belgium	GPI Tanks B.V.	Netherlands	
Responding to steel manufacturing needs, a new efficient chemistry-tailored wire cladding system on 4% dilution and 7 kg/h will be developed	WIRED	Welding Alloys Ltd	United Kingdom					
Intelligent inspection for arc welding process monitoring	iSPARC	i3D Robotics Limited	United Kingdom					
Intuitive no-code programming solution for cost-effective robot welding	SmoothTool	Smooth Robotics ApS (Denmark)	Denmark	DanRobotics A/S	Denmark	KUKA Nordic AB	Sweden	
Automatized Teach-In of Arc Welding Robots by a Machine Learning-based Process Miner	ArcMiner	Pumacy Technologies AG	Germany	Arend Automation GmbH	Germany			
Ubiquity in Weld Monitoring Data, Automated Remote Authentication of Inspection Data	AMV_Cloud	Triton Electronics Ltd	United Kingdom	Obynote Limited	UK			
A robotic welding system with advanced machine vision, machine learning and IoT	WelderMate	Momek Invest AS	Norway	Momek Services AS	Norway	Pioneer Robotics AS	Norway	Applica Robot Integrati

solution, to perform autonomous welding of electrode casing.								on AS & Elkem Carbon AS
RoboWeldAR is an innovative, self-navigating robotic welding solution that will revolutionize the ship new building and repair industry.	RoboWeldAR	IKnowHow SA	Greece	Carell SA	Greece			
Hyperbaric automated arc welding for wet assets to save time, costs and increase safety	HYROWELD	DCN Diving BV	Netherlands	Automatic Welding Solutions B.V.	Netherlands			
Enhancing welding capabilities with remote manipulation using the MAGOS Platform; Fast, with Safety and Accuracy.	EDISON	Probot Oy	Finland	Quanta & Qualia	Greece			
Deep Learning framework for defect detection based on Automated Ground Truth Annotation of X-Ray weld images	Anno4Weld	StreamOwl Private Company	Greece					
A modular, flexible, scalable and industry-ready solution for the inspection and process control of arc welding based upon AI.	IAWI	Claret S.r.l.	Italy	Astroflex S.p.a.	Italy			
Optimized Parametrization for Robotic Galvanized Piping Welding	GalvaWeld	Riduba, Serv. À Indústria, Constr. Mecânicas, Mecano-Soldadura, Lda	Portugal					
Automated and Flexible Arc Welding Systems for Shipbuilding	FLEXYWELD	TREESSE S.R.L.	Italy	COMAU S.P.A.	Italy			