



# GREEN WING SOLAR TECHNOLOGY CO.,LTD

*Beyond your dream  
Green Wing and Wing Green*

2018.05

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A large, dark blue triangle is centered on the page, pointing downwards. It has a subtle drop shadow. Several thin, light blue lines radiate from the corners of the triangle towards the edges of the page.

# GW Solar

Company Overview

# About Us

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## Green Wing Solar Technology Co.,Ltd.

GW Solar is located in Dai Dong – Hoan Son Industry Park, Tien Du District, Bac Ninh Province.

There are two manufactories about **600 employees** with **1GW total Capacity** for the solar modules and projects supply chain based in Vietnam.

It is a younger, active, developing and more promising manufacturer of PV modules, who is rooted in Vietnam and is eyeing the world. GWSolar is constantly making effort to provide best high efficiency PV products and supreme value- added services to customers, to build up a good corporation focusing on the premium market as well as the low market in terms of maintenance demanding. Also most importantly we would like to devote our attentions to the matched customers.



## Top 3 leading manufactory in Vietnam



**01** Continuous growth is our target by By consistently pursuing our product initiative and targeting higher market shares in the various sales regions.

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**02** Our aim is to lead the way in technology, our overriding objective is to align the best technologies with the expectations of our customers.

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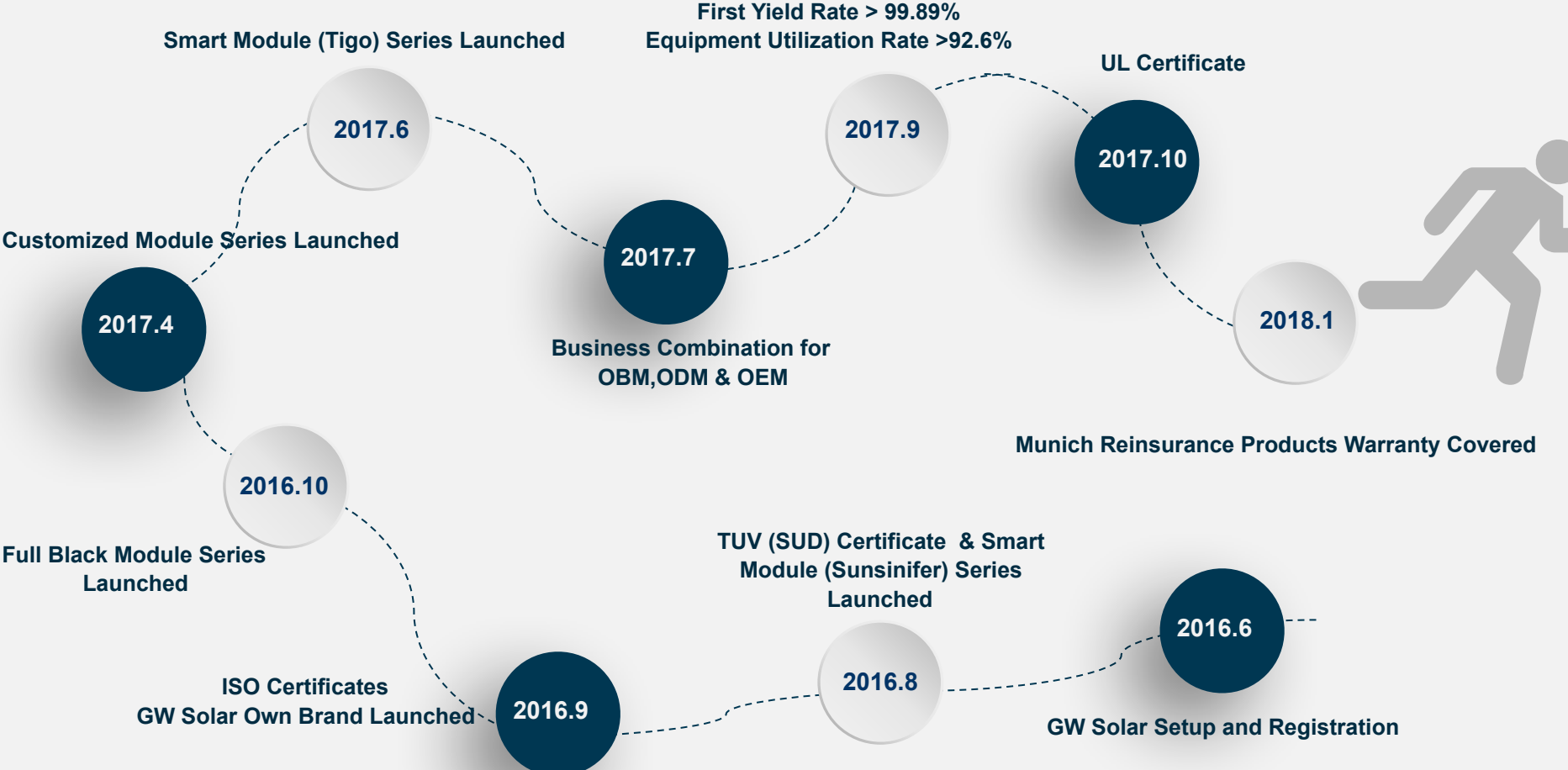
**03** A stable long-term profit performance reflects the financial strength of GW Solar.

