

WORLD  SENSING

Press Guide



About Worldsensing

Worldsensing is a global IoT pioneer. Founded in 2008, the industrial monitoring company works with over 270 engineering partners in more than 60 countries to provide safety through critical infrastructure monitoring in mining, construction, rail and structural health.

Worldsensing has more than 80 employees and offices in Barcelona, London, Los Angeles and Singapore. Its investors include Cisco Systems, Mitsui & Co, McRock Capital and ETF Partners, among others.

The Industrial Monitoring Expert

Worldsensing connects critical infrastructure to the Internet of Things.

We measure how geotechnical, geospatial and structural conditions influence the performance of critical assets.

MONITORING EXPERTISE

Geotechnical

Geospatial

Structural





Ignasi Vilajosana

CEO and co-founder

Ignasi Vilajosana holds a PhD in Physics and is ranked among the top 100 leaders of tomorrow chosen by the Spanish Choiseul Foundation.

With more than 10 years of experience in the IT and geophysics sector, the serial entrepreneur has a strong background in all stages of start-up founding, development, and growth and has helped build Worldsensing into a leading Industrial Internet of Things provider.

Thought Leaders

Steve Cahill

COO

Steve Cahill joined the Worldsensing team after a 35-year career in technology. His previous experience includes senior positions at ICL, Computer Sciences Corporation, Unitrans and Orange Business Services, where he was responsible for global budgets worth more than USD\$1 billion.

He also held the post of general manager of the pan-European Shared Service Centre and vice president for Spain at Colt Technology Services.

David Deprez

CFO

David Deprez has more than 20 years' experience as an entrepreneur and advisor of fast-growing companies. He has raised more than €20 million in venture capital over the past 10 years.

After having worked as a technologist and strategist with Accenture in the UK and USA, he co-founded multiple companies including Infomesh and Gextech in the UK and Chrysalis and Appically in Spain.

Albert Zaragoza

CTO

With more than 15 years' experience, Albert Zaragoza has helped companies transform their technology roadmaps by combining deep technical expertise with proven management skills.

He leads the engineering teams at Worldsensing and previously served as vice president of engineering at EVERYTHING, where his team built an award-winning IoT platform used by companies such as Coca-Cola, Diageo and GE.



Thought Leaders Cont.

Angela Lluch

Geotechnical Engineer

Angela Lluch has more than 10 years' experience in geotechnics and engineering geology working as a consultant on major tunneling projects in Spain and Singapore. She is now an Application Engineer and provides support on the user experience for Loadsensing, the globally leading wireless monitoring solution by Worldsensing.

She holds a degree in Geology from the University of Barcelona and a degree in Civil Engineering from the Polytechnic University of Catalonia.

Juan Perez

Geotechnical Engineer

Juan Perez is the product owner for Loadsensing, the globally recognized wireless monitoring solution. A respected geotechnical engineer, he has more than 14 years' experience and knowledge of geotechnics, construction site management, instrumentation, data management, data acquisition systems and low-power wide area networks.

Prior to joining Worldsensing, he worked at the engineering services firm Ingauss and the bridge structure specialist MK4.

Andrea Bartoli

Director of Business Development

Dr. Andrea Bartoli heads up Worldsensing's business development unit working on projects in IoT, security, 5G and other advanced technologies. He holds degrees from the Università Politecnico di Milano and the Universitat Politècnica de Catalunya and was awarded a doctorate in telecommunications engineering cum laude by the Centre Tecnològic de Telecomunicacions de Catalunya for his work on the MAESTRO machine-to-machine and embedded systems security protocol suite.



Thought Leaders Cont.

Fernando Perez

Sale Area Manager

Fernando Perez leads Worldsensing's sales business development in Latin America and is the company's expert for the mining vertical. With more than five years' experience in the mining and oil sector, he has traveled widely to support clients in Africa, Eastern Europe and Latin America.

He holds mining degrees from the University of Asturias and a master's in project management from the University of Barcelona.

