



Bundesministerium
für Wirtschaft
und Energie



MITTELSTAND
GLOBAL
EXPORTINITIATIVE ENERGIE

deea solutions GmbH Offshore Taiwan

24. September 2019



AHK

Deutsches Wirtschaftsbüro
German Trade Office
Taipei
德國經濟辦事處



GERMAN ASIA-PACIFIC
BUSINESS ASSOCIATION

Durchführer

deea solutions GmbH

EXCELLENCE **IN** RENEWABLES



CONSULTING



TECHNOLOGY



STRATEGY

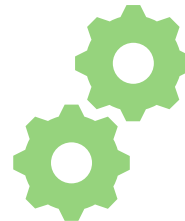
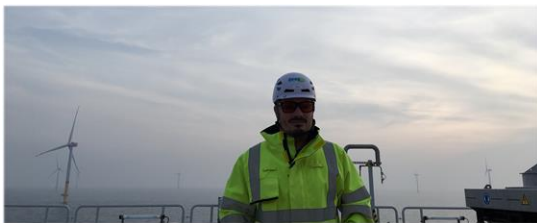
deea solutions GmbH

Consulting, Technology, Strategy



Downstream Engineering Services for Clean Technologies

- Photovoltaics
- Concentrating Solar Power
- **Wind Energy**
- Biofuels
- Hydropower
- Energy Storage



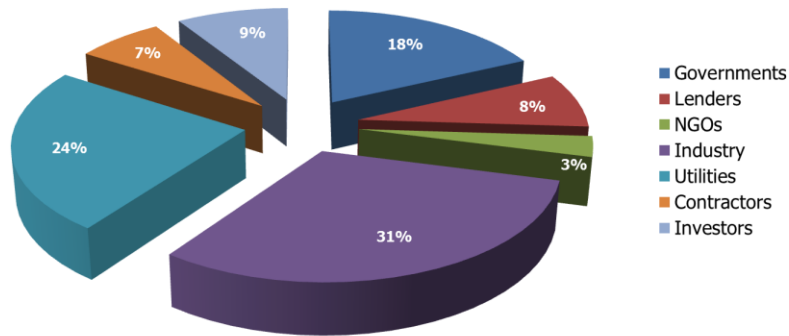
- E-Mobility
- Agro-Photovoltaics
- PV Desalination
- Zero Emission Irrigation
- Self Consumption

deea solutions GmbH

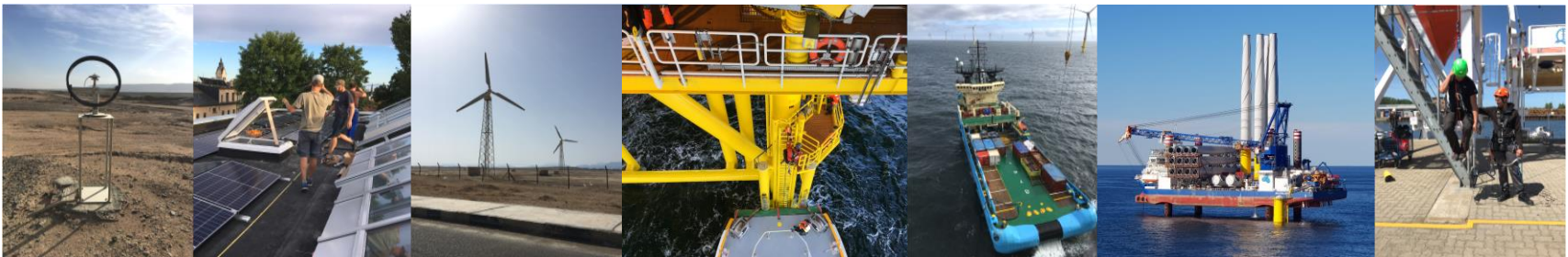
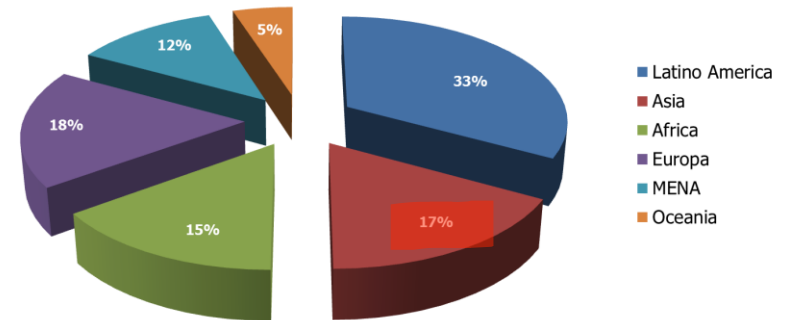
Clients & Markets



