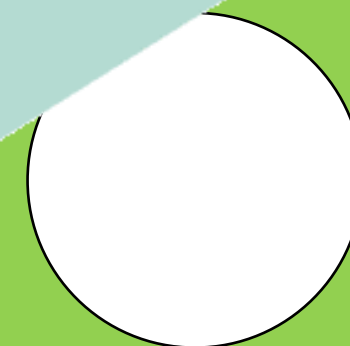
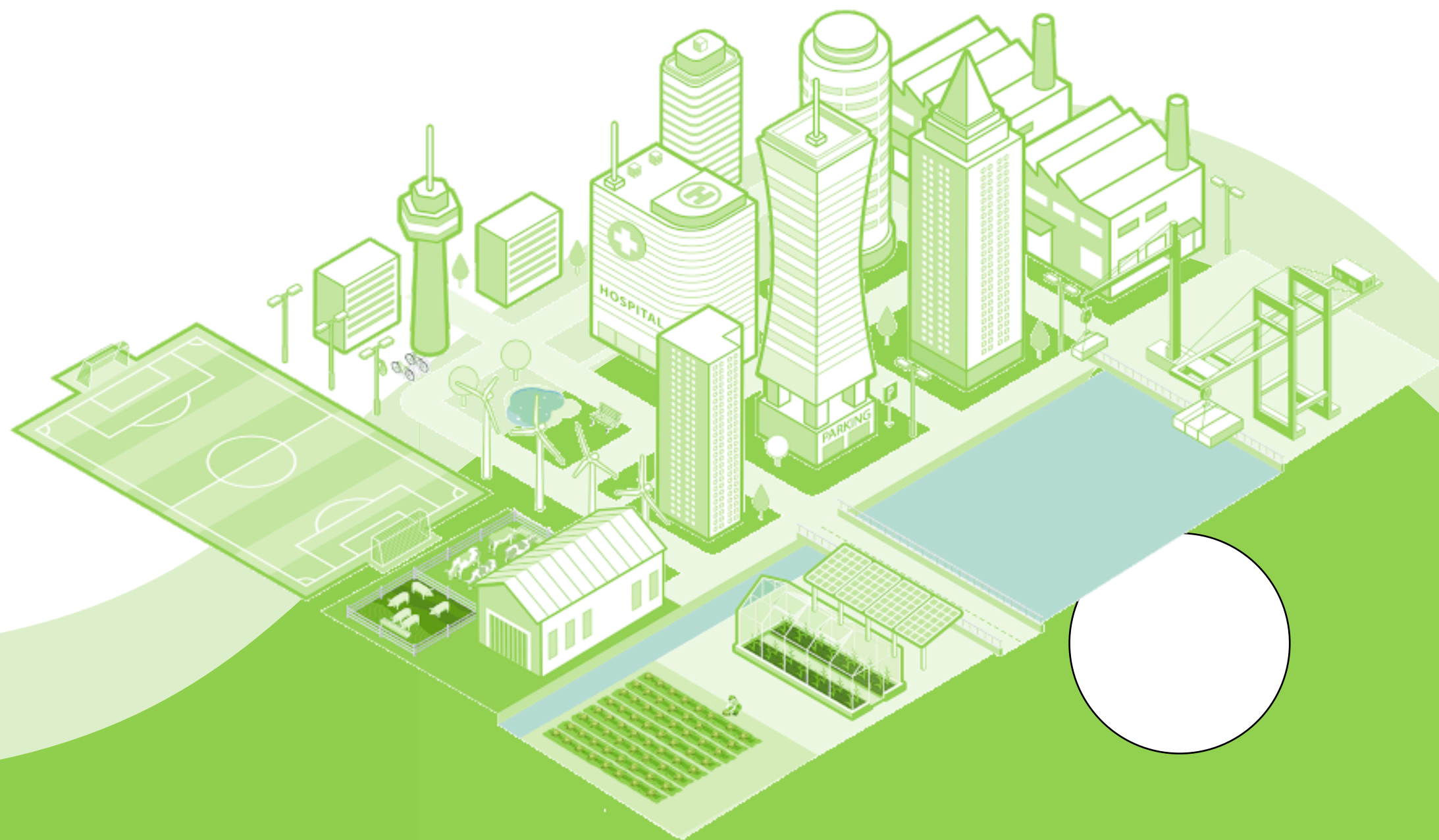




