



*Building a sustainable world*



**Operations & Maintenance**  
Photovoltaic solar plants



# About Bester

Introduction | History



# O&M Services

Team | Certifications | Type of PV installations | Experience | Advantages | Services



# Contact





## Technologies



A global leader in Development, Engineering, Construction, and **Operations and Maintenance** of renewable energy infrastructure, contributing to environmental sustainability and social well-being.

## Business Lines



**Development**



**EPC**

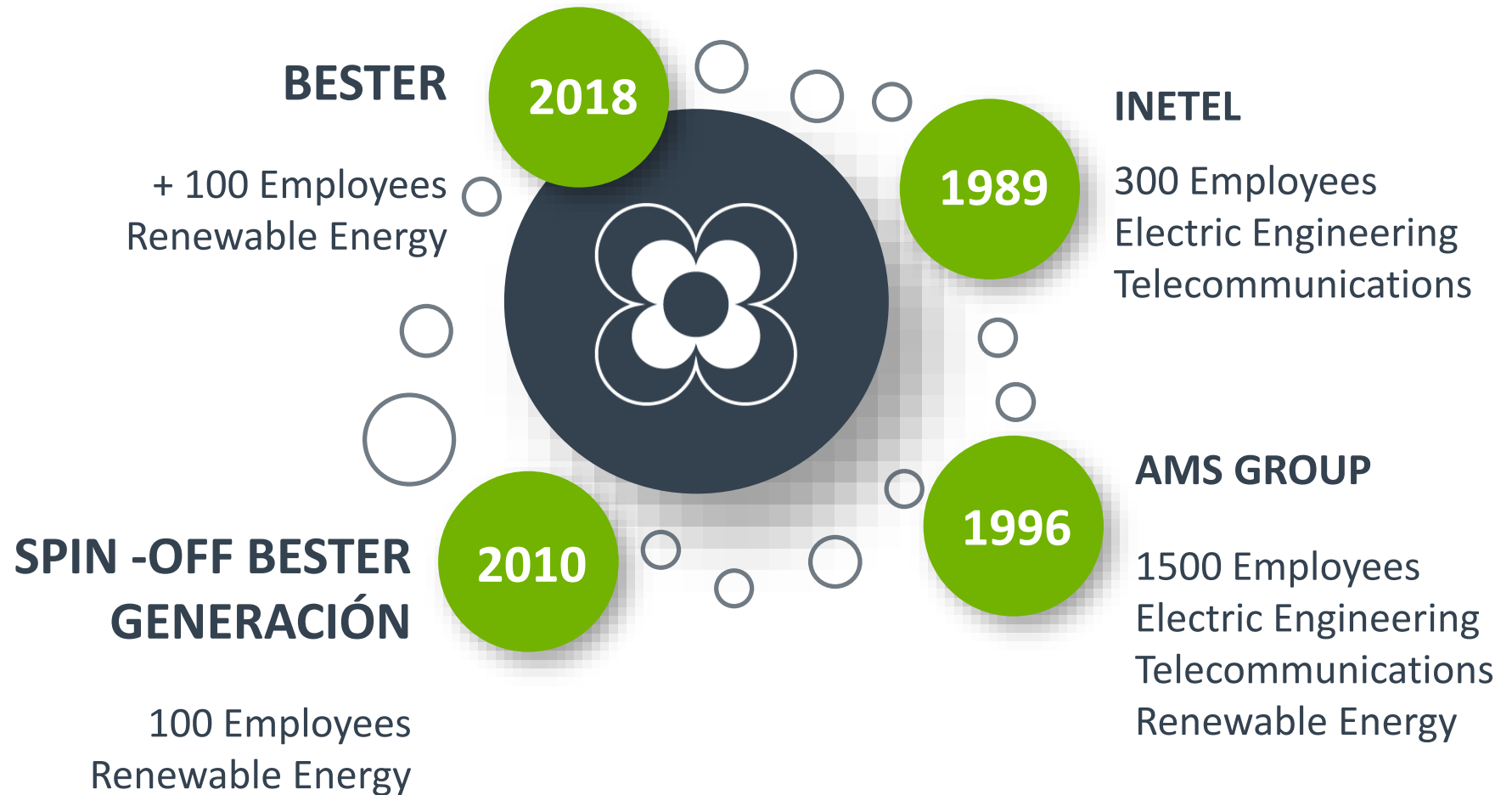


**Operations & Maintenance**





# History



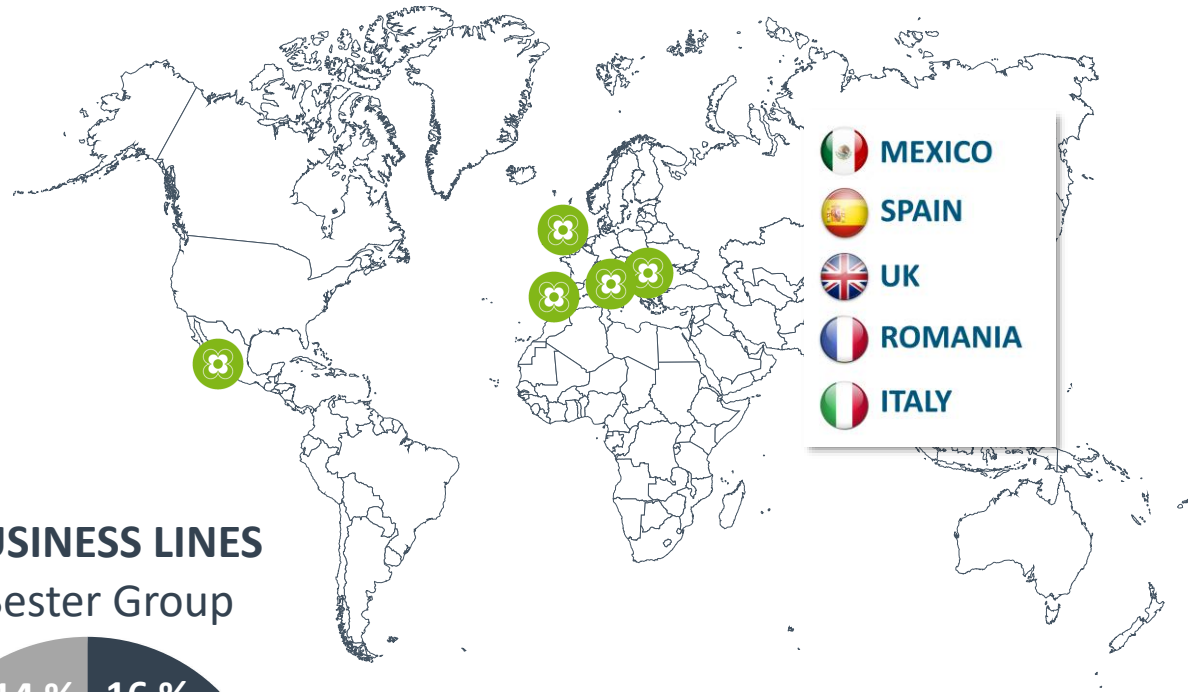
# Team



+ 100 employees highly qualified professionals  
and **more than 40% in O&M services.**