Ignasi Garcia-Milà

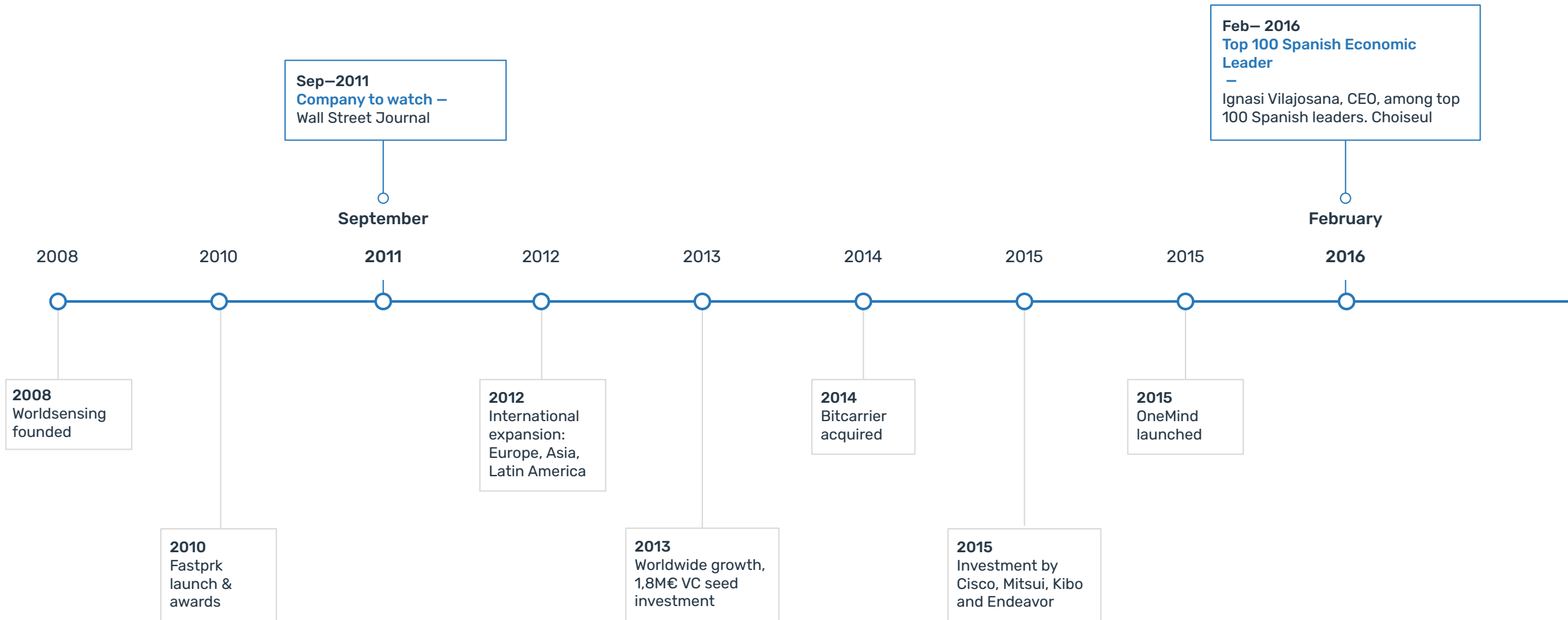
Project Manager

Ignasi Garcia-Milà has been managing innovation projects for public entities, technological centers and companies for the past 10 years. He now works in the business development unit at Worldsensing, developing products and solutions for the Loadsensing portfolio.

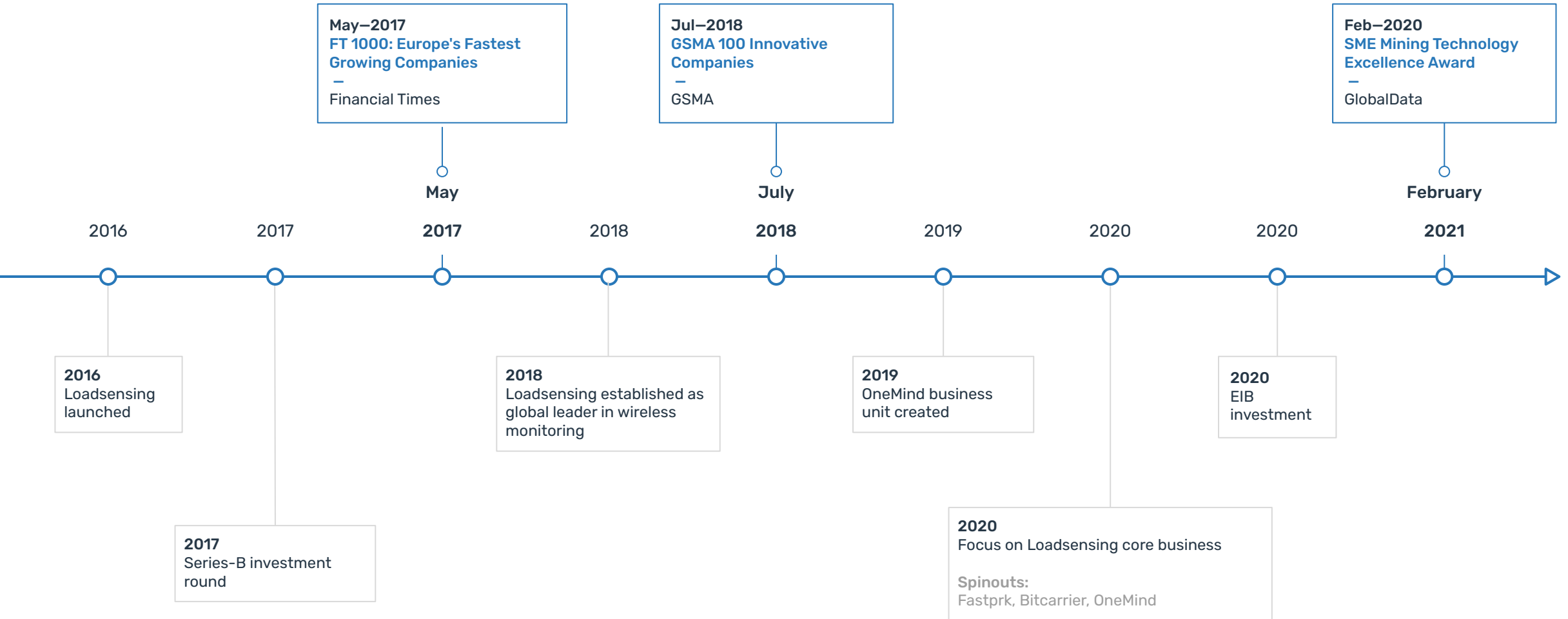
He holds a degree in computer science from the Technical University of Catalonia and a master's in cognitive systems, interaction and media from the Pompeu Fabra University.