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**04** We aim to keep improving these factors and steadily enhance our high-quality, innovative product portfolio in order to delight customers and tie them to the GW Solar brand.

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# GW Solar Milestones



# GW Solar Global Network



**GW Solar HQ  
Factory in Vietnam**



**GW Solar EU Centre  
office in Germany**



**GW Solar CA Centre  
office in USA**



**GW Solar EU warehouse  
in Rotterdam,NL**

Innovation

Intelligence

Professional

Responsibility



# GW Solar Workshop



# GW Solar QC Team



**Innovation**



**Intelligence**

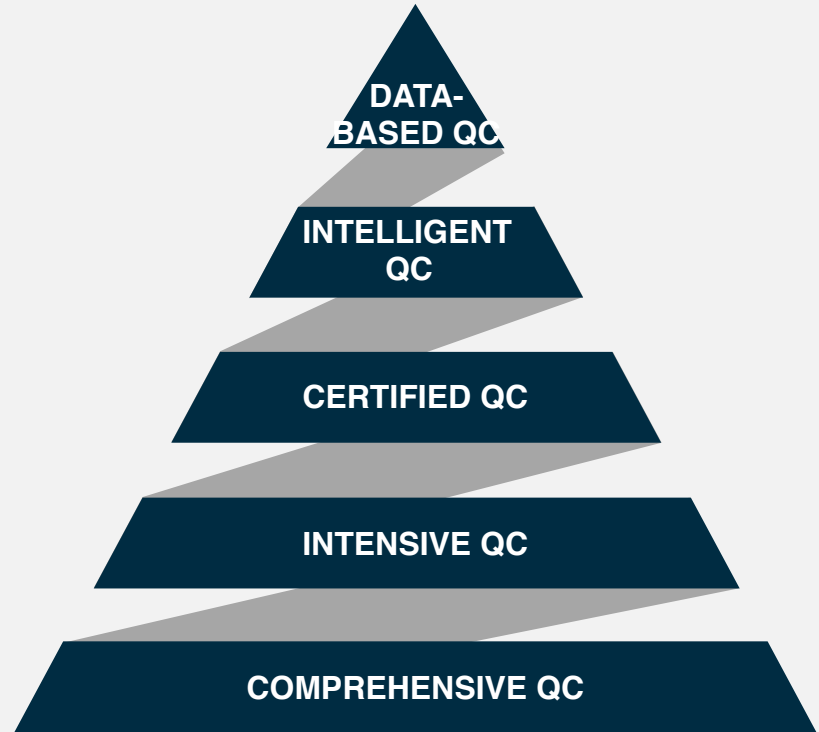


**Professional**



**Responsibility**

*Quality is our life ,Quality Control is one of our market competition over a brand range of products, comprising higher efficiency, more reliability and safety.  
GWSolar has a professional QC team to assure our products with the first class quality .*