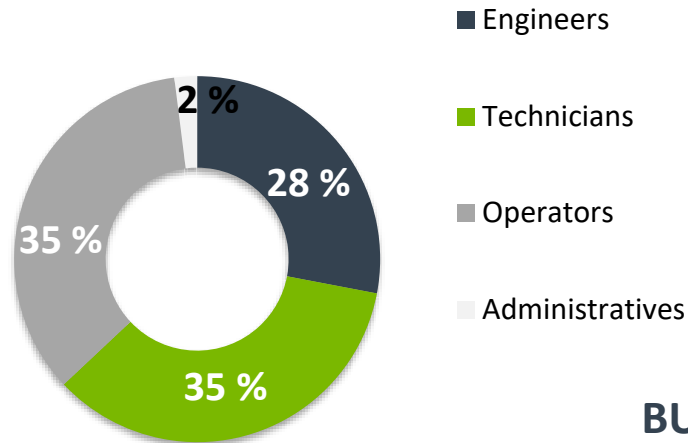
## GEOGRAPHICAL DISTRIBUTION

O&M employees



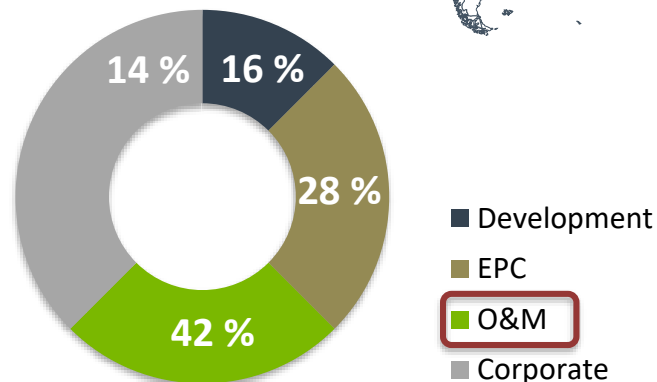
## PROFESSIONAL PROFILE

O&M employees



## BUSINESS LINES

Bester Group





- Secure the value and profitability of your long-term installation

- You can trust  **Bester**

ISO 9001

**BUREAU VERITAS**  
Certification



OHSAS 18001

**BUREAU VERITAS**  
Certification



ISO 14001

**BUREAU VERITAS**  
Certification



ISO 14064

**BUREAU VERITAS**  
Certification





# Type of PV installations



Large scale PV plant



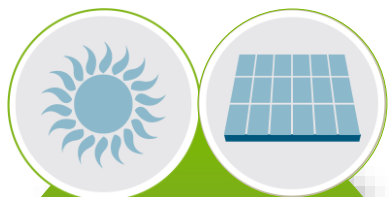
PV system on greenhouse



Rooftop PV plant

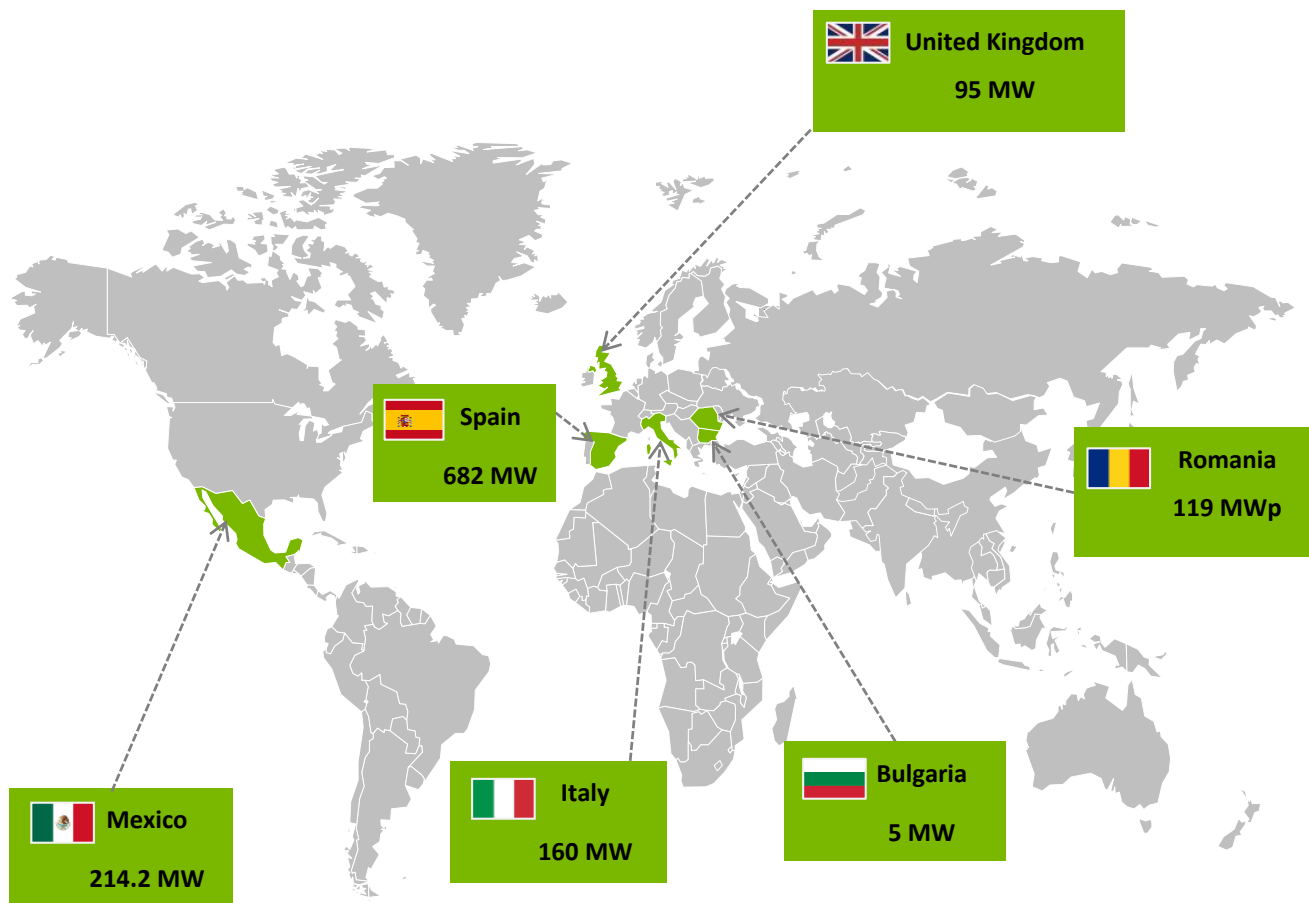


2010-2019



1300 MW



+ 100  
solar plants





# Advantages Bester O&M Services



-  Full service Operation & Maintenance
-  Video wall exclusive for monitoring PV plants
-  Own monitoring platform
-  Service bond to guarantee the O&M performance



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# Advantages Bester O&M Services



Video wall exclusive for monitoring PV plants. Double control room.



MEXICO



SPAIN







## Preventive maintenance

- Inverters, transformers and MV switchgear periodic maintenance.
- Module and equipment Cleaning.
- Grounds Maintenance/Pest control.

## Predictive maintenance

- Implementing procedures.
- Planning based on the annual range.
- Performance Analysis (modules and other equipment).
- Thermographic Studies.

## Corrective maintenance:

- Creation and Update of Technical Training and Procedures.
- Repairs minimizing production losses due to failure.





## Other Services

- Management of the installed equipment warranties and insurance policies that cover the renewable assets against unexpected contingencies.
- DC Health Performance Recommendations.
- Site security and surveillance.
- Develop improvement plans for each renewable asset in order to achieve progressive increases in production.



## Monitoring

- Real-Time Power Plant Monitoring to ensure optimal production of all renewable plants.
- Proprietary monitoring platform.
- In-house monitoring center with video wall (designed for PV plants).



## Reporting

- Alarms daily Report.
- Weekly Performance Engineering Reviews.
- Monthly In-Depth Performance Analysis Report.





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a sustainable world*





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