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INOGEN Power Sector Project Experiences – Wind

Project Experiences for APAC Power Sector

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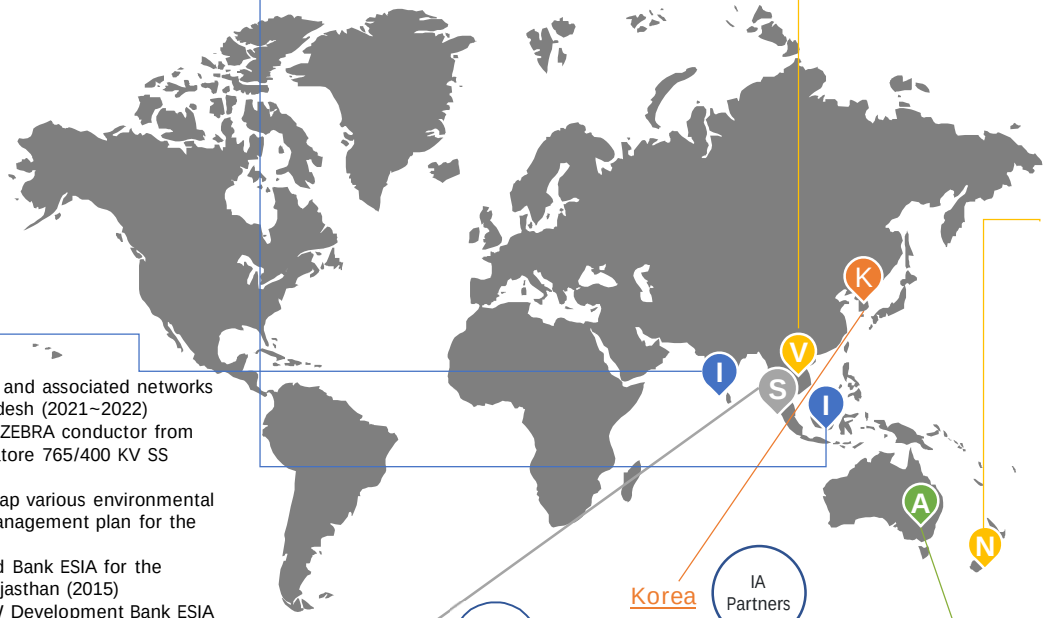
Indonesia

- UPC Renewables ESHIA for 250MW wind farm development in West Java (2019)
- PT Redaya Energy (Equis) AMDAL & ESIA for 72 MW Tolo Wind Farm Project in South Sulawesi (2016)
- PT. Java Energi AMDAL & ESIA for 70MW Wind Power Plant in Tegal, Central Java (2019)
- Asia Power Development Platform AMDAL & ESIA for 36 MW Wind in West Timor Indonesia (2016)
- UPC Renewables AMDAL & ESIA for 15 MW Wind Power Project in Ambon Indonesia (2017)
- UPC Renewables ESIA for 250MW wind farm development in West Java (2017)
- Indo Wind Power Holdings AMDAL & ESIA for 21 MW Wind Farm Indonesia (2017)
- Confidential Client AMDAL & ESIA for 50MW Samas Wind Farm (2015)

India

- KF Wind ESIA and RAP for 220/132KV Penukonda S/S and associated networks to be implemented by Aptransco State of Andhra Pradesh (2021~2022)
- KEC International ESIA for 765 KV DC Line with HEXA ZEBRA conductor from the proposed Virudhunagar 765/400 KV SS to Coimbatore 765/400 KV SS Transmission Line of Tantaransco (2020~2021)
- Saurya Urja Company of Rajasthan Limited ESIA) to map various environmental and social risks and also to develop environmental management plan for the proposed Solar Farm (2015)
- Jogihalli Wind Energy Limited, IL&FS Funded by World Bank ESIA for the proposed 32 MW Wind Power Project at Jaisalmer, Rajasthan (2015)
- Kalpataru Power Transmission Limited. Funded by KfW Development Bank ESIA for Proposed 400kV Double Circuit Line with Quad Moose ACSR from Rasipalayam 400kV SS to Palavadi 400 kV SS (2016~2017)
- L&T Power Transmission & Distribution (L&T Limited) Funded by KfW Development Bank ESIA o map various environmental and social risks and also to develop both short term and long term environmental management plan for the proposed Power Transmission Line. (2016~2018)
- Etesian Urja Limited, IL&FS. Funded by World Bank ESIA for the 50 MW Wind Power Project at Amba, Madhya Pradesh (2017)
- Sipla Wind Energy Limited, IL&FS. Funded by World Bank ESIA for the proposed 32.8 MW Wind Power Project at Jaisalmer, Rajasthan (2016)



Singapore

- Engie Lab Singapore Pte Ltd Permitting for Wind Turbine of the REIDS/SPORE Project