# GW Solar Product Classification

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## Economic Product

Built with our Poly crystalline solar cells. Up to 17% efficiency and available in a range of panels from 285(60 pieces cells) or 340(72 pieces cells) watts panels. Optimized for Oasis power plants.



**Economic Product**

## Luxury Product

Delivering up to 21.5% efficiency and available in 310 (60 pieces cells) or 370 (72 pieces cells) watt panels. Perfect for space constrained projects.



**Luxury Product**

**Customized Product**

## Customized Product

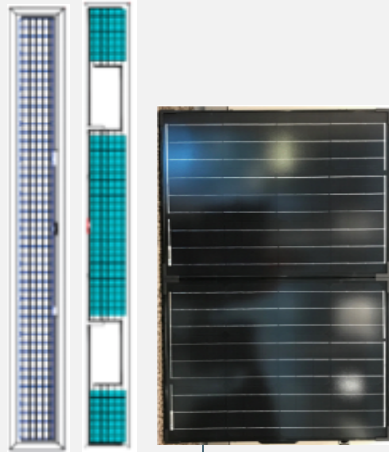
Solar panels satisfy customers individual demand and long-lasting durability at a great value. Compared to other brands, provide great flexibility of demand fluctuations.

# GWSolar Product Portfolio

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Smart Series



Customized Size Series



Double Glass Bifacial Series



Super Full Black Series

# Leading Product Warranty Backed by EU Insurance

## ***GWSolar Product Warranty***

*GWSolar Guarantee a Workmanship Warranty for up to 15 years, linear power warranty for up to 25 years, the company supplies highly qualified goods through the perfect Global supply chain system, production control and relying on strict product quality monitoring and testing system .*

**25 years**

***Company warranty***

**2~5 years**

***Third-party insurance optional warranty***

**10 years**

***Munich RE Insurance Warranty***

**01**

GWSolar provides customer the 25 years of 3rd party product performance warranty insured by the world-leading reinsurance group of Munich Re.

**02**

Solar project insurance service for designated regions can be customized and offered by Munich Re for stable project IRR if GW insured product is used as basis.



# GW Solar

Company Structure

## Our Group Leader

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**Dr. Hongyao Fan**

**CEO of GW Solar**

### ***Educational background***

**DBA** - Doctor of Business Administration /  
(Macau University of Science and Technology)

**MPAcc Supervisor** -Master of Professional Accounting Supervisor /  
(School of Management ,Shanghai University)

### ***Career background***

**General Administration of the People's Republic of China for Quality Supervision and Inspection and Quarantine.** / (Section Chief )

