

**Interreg  
Europe**



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**Repower Industries**



**opsen**  
Znižajte stroške elektrike.

# PP9 Environmental Research Institute

(Okoljsko raziskovalni zavod - ORZ), Slovenia

**STAKEHOLDER**

**Davorin Korpar- OPSEN**

**Ludvik Hriberšek- EN SVET**

**Marin Zver – Z-ENIAC**

3-4 Dec 2024 | Milan

<https://orz.si/about-us/>



OkoljskoRaziskovalniZavod



E-mail

orz@siol.com

## Who We Are

An innovative and research-driven team specializing in environmental protection.



## Our core activities include:

- ❖ Promotion of Reuse and Repair
- ❖ Education and Awareness Campaigns
- ❖ Development of Circular Solutions
- ❖ Environmental impact assessments and ecosystem monitoring.
- ❖ Analyses of Circular economy in practise.
- ❖ Development of sustainable policies and solutions.
- ❖ Climate change and biodiversity impact studies.



- ◆ **2005:** established as a private institute
- ◆ **2019:** operates in the public interest
- ◆ participates in the **social economy network**, employing 32-35, ORZ: 9
- ◆ implements **national environmental awareness programs (public RTV, projects)**
- ◆ introduces **innovative methods of environmental protection.**

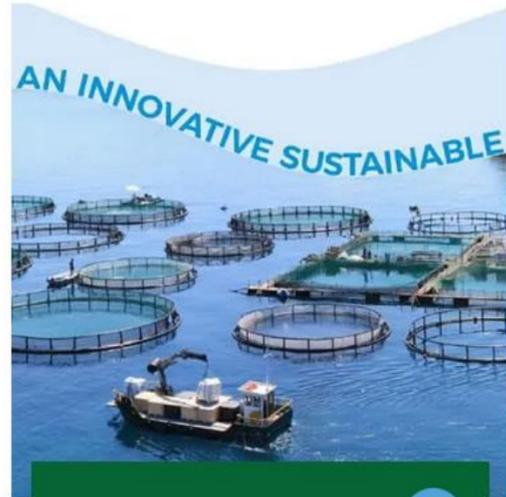
Located in Slovenia, at the address:  
**Spodnje Preloge 55, 3210, Slovenske  
Konjice**  
Project Office: **Tepanje 28d, 3210 Slovenske  
Konjice**



PROJECTS IN PROGRESS



Repower Industries >>



EWASTER >>

European Commission

PROGRAM RAZVOJA PODEŽELJA

Evropski kmetijski sklad za razvoj podeželja: Evropa investira v podeželje

REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA KMETIJSTVO, GOZDARSTVO IN PREHRANO

FRESH@FOOD >>

REPUBLIKA SLOVENIJA  
MINISTRSTVO ZA GOSPODARSTVO, TURIZEM IN ŠPORT

Silk Road >>

WEEEWaste >>

Innovative idea 2023: rearing silkworms for medical silk



DiAgTECH4CLIMATE

DiAgTech4Climate >>

UV4Plants

UV4PLANTS >>



Stakeholder -  
company  
Opsen d.o.o.  
Slovenia

# WHY CHOOSE US?



- **Young and Ambitious Company:**
  - OPSEN d.o.o. is a dynamic and specialized company focused on the energy sector.
- **Proven Expertise:**
  - Successfully completed several projects, particularly in energy efficiency, fostering valuable business partnerships.
- **Innovators in Energy Efficiency:**
  - Pioneered energy-efficient projects in public lighting in collaboration with companies in the Štajerska region.
- **Experience with Distribution Networks:**
  - Partnered with electricity distribution companies to advance medium-voltage network automation projects.
- **Comprehensive Services:**
  - Expanded operations to include construction supervision and complete project offerings for investors, particularly municipalities and utility companies.
  - Gained expertise in managing and supervising EU-funded projects.



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## Solarization for Industry

- **Solar Power Plants for Industry:**

- Construction of solar power plants to generate renewable electricity on-site.
- Benefits: Lower energy costs, increased energy independence, and reduced carbon footprint.
- Includes installation of photovoltaic panels on industrial roofs or in solar parks.

- **Energy Storage - Battery Systems:**

- Efficient storage of surplus electricity for peak usage periods.
- Benefits: Reduced energy costs during high-demand times and reliable energy supply.
- Enables energy transfer to other metering points, optimizing resource usage across industrial processes.



