


# Company Profile

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An Introduction to inavitas

be aware • be ahead • be  inavitas

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# Our Journey with inavitas



# About inavitas

inavitas is the leading technology provider in the sector with its **smart energy monitoring and management solutions** since its establishment in 2012.

With its **advanced energy intelligence platform**, it provides **end-to-end solutions** at all points, **from electricity generation to the end consumer**.

Being among the fastest growing companies in the sector with more than **20 years of expert experience** and **increasing R&D investments** every year, is one of the global leaders of the sector with different collaborations and sales channels in global markets.

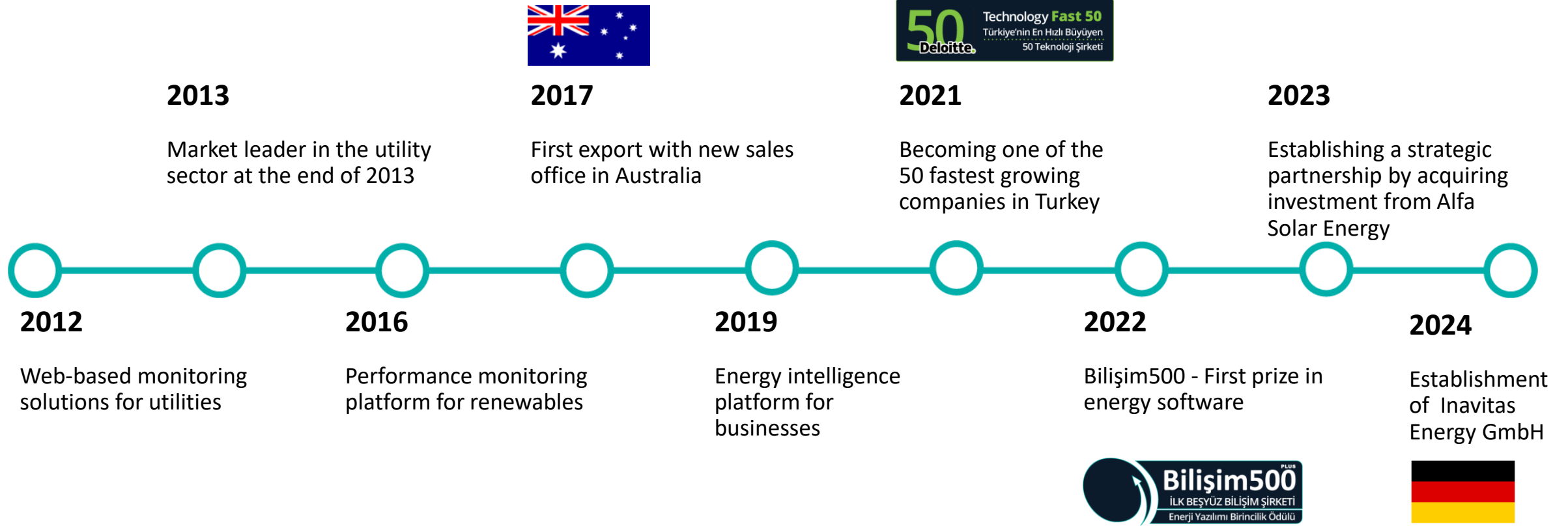
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## For a sustainable world!

We contribute to sustainable future goals by accelerating digital transformation and increasing efficiency at every stage of energy management.



# Our History



# Our Qualifications



## Registered R&D Center

More than 25 R&D projects including EU projects, driven by R&D expertise



## METU Technopolis Company

METU Technopolis office where world-class technologies are developed



## Global Expansion

Several offices and implemented projects in many countries



## Collaborations with Leading Service Providers

Collaborations with leading service providers and global companies



## Compliance to Quality Standards

Compliance with quality standards and maturity in processes with a vision focused on information security

