



## **AGENDA**

## 1. MARTIFER GROUP

General Overview

## 2. MARTIFER SOLAR | PRESENTATON

- Core Business | Added Value
- Worldwide presence | Results to date (MW) | Financial data
- Technical Products & Solutions

## 3. MARTIFER SOLAR | BUSINESS SEGMENTS

• Track Record | Key Figures

# MARTIFER SOLAR

1. MARTIFER GROUP

Martifer Group Headquarters | Oliveira de Frades, Portugal



## MARTIFER GROUP | GENERAL OVERVIEW

- Core activities: Construction | Solar
- More than 3,000 employees (on December 31, 2011)
- Listed on Euronext Lisbon (IPO June 2007)
- Annual revenues average close to 600 million euro in the past three years

# MARTIFER







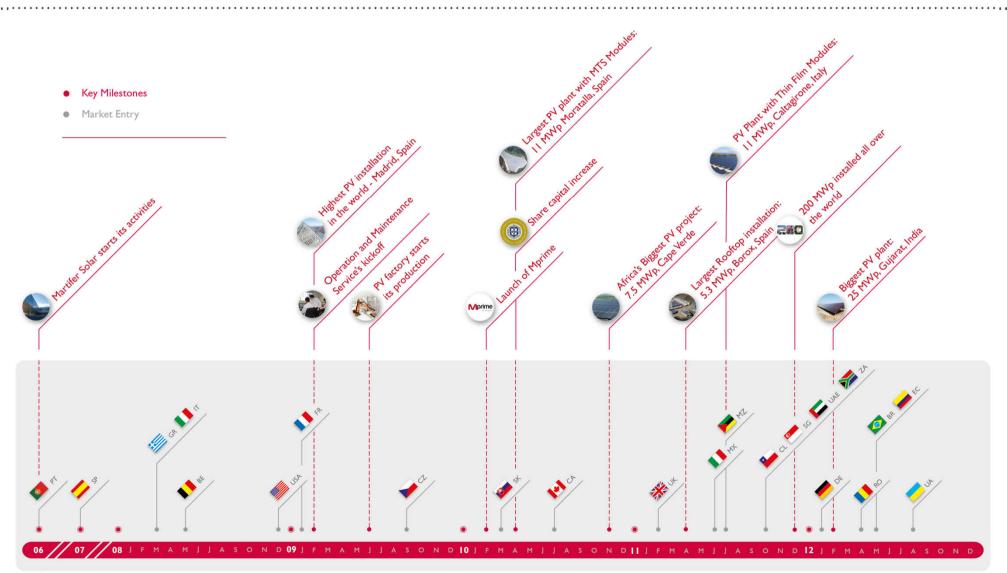
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Martifer Solar Headquarters | Oliveira de Frades, Portugal



# MARTIFER SOLAR | HISTORY





## MARTIFER SOLAR | PRESENTATION

- Company specialized in Solar PV Energy Solutions
- Headquarters: Oliveira de Frades, with 150 employees
- Factory and offices to 10,000 sqm
- Company headcount: more than 400 by end of 2011
- Present in more than 20 countries across 4 continents (Europe, America, Asia and Africa).

Top five major groups offering integrated solutions in PV Market



Offer innovative photovoltaic solutions for the management and production of electricity

**VISION** 

**MISSION** 



## MARTIFER SOLAR | CORE BUSINESS

**Martifer Solar** covers the whole photovoltaic process supported by:

- Its financial and vertical integration capacity,
- The global control of the project, in terms of technology, quality, time and cost,
- The best guarantees in the market.

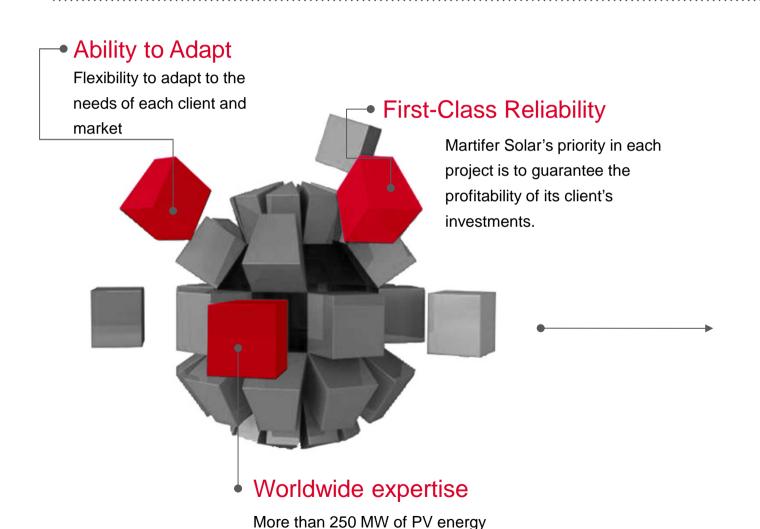
We go along with you, step by step.

