

## BROKERAGE EVENT IN HORIZON EUROPE

### **ENERGY TOPICS**

4 MOTORS FOR EUROPE 3<sup>rd</sup> June

R2M Solution www.r2msolution.com

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Strategic innovation partnering



10 years of EU Projects experience



Multi-disciplinary staff



We customize our offer and approach

### **R2M in Numbers**

3.9 <b>M</b> €	70 employees	Top 3 SME in H2020	+278M€
Turnover 2020	45% Women → 25% PhDs	65 projects → 15.5M€	Funds raised



R2M Solution

### Our Branches

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## Ongoing projects





































































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### Innovative products



IES ICL: Intelligent
Communities
Lifecycle



ZUTEC: REAL ESTATE information management



Synavision:
Monitoring Based
Commissioning



BrainBox AI:
Autonomous AI
HVAC technology



Matterport: Virtual tours, 3D survey and digital twin



BIMcollab: cloud based BIM issue management



GREENPASS: asses the greenery impact on resilience



Onyx Solar: photovoltaic glass for buildings

### Targeted topic: CL5-2021-D3-02-03: Market Uptake Measures of renewable energy systems

- Deadline 5-Jan-2022
- Type of action: CSA
- Expected outcomes
  - Uptake of RES in industrial and residential sectors
  - Basis for policy makers
  - Development of market and respective financial framework to accommodate massive share of RES
  - Increase societal acceptance addressing misperception from citizen

### Scope

- Electricity, H&C, renewable fuels. Self-consumption.
- Wide potential for replication leveraging also successful tested approaches
- Engage relevant stakeholder (public authorities, civil society), multidisciplinarity
- Legal, institutional and political framework



















### Our project idea

- We aim to boost market uptake of Citizen Energy Communities through a turnkey social engagement, regulatory roadmap, low-cost technological package and innovative business models to unlock the full flexibility potential.
- We are involved in a proposal focusing on Local Energy Communities building on extensive track record on related topics, including LIGHTNESS (https://www.lightness-project.eu/), CREATORS (https://www.creators4you.energy/) and HESTIA (https://hestia-eu.com/).
- We are looking for non-spanish partners covering different requirements of the call as well as pilots (both in Spain and other countries).

















### **Other Topics of Interest**



#### **Topic Cluster 5**

CL5-2021-D2-01-12: Fostering a just transition in Europe

CL5-2021-D3-02-03: Market Uptake Measures of renewable energy systems

CL5-2021-D3-02-05: Energy Sector Integration: Integrating and combining energy systems to a cost-optimised and flexible energy system of systems.

CL5-2021-D3-02-06: Increasing energy system flexibility based on sector-integration services to consumers (that benefits system management by DSOs and TSOs)

CL5-2021-D3-02-11: Reinforcing digitalisation related know how of local energy ecosystems

CL5-2021-D4-01-01: Advanced energy performance assessment and certification

CL5-2021-D4-01-02: Industrialisation of deep renovation workflows for energy-efficient buildings

CL5-2021-D4-01-03: Advanced data-driven monitoring of building stock energy performance

CL5-2021-D4-01-04: Full-scale demonstration of heat upgrade technologies with supply temperature in the range 90 - 160°C

CL5-2021-D4-02-01 Demonstrating integrated technology solutions for buildings with performance guarantees (Built4People)

#### **Topic Cluster4**

HORIZON-CL4-2021-TWIN-TRANSITION-01-10: Digital permits and compliance checks for buildings and infrastructure

HORIZON-CL4-2021-TWIN-TRANSITION-01-12: New breakthrough technologies for technological sovereignty in construction

HORIZON-CL4-2021-TWIN-TRANSITION-01-14: Deploying industrial-urban symbiosis demonstrators for the utilisation of energy, water, industrial waste and by-products at regional scale

HORIZON-CL4-2021-TWIN-TRANSITION-01-21: Design and optimisation of energy flexible industrial processes

HORIZON-CL4-2021-HUMAN-01-19: Testing innovative solutions on local communities'-demand

HORIZON-CL4-2021-RESILIENCE-01-29: 'Innovate to transform' support for SME's sustainability transition

HORIZON-CL4-2022-TWIN-TRANSITION-01-09: Demonstrate the use of Digital Logbook for buildings

HORIZON-CL4-2021-RESILIENCE-01-32: Social and affordable housing district demonstrator

HORIZON-CL4-2021-TWIN-TRANSITION-01-10: Digital permits and compliance checks for buildings and infrastructure

HORIZON-CL4-2021-TWIN-TRANSITION-01-12: New breakthrough technologies for technological sovereignty in construction







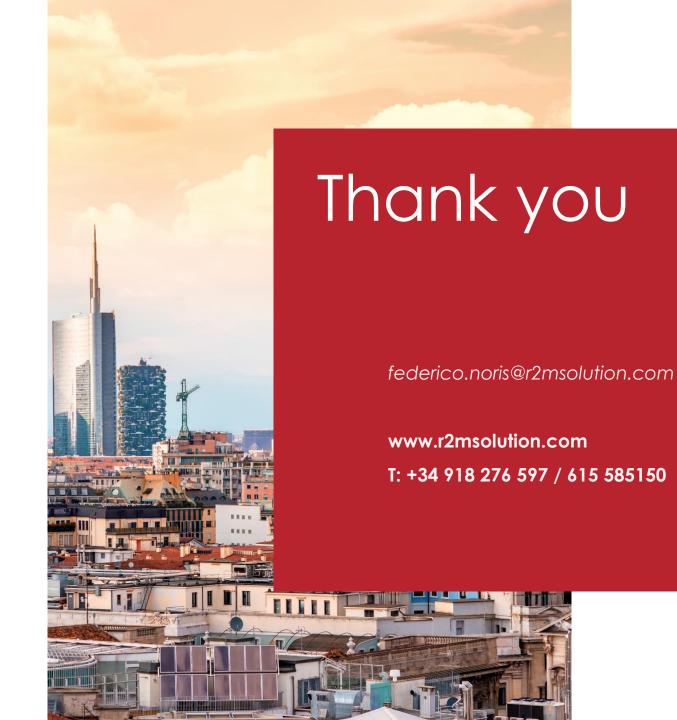
















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