# Our Impact



**80+**

Visionaries Driving Innovation



**€15M+**

Annual Revenue and Growing



**50+**

Pioneering R&D Projects Realized



**50 GW+**

Portfolio Under Proactive Management



**10+**

Cutting Edge Software Solutions



**10+**

Countries with Implemented Projects

# Leadership



**Dr. Alper Terciyanlı**  
Chairman of the Board



**Erman Terciyanlı**  
Chief Executive Officer,  
Board Member



**Hüseyin Mertcan Karabaş**  
Board Member



**Furkan Karabaş**  
Board Member



**Onur Emre Terciyanlı**  
Chief Finance Officer,  
Board Member



**İstemi Mavi**  
Chief Growth Officer



**Dr. Ayşegül Kutlay**  
VP - Engineering



**Gözde Laçın**  
Country Business  
Development Manager



# Awards



**Bilişim500**  
**First Place in Energy Software**  
**Category**



**Deloitte – Technology Fast 50**  
**Turkey's 50 Fastest Growing**  
**Technology Companies**



**Turkishtime Ar-Ge 250**  
**One of Turkey's 250 Companies with the**  
**Highest R&D Expenditures**



**Global Economics**  
**Most Innovative Energy**  
**Management Solution Provider**



**Green Invitation - Initiative Pavilion**  
**Most Powerful Impact on Climate**

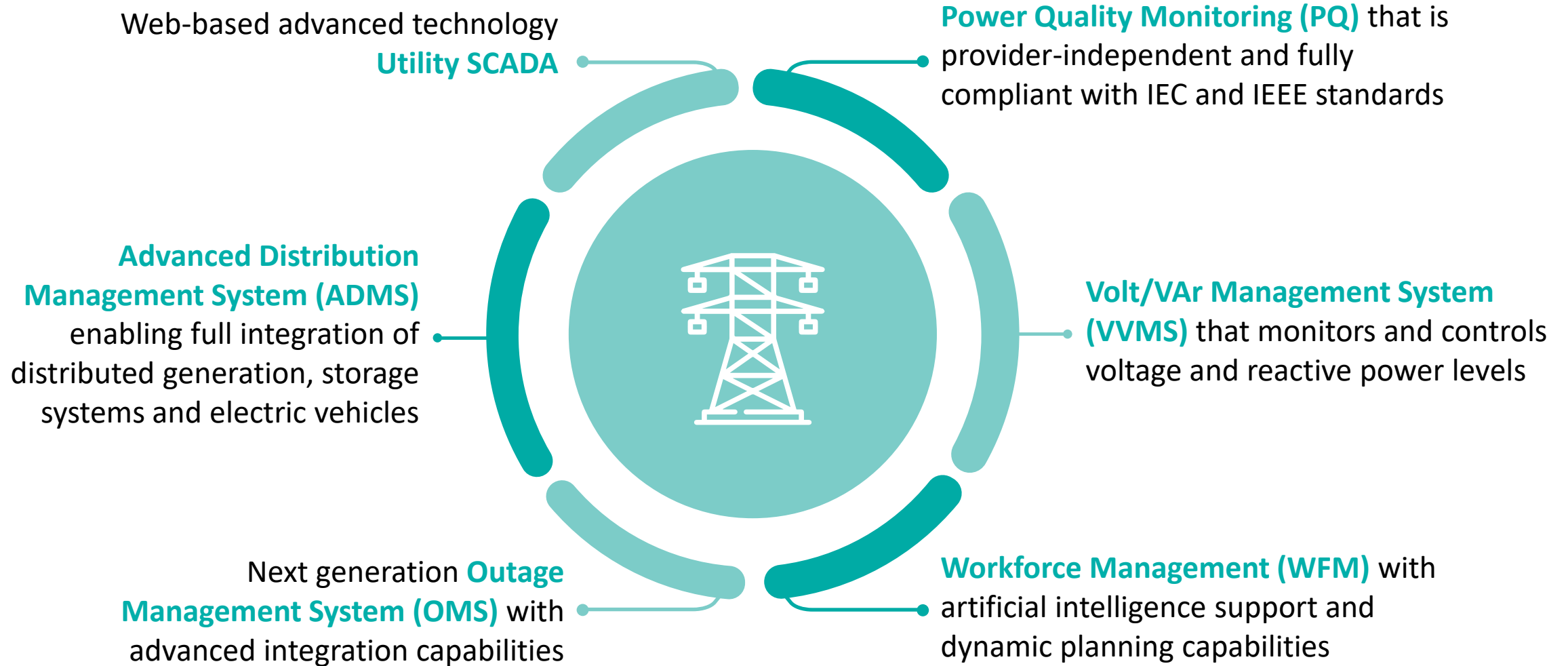