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## Electric Charging Stations and Integrated Solutions for Industry

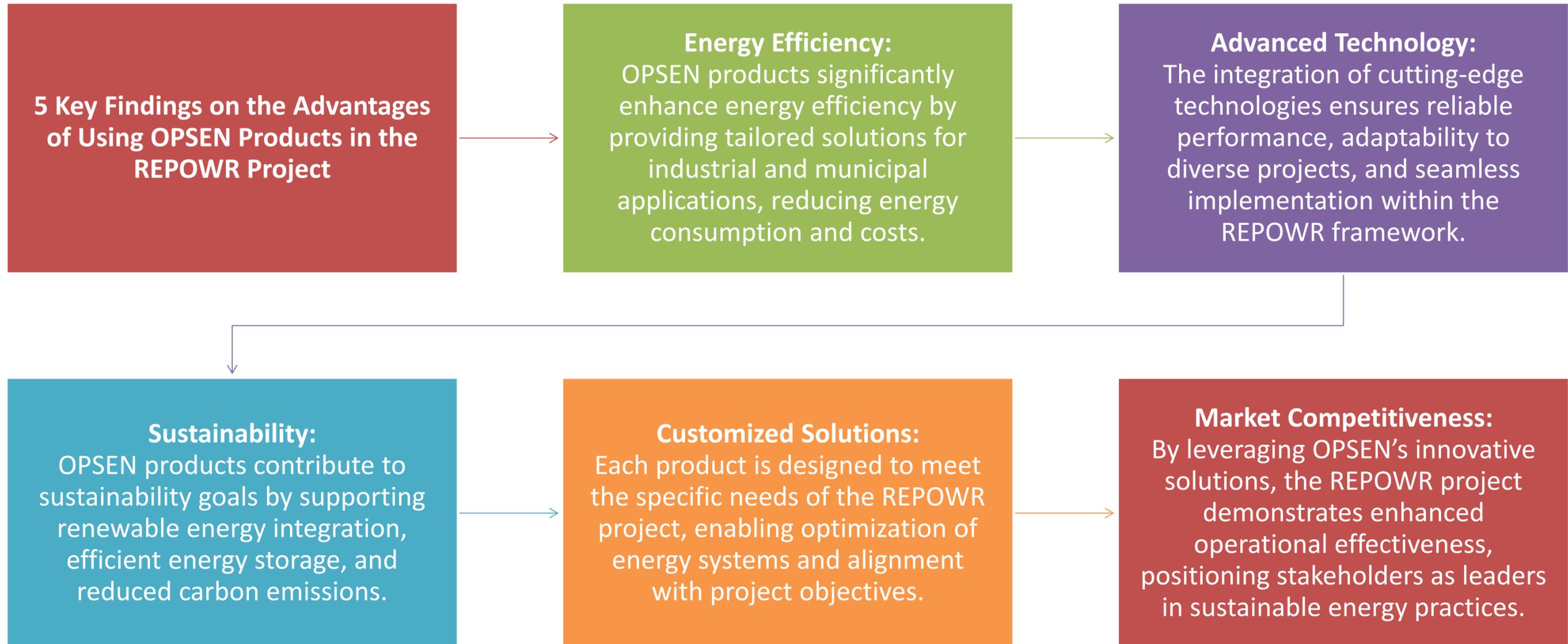
- **Electric Charging Stations for Vans and Freight Transport:**
  - Key to supporting fleet electrification in the industrial sector.
  - Enables on-site charging, reducing reliance on public charging stations.
  - Benefits: Smooth transition to electric vehicles and lower industrial emissions.
- **Finding Manufacturers and Solutions:**
  - Importance of selecting reliable manufacturers and solution providers.
  - Focus on quality partners offering advanced technologies and tailored solutions.
  - Ensures seamless integration of solarization, battery systems, and charging stations.



## Applications and Finding New Customers

- **Energy Monitoring and Management Applications:**
  - Digital solutions for real-time monitoring of energy production, consumption, and storage.
  - Enables efficient energy planning and optimization.
- **Expanding the Market:**
  - Identify and engage new customers interested in solarization solutions.
  - Target industries transitioning to electrified transportation systems.
- **Strategic Growth:**
  - Leverage digital tools to showcase benefits and attract potential clients.
  - Build long-term relationships with businesses seeking sustainable energy solutions.

# OPSEN D.O.O – STAKEHOLDER – REPOWER INDUSTRIES





**OPSEN is dedicated to providing innovative energy solutions that enhance efficiency and promote sustainability. Together, we drive progress towards a greener and more responsible future.**

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Thank you!