TURNOVER BY CLIENTS

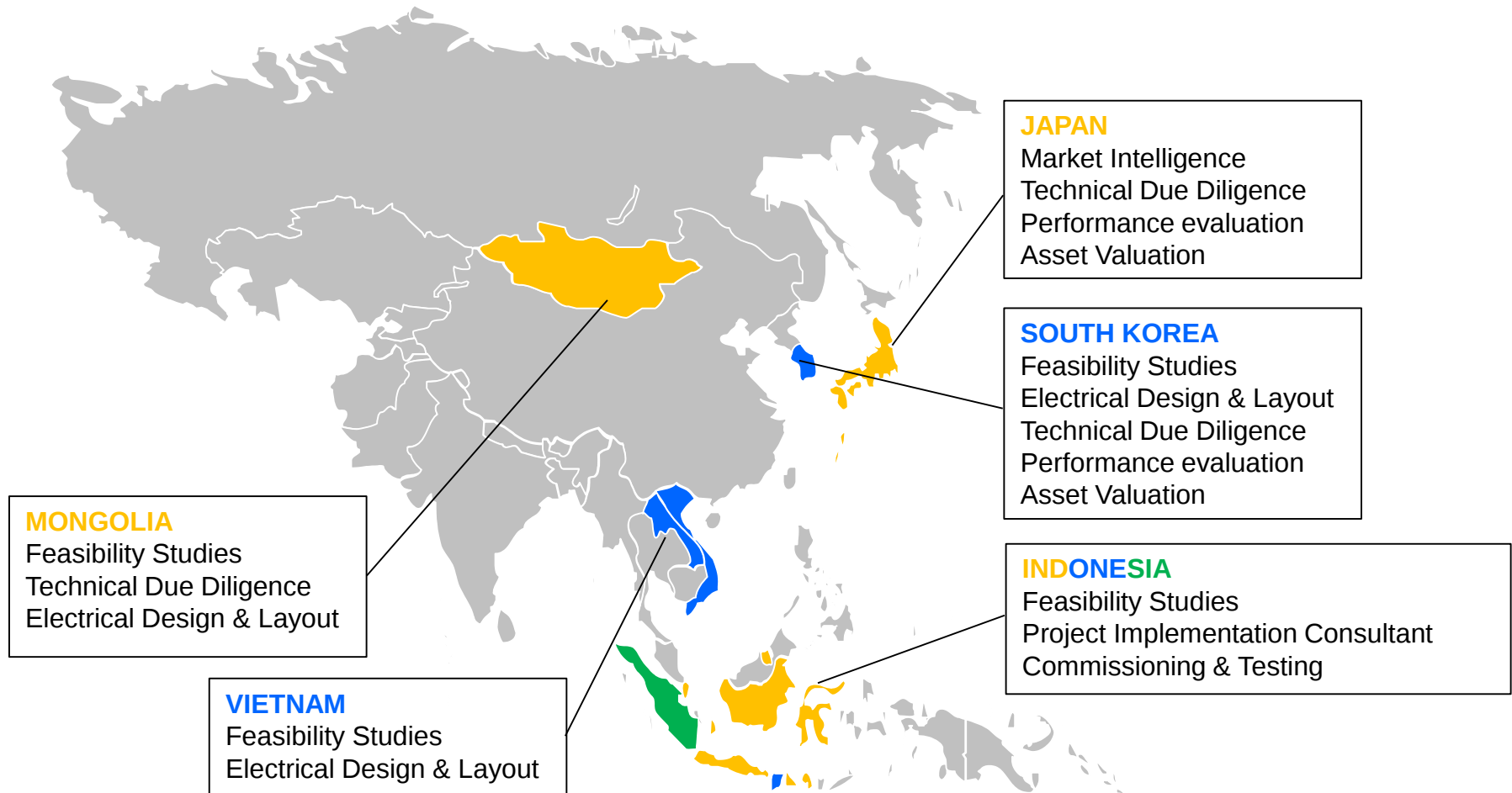


TURNOVER BY REGION



Durchführer

SPOTLIGHTS EAST ASIA



SPOTLIGHTS OFFSHORE WIND



FRANCE*

Arkona EOS

- Assembly supervision
- Harbour Acceptance Test (HAT)