**CMMI**  
**Turkey's First CMMI Certification**  
**in the Energy Sector**

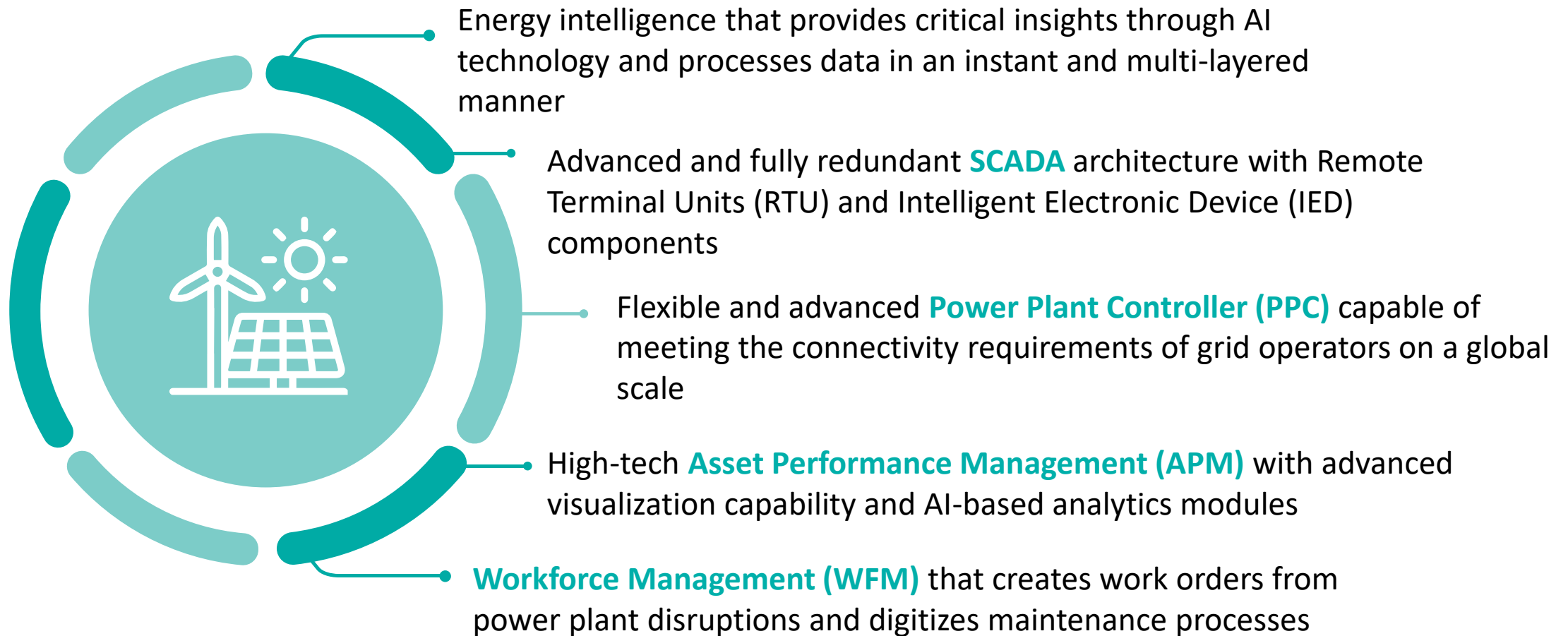
# Products and Solutions



# Utilities

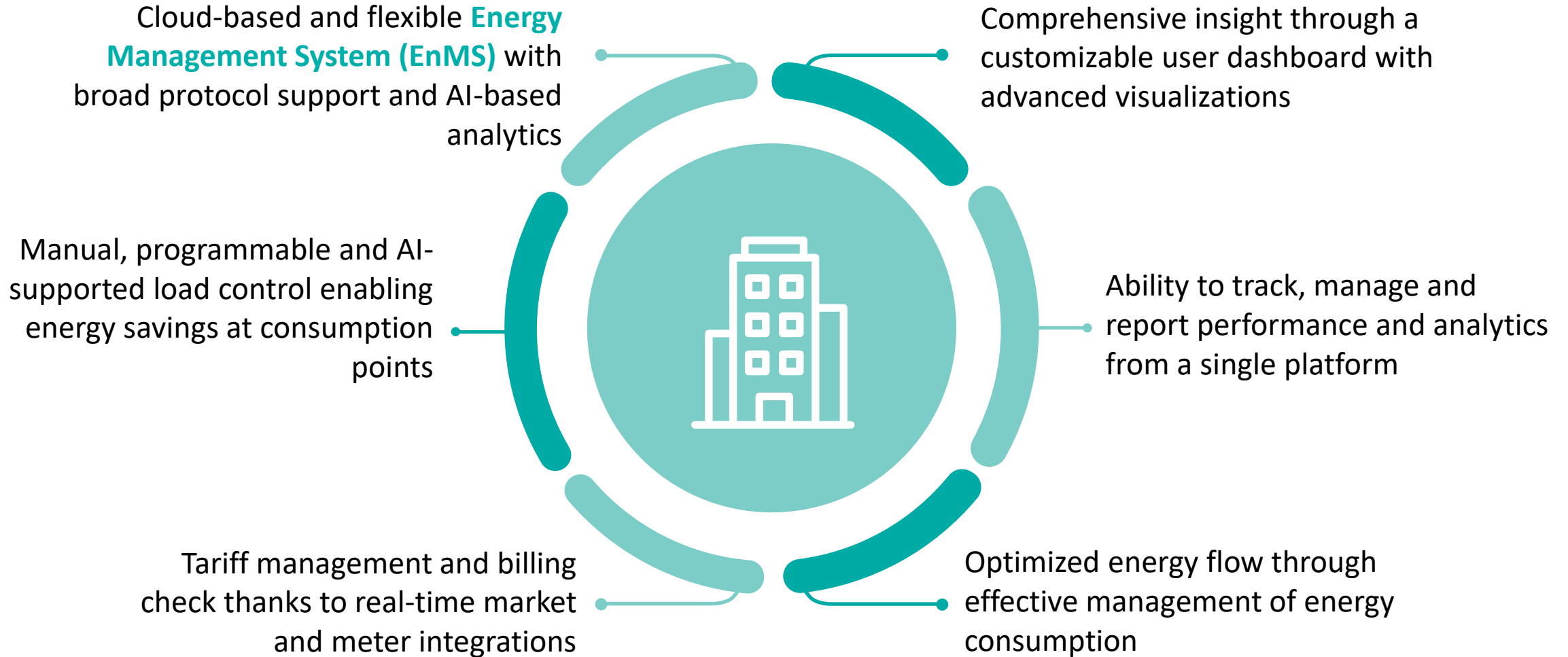


# Renewables





# Businesses (Commercial & Industrial)



# IoT Devices

inavitas uses IoT devices to work with the energy intelligence platform developed to enable monitoring, controlling and managing the energy of electricity distribution companies, renewable energy sources and businesses.

The smart devices process relevant energy data and transform the energy data into energy intelligence used in the platform.