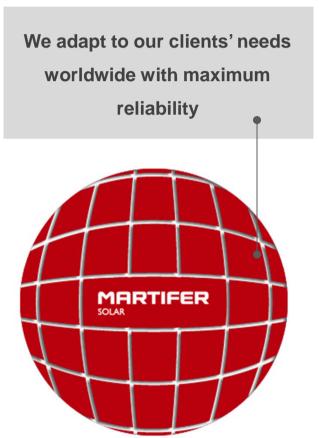
# 360° PV SOLUTIONS





## MARTIFER SOLAR | ADDED VALUE





installed all over the world



## MARTIFER SOLAR | WORLDWIDE PRESENCE



## **EUROPE**

- Spain
- Slovakia
- Italy
- United Kingdom
- Greece
- Germany
- Belgium
- Romania
- France
- Ukraine
- Czech Republic

## NORTH AMERICA

- USA
- Canada

## **SOUTH AMERICA**

- Mexico
- Brazil
- Chile
- Ecuador

## **ASIA**

- India
- Singapore

## **AFRICA**

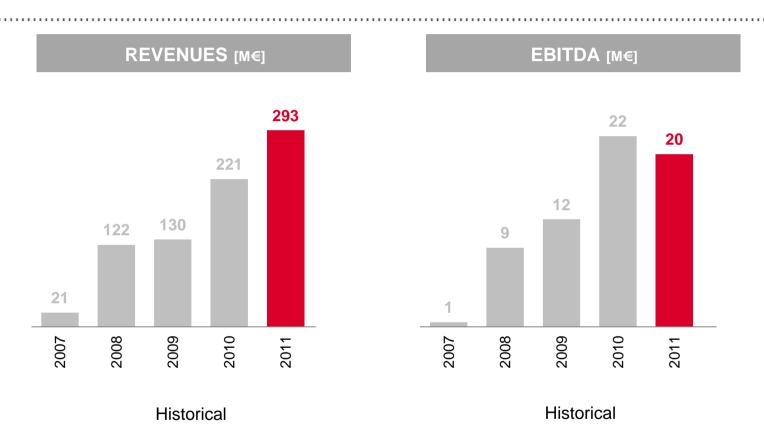
- Cape Verde
  South Africa
- Mozambique

## MIDDLE EAST

United Arab Emirates



## MARTIFER SOLAR | FINANCIAL DATA



Five years in a row of strong operacional performance

## MARTIFER SOLAR

## MARTIFER SOLAR | FACTORY | MODULE





- Top #3 in TUV 2010 Yield Energy Annual Contest
- Power range from 210 to 245Wp
- Production capacity: 50 MW
- Completely automated and robotized
- Strict quality control
  - ISO 9001
  - ISO 14001
  - **OSHAS 18001**

