Odin **S**

Intelligence.
Efficiency.
Sustainability

•
odins.es





Jesús Sánchez

Senior Researcher I+D+i

Odin Solutions



About us

We are a multidisciplinary team with **more than a decade of experience** in IoT solutions, in the field of **smart cities, smart agriculture, industry 4.0 and infrastructure.**

We are members of several national and international associations.



PREMIO FUTURO DE LAS TELECOMUNICACIONES (2022)



SELLO DE SOSTENIBILIDAD LCBA SUSTAINABILITY (2023)



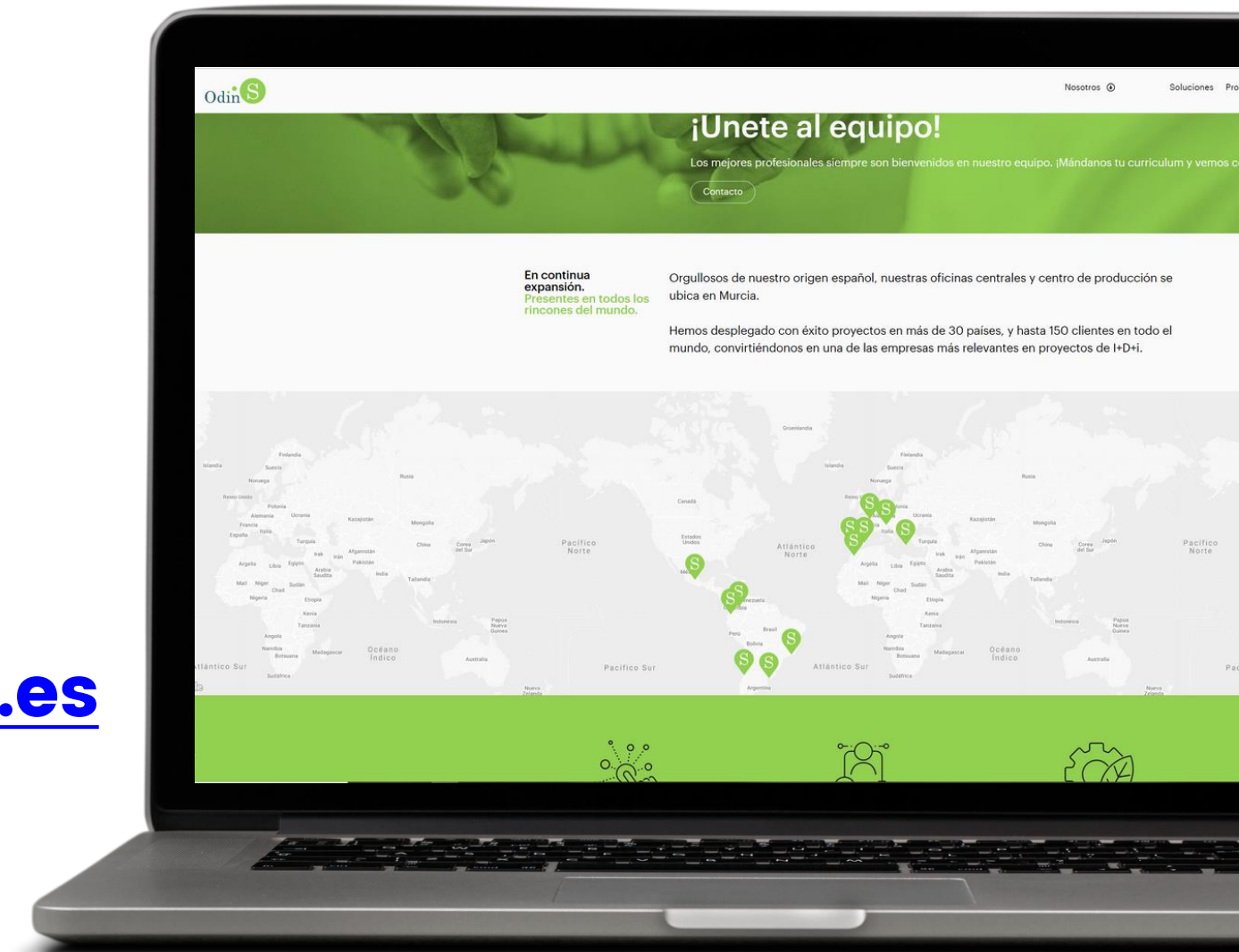
Premio energetic awards (2014)