Korea

- KF Wind ESIA for 1,320MW Floating Offshore Wind Farm

Australia

- Stockyard Hill Wind Farm; 149 Turbines 528 MW

Vietnam

- UPC Renewables SIA for 60 MW Vinh Chau Wind Farm in Lac Hoa and Hoa Dong (2019)
- USAID/DAI ESIA for 300MW Khai Long 1,2,3 Nearshore Wind Farm (2021~2024)
- USAID/DAI ESIA for 200MW Dong Thanh 1, 2 Nearshore Wind Farm (2021~2023)
- Levanta Renewables ESIA for l00MW Kon Plong Wind Farm (2021~Ongoing)
- UPC Renewables ESIA for 50 MW Tran De and 50 MW Song Hau Wind Farms (2020)
- Confidential Client ESDD for 60 MW Wind Farm in Ben Tre Province (2019)

New Zealand

- Meridian Energy EIA & Permitting for Mill Creek Wind Farms (60 MW 26 turbines) in NZ (2008)
- Meridian Energy env. management services for West Wind Farms in NZ (2006)
- Contact Energy Env. Assessment and EIA for Hauauru Ma Raki in NZ (2022)
- Meridian Energy EIA and Permitting for Hurunui Wind Farm (76 MW, 31-turbines) in NZ (2005)
- Wind Prospect CWP NZ and Genesis Energy NZ EIA and Permitting for 150 MW wind farm located in the Southland, NZ (2007)
- Meridian Energy EIA and Permitting for 60MW Mt Munro Wind Farm in NZ (2023)
- Meridian Energy env. management consulting for 96MW White Hill Wind Farm in NZ (2009)
- Meridian Energy EIA and Permitting for 96MW Te Apiti Wind Farm in NZ (2020)

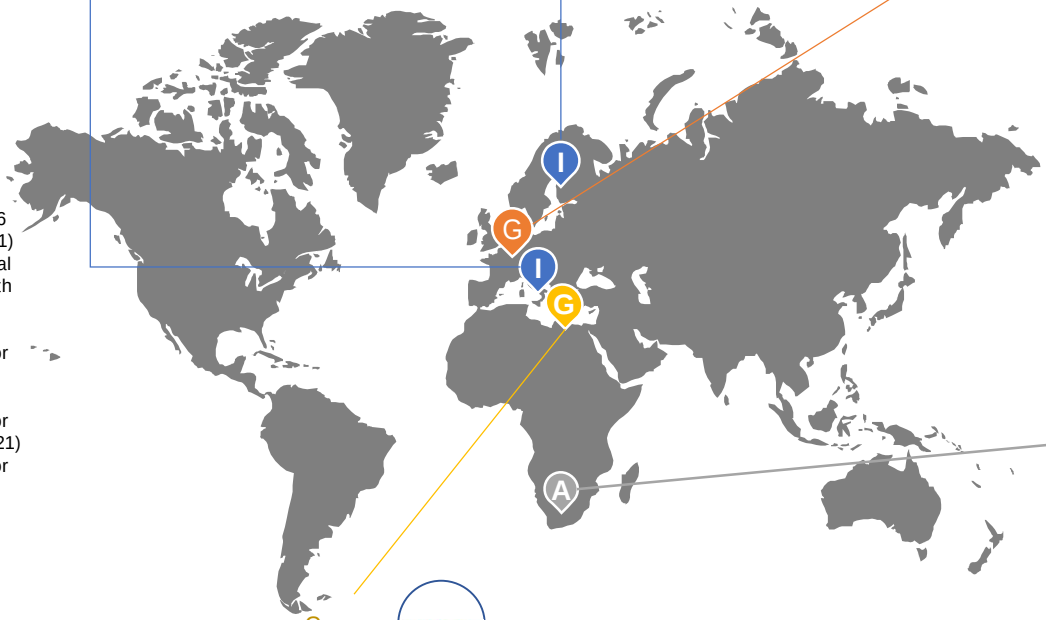
Project Experiences for EMEA Power Sector

Italy

- Enel Green Power ESIA related to the drilling of 2 geothermal wells (2019~2020)
- Baywa R.E. – Regolo Rinnovabili Analysis of planning constraints for potential areas for installation of offshore wind plants on Tyrrhenian and Adriatic Sea (2022)
- Enel Green Power Soil and rocks management plan according to Presidential Decree 120/17 for a wind plant in the Southern Italy (2021~Ongoing)
- Enel Green Power Acoustic Impact Assessment and Shadow Flickering Report related to a 10 turbines (3,6 MW each) wind farm in the South of Italy (2020~2021)
- Enel Green Power Preparation of a constraints national database related to regulations for the RES plants with power greater than 1MW throughout Italy (2022~Ongoing)
- Enel Green Power Preliminary Environmental Study for 3D seismic study for new geothermial wells (concessions in Central Italy) (2020)
- Enel Green Power Preliminary Environmental Study for EIA of two new geothermal wells in Central Italy (2021)
- Enel Green Power Preliminary Environmental Study for a wind farm in Southern Italy (2023)
- Enel Green Power Agronomic report and economic study (CAPEX and OPEX) for an agrivoltaic project to integrate lavender cultivation into the photovoltaic system (2020)
- Terna Rete Italia EIA for an HVDC submarine power link between Sardinia and Tuscany through Corsica (2021~2022)
- Terna Rete Italia EIA for the 132 kV A.T. national power grid rationalization project in the Reggio Emilia area (2021~2022)