## Innovative Technology

- Wide protocol support
- Embedded communication - 3G/4G, Ethernet, Wifi and BLE
- Enhanced communication and data storage
- Modular and flexible design
- User-friendly programming interfaces



# PANAMA

## Project Informations

**PROJECT NAME:** Descriptive Analytics and Advanced Workforce Management for the Optimization of Maintenance and Repair Processes in Solar Power Plants

**PROJE TYPE:** ERANET

**PROJECT START DATE:** 01.07.2020

**PROJECT END DATE:** 31.03.2023

**PROJE BUDGET:** 2.400.000

**SUMMARY OF PROJECT:** In this project, the aim is to develop an Operations and Maintenance (O&M) package for solar power plants utilizing predictive analytics, advanced performance monitoring, and mobile workforce management tools. The activities carried out within the scope of the project will contribute to the inavitas Plant and inavitas WFM products. However, additional work is required for the integration of the algorithms developed within the project into the WFM application.

# RELIAREN-PRO

## Project Informations

**PROJECT NAME:** Reliability of Long-Term Renewable Energy Production Based on PV Technologies (ReliaREN-Pro)

**TYPE:** TÜBİTAK and ERANET

**PROJECT START DATE:** 01.01.2022

**PROJECT END DATE:** 31.12.2024

**PROJE BUDGET:** 2.220.330,97

**SUMMARY OF PROJECT:** ReliaREN-Pro aims to ensure the security of supply in the electric energy system. This is achieved by increasing the trust in renewable electricity supply by increasing the reliability of photovoltaic (PV) power plants as well as plant ICT infrastructure in Europe. The approach of ReliaREN-Pro is based on two independent pillars. They both form rings of a chain in reliable and renewable electric energy supply valid for all power systems integrating PV power plants. On the one hand we aim to increase the reliability of photovoltaic power plants by better failure analysis at the module and plant level to minimize losses and increase the yield as well as to improve the long-time performance with better O&M services.



# MIDAS

## Project Informations

**PROJECT NAME:** Development of a Multi-Input and Intelligent Distribution Automation System Project (MIDAS)

**PROJE TYPE:** TÜBİTAK

**PROJECT START DATE:** 01.02.2016

**PROJECT END DATE:** 30.06.2018

**PROJE BUDGET:** 1.409.828

**SUMMARY OF PROJECT:** This project aims to develop a distribution automation system that predicts renewable energy generation, combines the data collected from the field with these predictions to find the optimal power flow, and enables system control through a decision support system. The related work will also support the Inavitas Business product.

# PV FORECAST

## Project Informations

**PROJECT NAME:** Development of High-Accuracy Production Forecasts for Solar Energy Plants Using Image Recognition-Based Deep Learning Algorithms

**PROJE TYPE:** TÜBİTAK

**PROJECT START DATE:** 1.1.2021

**PROJECT END DATE:** 31.12.2022

**PROJE BUDGET:** 912.672

**SUMMARY OF PROJECT:** In this project, significant losses in production are being experienced due to deviations in solar energy forecasts. As part of the project carried out by Inavitas, a renewable energy plant was monitored, and the effectiveness of the developed forecasting algorithm was observed during this process. The primary objective of the project is to develop hardware capable of running this forecasting algorithm. Hardware capable of making energy production forecasts in renewable energy plants and performing on-site calculations has been developed. In addition to this hardware, software used by Inavitas for monitoring purposes has also been developed. As a result, both software and hardware have been developed to monitor the energy plant.

# References



# Utilities

21+

Utilities

50.000+

Measurement Points

10+

Supported Industrial  
Protocols

- Başkent
- Ayedaş
- Toroslar





# Renewables

2000+

Power Plants

100+

Expert Engineers

10.000+

Installed IoT Devices



# Businesses (Commercial and Industrial)

5000+

Operating Devices

2500+

Measurement Points

300+

Businesses



# Thank you!

## TÜRKİYE (HQ)

İnönü Mahallesi,  
1748. Sokak,  
No: 1, Yenimahalle,  
Ankara

## TÜRKİYE (R&D Center)

İnönü Mah. Fatih Sultan  
Mehmet Blv. Vega Cadde,  
B Blok, 412/23  
Yenimahalle, Ankara

## GERMANY

Grafenberger Allee 297,  
40237 Düsseldorf

## AUSTRALIA

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Queen St.  
Brisbane, 4000,  
Queensland