PREMIO SOCIEDAD DE LA INFORMACIÓN (2014)



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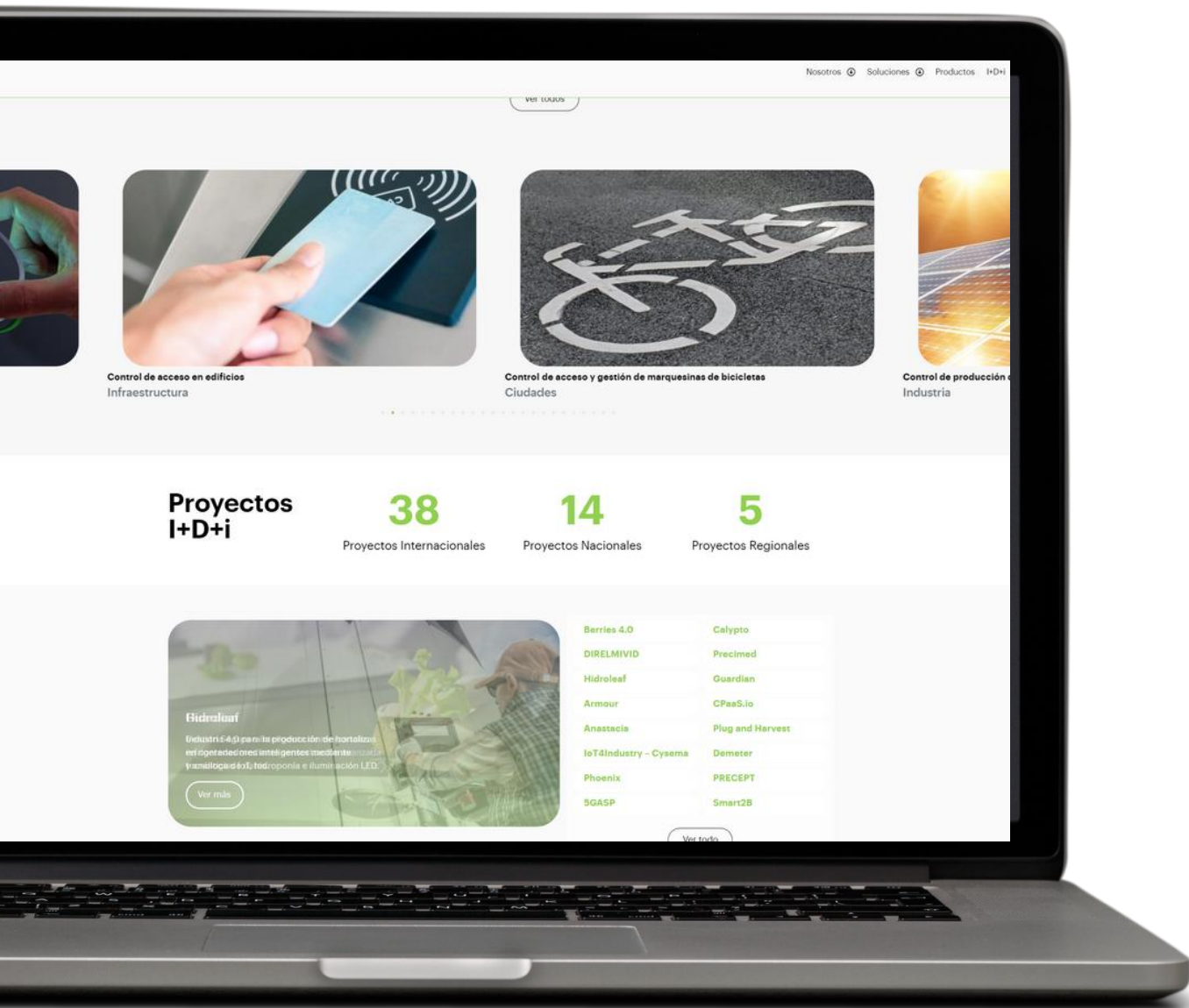