NORTH SEA

BARD I

- Commissioning

Dan Tysk*

- OOS assembly

Global Tech I

- Commissioning

Borkum West II

- Commissioning

BALTIC SEA

Arkona EOS

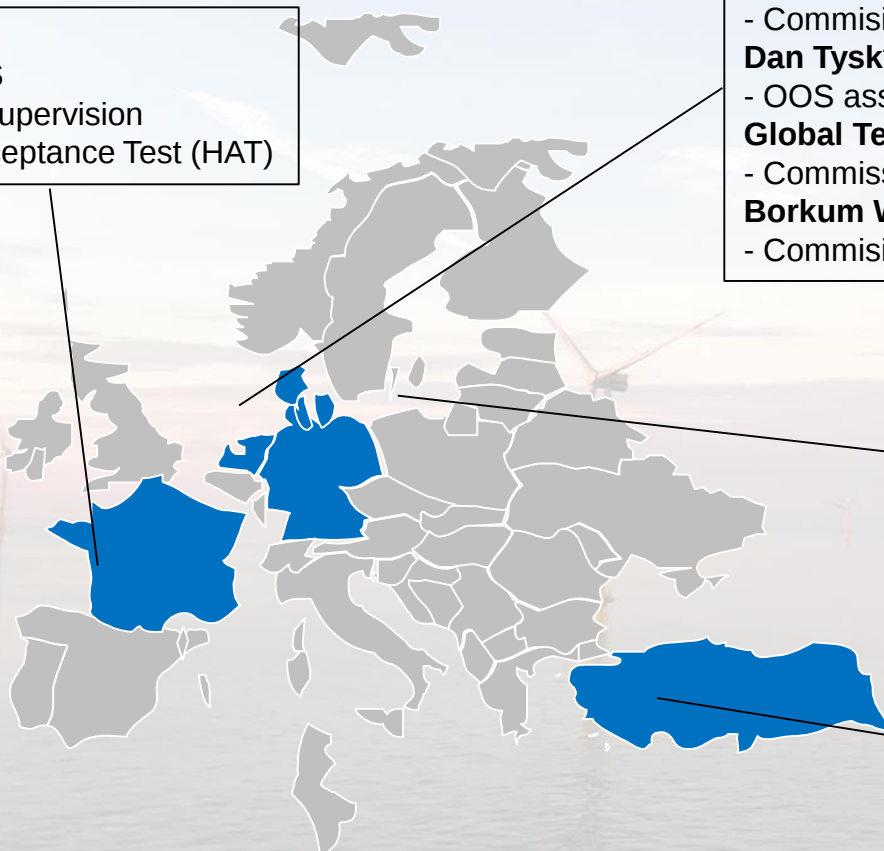
- SCADA Supervision
- Commissioning Management
- Commissioning

Baltic Eagle

- Commissioning

TURKEY

- Market Study Offshore Potential
- Pre-Feasibility Study



* Serviced by Polzin Elektromaschinenbau & Erneuerbare Energien GmbH & Co. KG

Durchführer

SERVICES ARKONA PROJECT



Commissioning Management and Technical Services

- Technical review of design
- Technical compliance check of component specifications
- Monitoring of equipment assembly and non-conformance reporting
- MV/HV switching support to electrical installation teams
- Punch list / correction management
- Site Acceptance Tests (SAT)
- Global Function Test (GFT)
- Provisional Acceptance (PAC)
- Grid code compliance
- Evaluation of documentation



OFFSHORE SERVICES



- Project management
- Studies and engineering
- Component inspections
- Electrical and mechanical design review
- Technical compliance & equipment assembly check
- Support of electrical switching activities
- Installation, commissioning and testing
- HSE (Quality, health, safety and environment) services
- NDI (nondestructive inspection)
- HVAC (heating, ventilation and air conditioning) services
- OSS platform management



GIVE AND TAKE

Service Partners, Clients, Projects



Our wish list

Market competence

Communication

Network

Commitment

Integrity



Value added
Know-how
Track record
Site experience
Critical path
Best practice
Efficiency

OFF-SHORE WIND TAIWAN

New Horizons...



谢谢你的好意！



Durchführer

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