**National Audit office of the People's Republic of China.** / (Deputy Division Chief)

**ASHLAND** / (Composite polymer division CFO)

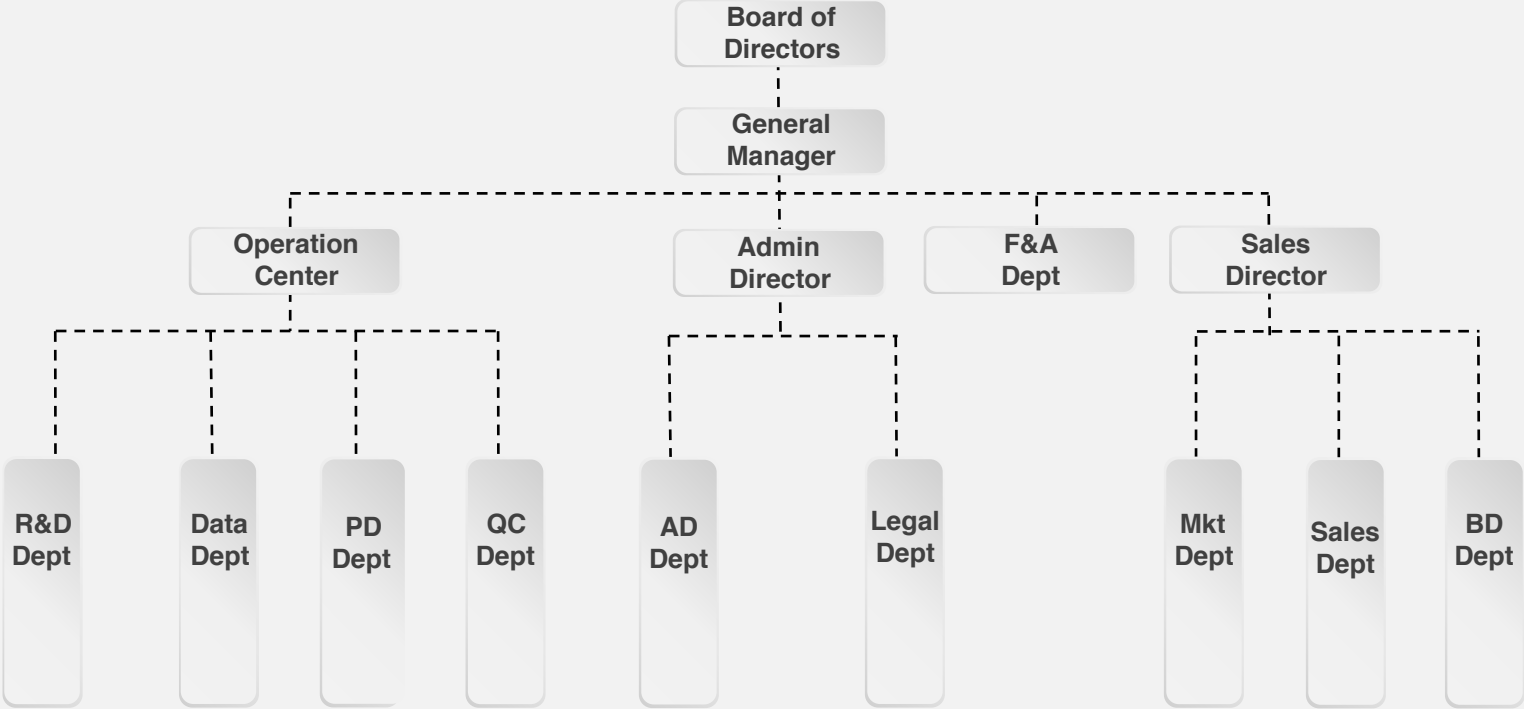
**Thyssen krupp** / (Chinese head-office Vice CFO)

**Electrolux** / (Asian head-office Senior manager of tax funds)

**CSUN** / Vice President / General manager of VSUN factory

**Our Group**

# GWSolar STRUCTURE



# Our Group Scope

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## GW SOLUTIONS & TECHNICAL

We design the whole system including On-grid and Off-grid systems according to your needs, after a careful feasibility study and a technical support with an energy check-up solution.



## GW PROJECT

We have a professional EPC team for the PV Project consulting, offering a service that covers all phases of the project side.



## GW GREEN

We provide the products of the best quality on the market, offering GW brand with made in Vietnam modules.



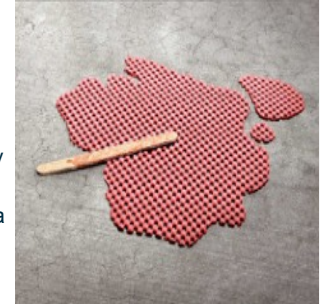
## GW MATING & SUPPORTING

We produce and provide the Whole PV systems Kits through the use of the best components including Inverter and Mounting System for a one-stop business package.