Worldsensing Timeline



Worldsensing Timeline



Highlight of Awards **received**



**Worldsensing named
Best SME**

2020



**Winner of Stockholm
Smart City Living Labs
Global Award**

2011



**Winner of IBM London
Smart Camp**

2010



**Worldsensing named
Global Smart City Player**



**Ignasi Vilajosana
Chosen as Spanish
Endeavor Entrepreneur**



**Worldsensing CEO
Nominated in TOP of
100**



About Loadsensing by Worldsensing

Loadsensing is the leading industrial monitoring solution by IoT pioneer Worldsensing. Loadsensing enables near real-time data acquisition of geotechnical, geospatial and structural sensors as well as remote device, data and network management.

Engineers and experts tasked with industrial asset monitoring can now capture sensor data through Loadsensing edge devices and send information to the cloud for 24/7 connectivity management. With over 1,000 network deployments connecting over 170,000 sensors around the globe, Loadsensing is rapidly becoming the new standard within industries such as mining, construction, and rail.

Loadsensing **Key Success Stories**

The trusted partner for monitoring large-scale critical infrastructure projects.



- HS1 and Crossrail - UK
- [U5 Metro Line](#) - Germany
- Roslagsbanan Railway - Sweden
- [Grand Paris Metro](#) - France
- [Fornebu Metro](#) - Norway
- [Eppenbergtunnel](#) - Switzerland
- Phosphate mine - Brasil
- [Olešná and Slezská Harta dams](#) -Czech Republic
- [Boddington Mine](#) - Australia
- [Atacama desert copper mine](#) - Chile
- [Boliden Aitik mine](#) - Sweden
- [Assyakirin concrete dam](#) - Malaysia
- [Gediminas' Tower](#) - Lithuania
- [Ponte Vecchio](#) - Italy

Diversity and inclusion

20+

nationalities.

With employees from 25 countries, cultural diversity is a well established part of Worldsensing.

21%

women in leadership.

The share of women in management positions has increased over the years to 21.4%.

45%

working parents.

Worldsensing empowers its people and their potential by embracing a work-life balance.

36%

of partners located in emerging markets.

This reflects Worldsensing's International reach in emerging, developing and frontier markets as well as how we operate.



12 ways we focus on sustainability



1. We are promoting the use of our Loadsensing technology to address four of the **United Nation's sustainable development goals**, including improvements in affordable and clean energy and building resilient infrastructure.
2. We are also **involved in the European Union-funded [Greenedge project](#)**, which seeks to **promote, design and implement more energy efficient edge computing systems** (Grant Agreement 953775).
3. We are a **member of the European Institute of Innovation and Technology [EIT RawMaterials](#) group**, which aims for sustainable development of the raw materials sector.
4. We are working in the European Union-funded [Harvestore project](#) to **explore energy harvesting and storage into Loadsensing devices** (Grant agreement 824072).
5. Our investors include ETF Partners, a European fund investing in companies delivering **sustainability through innovation**.
6. Our **wireless technology helps cut waste** by reducing the need for cabling in critical infrastructure monitoring.
7. We are committed to using more **sustainable packaging and reducing packaging** where possible.
8. Our **devices are designed for low power consumption**, extending battery life for up to a decade.
9. Our devices can also be powered by external **renewable energy** sources such as solar panels.
10. We are looking to further **reduce the power requirements** of our products where possible.
11. We have publicly committed to the terms of the **European Green Deal**.
12. We are looking at ways to improve **electronic device waste disposal**.





Sustainable by Design

WORLDSENSING

We are backed by investors who believe that smart technology promotes sustainability and drives corporate social responsibility.



Cable-free.



Reduced
technology
stack.



Low-power,
long life.



Alternative
power
sources.



No
digging.



Wireless
monitoring of
environmental
indicators.



Supporting
UN
Development
Goals.



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