# MARTIFER SOLAR | PRODUCTS

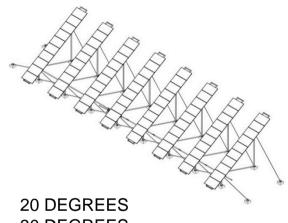
# **SMARTPARK**



UNO SINGLE DUAL



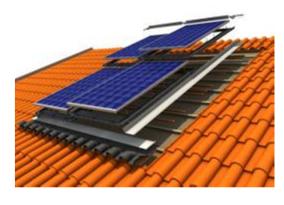
# **SMARTRACKER**



30 DEGREES HORIZONTAL AXIS



# **SMARTROOFING**



INTEGRATED FLAT





# MARTIFER SOLAR | R&D+i | OFF-GRID |

# **SMART STREETLIGHT**



BATTERIES ON THE TOP BATTERIES ON THE BASE

# **SMARTVOLT**



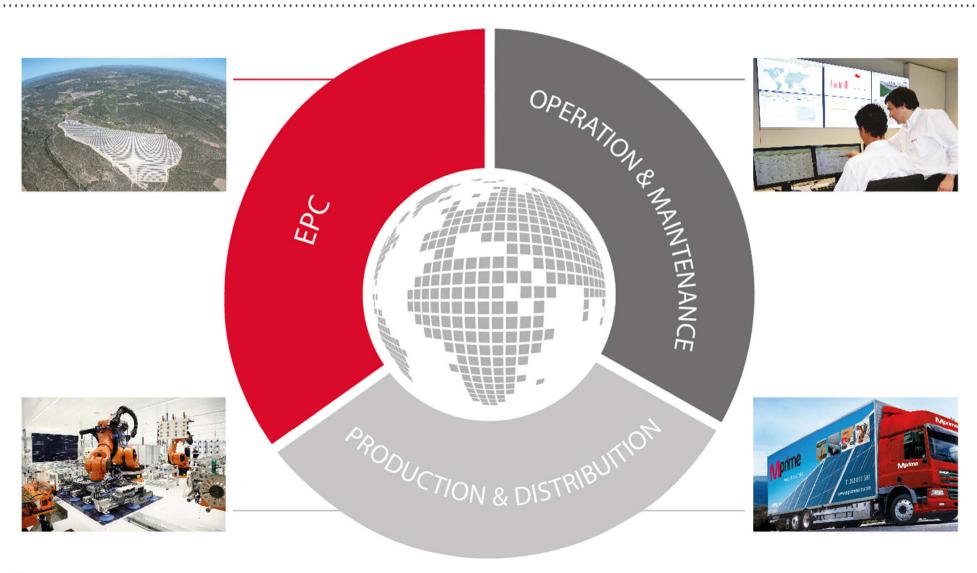
# MARTIFER SOLAR







# MARTIFER SOLAR | BUSINESS SEGMENTS: WHAT WE OFFER





## MARTIFER SOLAR | BUSINESS SEGMENTS | PRODUCTION & DISTRIBUTION



# PV EQUIPMENTS & SOLUTIONS

- Concept: "Plug & Play" kits
- A wide range of PV modules and components
- Flexible logistics to adapt to each client's requirements
- Superior after-sales service
- International distributor based in Portugal



**Modules Producer** 



Kits



Components



Distribution



**Delivery** 



# MARTIFER SOLAR | WORLDWIDE ACHIEVEMENTS







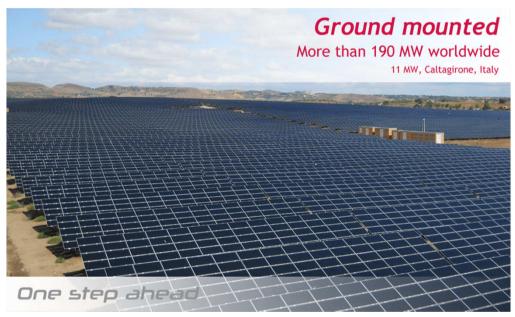
# MARTIFER SOLAR | WORLDWIDE ACHIEVEMENTS







# MARTIFER SOLAR | WORLDWIDE ACHIEVEMENTS





## MARTIFER SOLAR | EPC TRACK RECORD | UTILITY SCALE







# KEY FIGURES\*

- 60 PV installations worldwide
- 115.6 MWp installed

### References

- ✓ Veules les Roses (France), 5.5 MWp
- ✓ Caltagirone (Italy), 11 MWp
- ✓ Santiago and Sal (Cape Verde), 7.5 MWp
- ✓ Gujarat (India), 25 MWp



## MARTIFER SOLAR | EPC TRACK RECORD | UTILITY SCALE - TRACKER







# KEY FIGURES\*

- 27 PV installations worldwide
- 84.9 MWp installed

#### References

- ✓ Moratalla (Spain), 11.1 MWp
- ✓ Casteltermini (Italy), 3 MWp
- ✓ Chiaramonte (Italy), 4 MWp
- ✓ Monreale (Italy), 5 MWp



## MARTIFER SOLAR | EPC TRACK RECORD | ROOFTOP







# KEY FIGURES\*

- 254 PV installations worldwide
- 64.3 MWp installed

#### References

- ✓ Prague (Czech Republic), 2.9 MWp
- ✓ Hertz Several locations (USA), 1.7 MWp
- ✓ Borox (Spain), 5.3 MWp
- ✓ Aurora (USA), 300 kWp





## MARTIFER SOLAR | EPC TRACK RECORD | BIPV



# KEY ACHIEVEMENTS

## **Emblematic BIPV installations**

- The world's highest PV installation
  - ✓ Cristal tower, Madrid
- Outstanding building integration projects
  - ✓ Alcobendas cultural center, Madrid
- Carports to produce clean energy





## MARTIFER SOLAR | OFF-GRID





# HIGH POTENCIAL

# Developing "Off Grid" solutions

- Water pumping
- Food refrigeration
- Isolated lighting
- Telecommunication towers
- Rural electrification





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