## GW SPECIAL & CUSTOMIZED

We manufacture special and customized modules to satisfy customers individual demand and long-lasting durability at a great value.



# Our Group Strengths

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*“Highly qualified multidisciplinary group with large experience in the field of renewable energy”*

01

Long-lasting relationship with Taiwan Tier1 Solar Cell Suppliers that allow us to get the most competitive price and reliable quality of the GW products.

02

Leading Industry Warranty backed by Munich EU reinsurance company applicable to GW customers worldwide  
Immediate coverage without waiting periods.

03

Rotterdam Central bonded warehouse provide the EU Stocks with extreme fast delivery solution for the EU Customers.

04

GW Solar R&D center provide the Customize products to satisfy the customers individual demand and meet with great flexibility of demand fluctuations .

05

GW's total quality management system is constructed through core processes, from R&D, production ,customer service etc. ,to support GW's business strategies and assure customer satisfaction.



## Our Group Experience

*“Great experience in controlling photovoltaic module production process having a perfect knowledge about the key ”*

01

GW Solar has a large experience in the works and processes related to photovoltaic modules production , control all aspects that influence on the quality of the final product.

GW Solar has rich experience of Inspection and certification of photovoltaic products and facilities.

02

03

Extensive knowledge of international PV market and supply chain, thereby ensuring the production deadline and controlling the costs.

Projects development and financing management of the PV power plants.

04

# Our Group Service

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## SERVICE ATTITUDE

*GW Solar always give priority to customer's needs and interests.*

### 01 POST-SALES SERVICE

GW Solar effective & professional post-sales team provides a 7/24 support to our customers.

### 02 TRANSPORTATION SERVICE

GW Solar logistics and warehousing partners spread all over the world, providing more effective delivery experience to the customers.



### 03 PROJECT SERVICE

The projects related to renewable energies require a multi-disciplinary experience .GW Solar offers a service that covers all phases of the project.

### 04 CERTIFICATION SERVICE

GW Solar proposes the certification service for all areas of the photovoltaic industry, from manufacturing and quality standards on the level of modules certification to manufacturing facilities and photovoltaic plants.



GW Solar

Company Culture

# Our Mission

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## MISSION

*We are committed to building a world free of fossil fuels. Our goal is to promote the application of solar technology in Vietnam and then conditionally spreading it from Vietnam to the world. In response to the global environment protection, we are standing here to provide the clean and sustainable energy related products and one-shop solutions for humanity.*



# Our Vision

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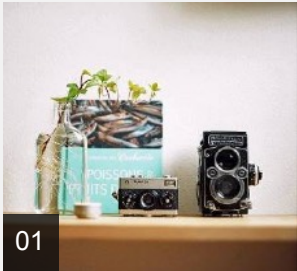
GW Solar

## VISION

*Globally compete and actively participate in the development and expansion of renewable energy in the global market ,understanding the responsibility of creating a sustainable energy model that is respectful to the environment, using all effective and efficient ways.*

# Feedback

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**95%**  
Customer  
Satisfaction