R&D and Innovation

Our R&D&I department is dedicated to translating creative ideas into tangible products that can be marketed through the creation and improvement of tools and services by systematically applying

research, innovation and experimentation.

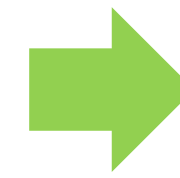
OdinS is the company with more participation in EU H2020 projects of Region of Murcia



Interoperable hardware products

We design and manufacture hardware devices for infrastructure monitoring and remote management, using different wireless technologies (LoRA, Radio/6lowpan, 3G/GPRS, and Wifi).

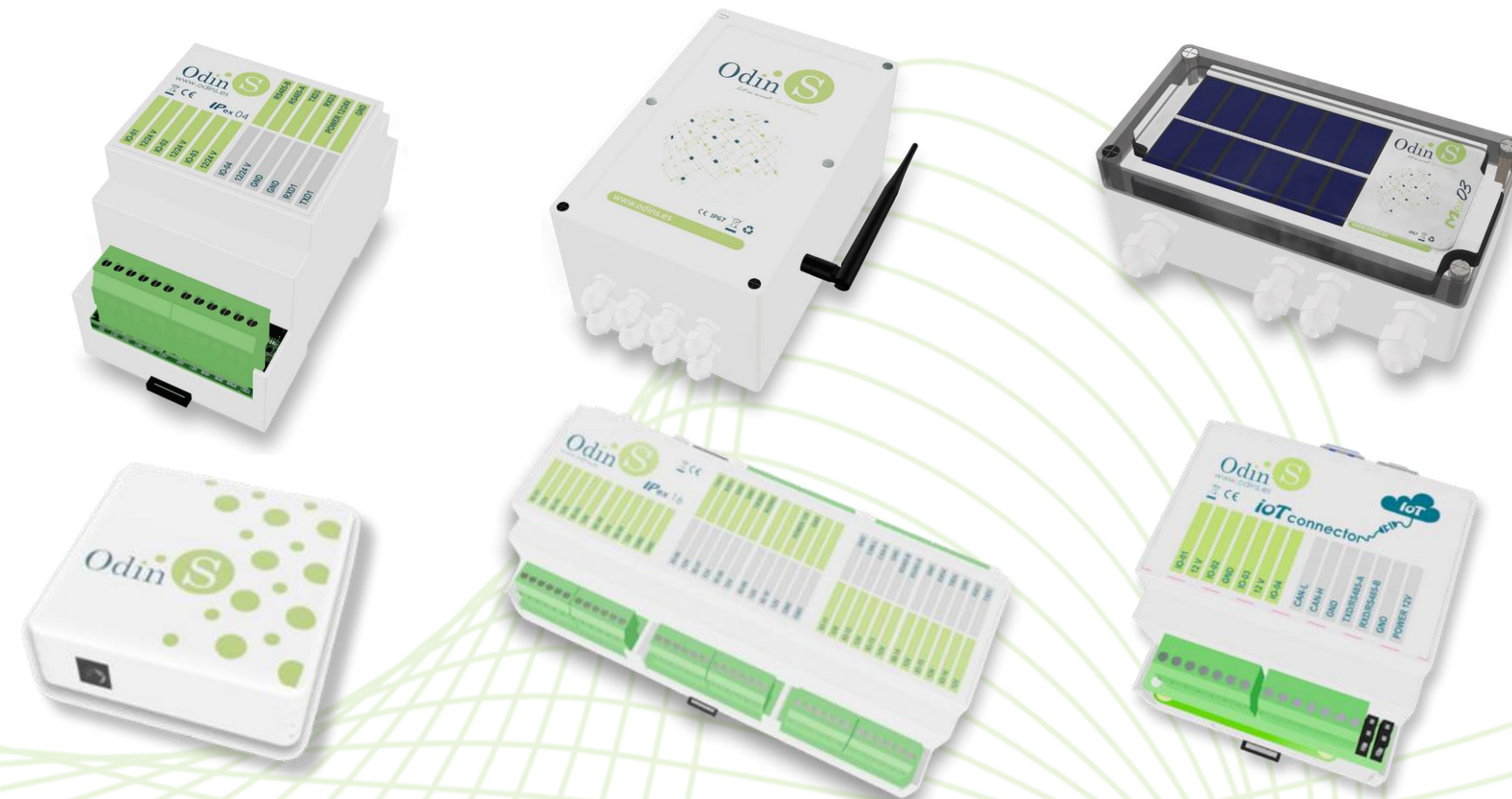
Devices allow the integration of any industrial sensor/actuator.