**100%**  
Products  
Safety



**90%**  
Employee  
Satisfaction

**85%**  
Repeat  
Customers







GW Solar

Corporate Honor



# EU & US Certification / ISO Certification

## Quality Management System



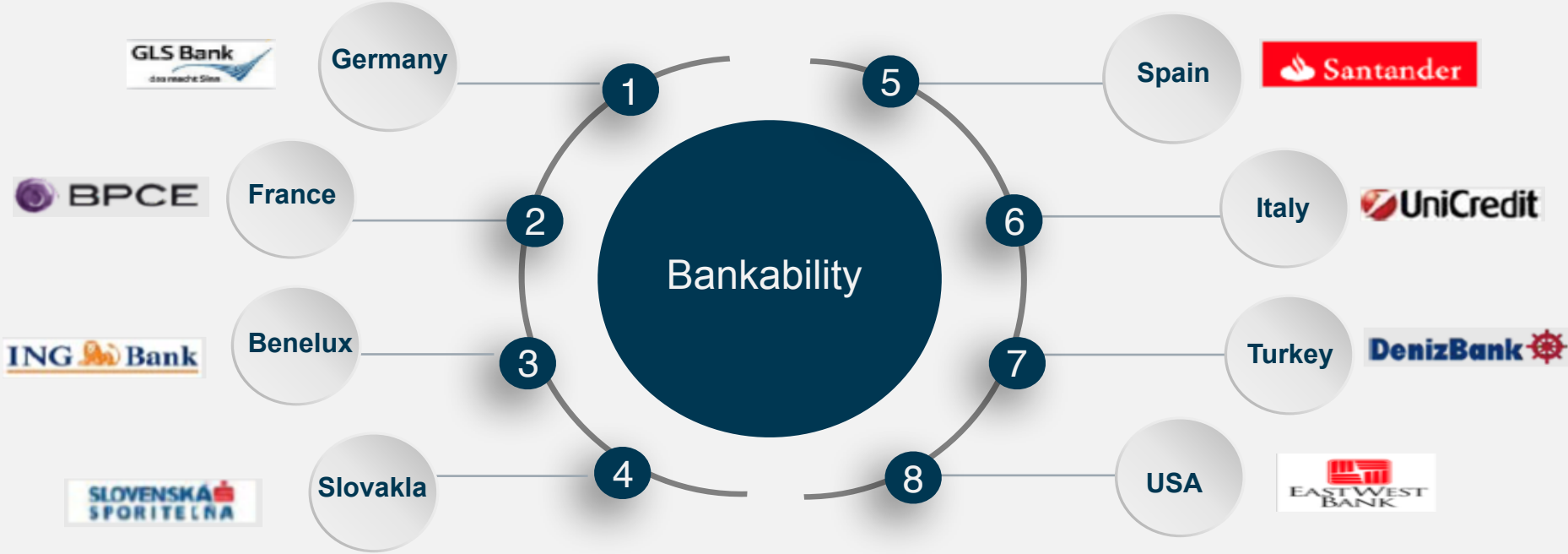
## Environmental Management System



## Occupational And Safety Management System



# Bankability



# GWSolar Global Project

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**Project: Spain**

# GWSolar Global Project

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**Project: Netherlands**

# GWSolar Global Project

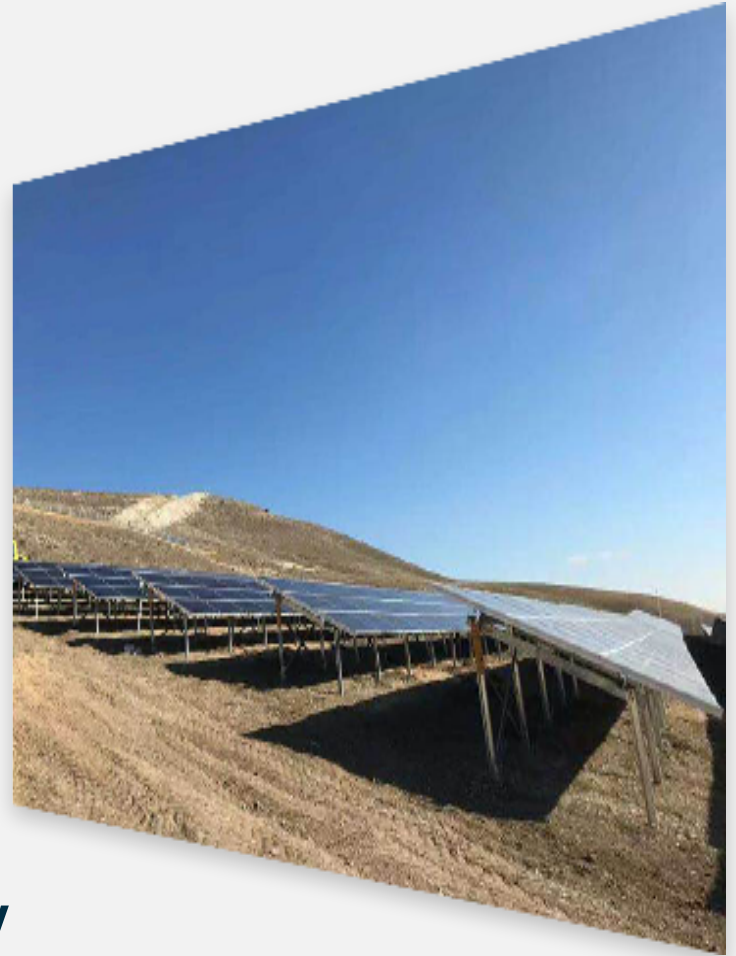
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**Project: Netherlands**

# GWSolar Global Project

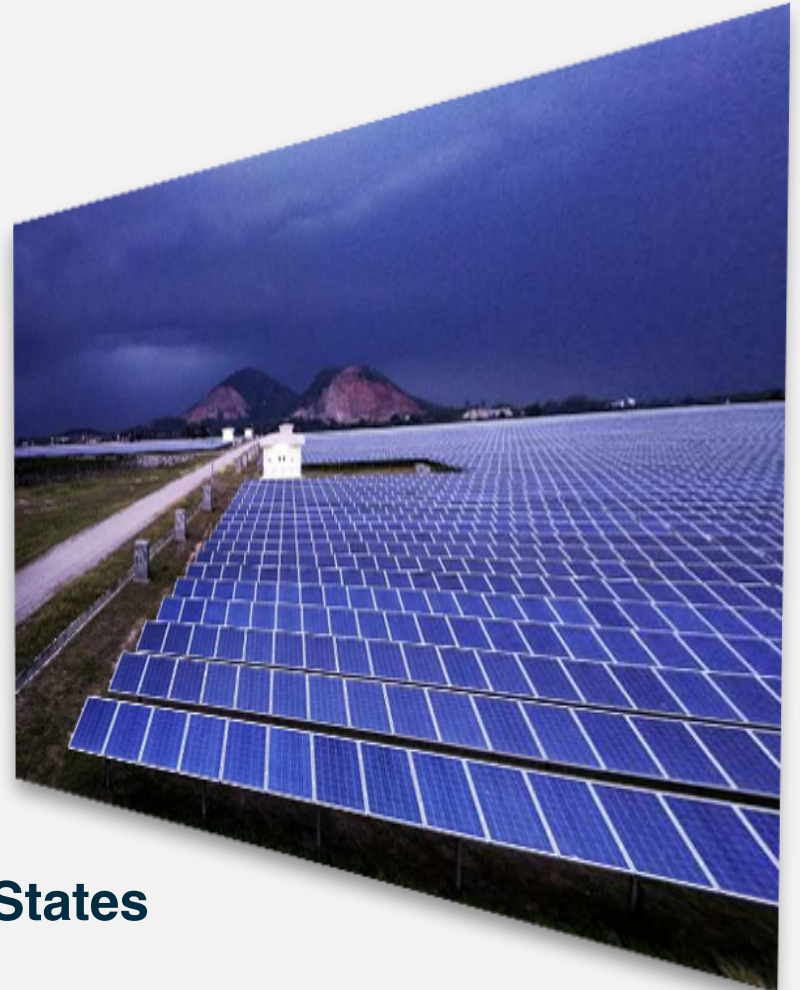
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**Project: Turkey**

# GWSolar Global Project

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**Project: United States**

# GWSolar Global Project

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**Project: Spain**



**Project: Portugal**





THANKS