Data encryption



Secure point-to-point communications



More info

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Software with standard and open protocol



- Integration of IoT devices
- Sensorisation parameters
- Integration of services
- Satellite images
- Models based on AI and Big Data
- Remote management
- Consumption monitoring

Solutions for Smart City



Gardens
Buildings
Urban Spaces
Infrastructures
Industry 4.0

WEATHER STATION + OUTDOOR AIR QUALITY

NOISE CONTROL

WATER QUALITY IN NATURAL AREAS

WASTE TELEMAGEMENT

PARKING MANAGEMENT

SMART GARDEN

INDOOR AIR QUALITY

ELECTRICAL ENERGY MONITORING

WATER CONSUMPTION

ACCESS CONTROL

GAS LEAK DETECTION

CONTROL OF GAUGING

R&D Department

- **Projects**
- **16 national and regional projects**
 - **5 national projects under implementation**
- **25 European projects.**
 - **9 European projects under implementation**

Participating in EU R&D projects

- **Networking with companies within the sector.**
 - **Universities and Research Centers are interested in knowledge transference and are seeking pilots.**
 - **Other SMEs are interested in establishing business relationships and co-developing solutions or services.**

Participating in EU R&D projects

- **Update Organizational Knowledge.**
 - **Strong correlation with proposal success rate and the use of innovative State-of-the-Art solutions.**
 - **These innovations are then embedded within the organizational knowledge base.**
 - **Develop services and products leveraging on these innovations.**

Participating in EU R&D projects

- **Early stages of the product life-cycle are financed by the research undertaken during R&D projects.**
- **Freedom to explore new ideas compared with traditional funding choices.**
- **Financial relief to allow longer and deeper attention to the development process and research taken generated around the product or service.**

Participating in EU R&D projects

- **Potential use of company's market-ready products within the scope of the project.**
- **Increase the number of features available in the product or service.**
- **(application specific) Test the device in different locations that were not considered before to analyze its performance.**

Participating in EU R&D projects

- **Hire MSc and PhD personnel.**
 - **EU R&D projects foster an environment where this set of skill is welcomed.**
- **Develop in-house knowledge about project management techniques and processes.**
- **Increase company visibility through dissemination and communication events:**
 - **Participation in fairs and industry events**
 - **Academic publications**
 - **Participation in networking events to form consortiums.**



Thank you for your attention

Jesús Sánchez

Contact us

Calle Palma de Mallorca 2,
30009, Murcia (Spain)

+34 868123395

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