Finland/ Skandinavia

- In 2023/ 2024 involved in more than 15 different wind projects (available on request)
- Construction stage EHS and Social audits: strong focus on contractor management.
- Grid compliance.
- Permitting and impact assessment due diligence.
- ESG assessments, using EP4 (3 projects with EP4)



Germany

- Windpark Aalen – Waldhausen / Ostalbkreis (BW) (2004)
- Windpark Beckum / Kreis Warendorf (NRW) (2005)
- Windpark Adelshofen / Kreis Ansbach (BY) (2005)
- Windpark Bergershof / Kreis Weißenburg (BY) (2006)
- Windpark Freihof / Ostalbkreis (BW) (2007)
- Windpark Gussenstadt / Kreis Heidenheim (BW) (2005)
- Windpark Lauterburg / Ostalbkreis (BW) (2005)
- Windpark Gräfensteinberg / Kreis Weißenburg (BY) (2006)
- Windpark Striethof / Ostalbkreis (BW) (2009)
- Windpark Weilermerkingen / Ostalbkreis (BW) (2021)
- Windpark Wittislingen / Dillingen a. d. Donau (BY) (2009)
- Windpark Amalienhöhe / Rems-Murr-Kreis (BW) (2009)
- Windpark Baar / Kreis Aichach-Friedberg (BY) (2021)
- Windpark Erlauholz / Kreis Aichach-Friedberg (BY) (2021)
- Windpark Nonnenholz / Ostalbkreis (BW) (2022)
- Windpark Königseiche / Kreis Göppingen (BW) (2022)
- Windpark Mainhardt / Kreis Schwäbisch Hall (2023)
- Windpark Brand – Landkreis Donau-Ries (2023)
- Windpark Repowering Lautertal – Landkreis Coburg (2024)
- Windpark Repowering Schalkstetten – Alb-Donau-Kreis (2024)
- Windpark Schnabelwaid – Landkreis Bayreuth (2024)

Africa

- Elmed Etudes Sarl ESIA for a Power Interconnector Project between Europe and Africa (2021~2023)

Greece

- Enel Green Power ESIA for the wind farm Heliolousti (2021)
- Terna Plus Assessment of environmental regulatory requirements and restrictions for the routing of overhead power transmission lines (2022)
- Enel Green Power Social Environmental Economic Context Analysis (SEECA) for the Kafireas Wind Farm and definition of Creating Shared Value (CSV) actions (2019)
- Enel Green Power Social Environmental Economic Context Analysis (SEECA) on the regional decarbonization process in the area of influence of the Vamvakies photovoltaic plant, to define actions for Creating Shared Value (CSV) (2020)

Project Experiences for America Power Sector

Argentina

- Nucleoeléctrica Argentina S.A. Proyecto de Almacenamiento en Seco de Elementos Combustibles Gastados II (ASECGII). The project involved the construction and operation of a dry spent nuclear fuel storage facility for the storage of 50,000 spent fuel elements for the Atucha I and II Nuclear Power Plants. (2024)
- Nucleoeléctrica Argentina S.A. Proyecto Extensión de Vida de la Central Nuclear Atucha I (PEV CNA I). The project involves a Programmed Refurbishment Shutdown (PPR) whose objective is to carry out the implementation of the possible improvements that will allow raising the safety level of the Plant, as required by the Nuclear Regulatory Authority, together with the operational and availability improvements that will strengthen the operation of the Plant during its extended life. (2023)
- General Villegas Biogás S.A. Generación de Energía Eléctrica a partir de Biogás The project involved the installation of a system for capturing and producing biogas from green matter and farm-derived pig slurry, with an annual electricity production of 9,600 MWh. (2017)
- Hain Energía S.R.L. Parque Solar Fotovoltaico Central OS Smith 4 MW photovoltaic solar farm (2021)
- YPF S.A. Generación de Energía Eléctrica a partir de Biogás The project involved the installation of a system for capturing and producing biogas from green matter and farm-derived pig slurry, with an annual electricity production of 9,600 MWh. (2020)
- VDS Argentina S.A. Parque Eólico Necochea I The project included the installation of 15 wind turbines of 3,465 MW, a 33 kV collector, a transformer station and a double 26 km 132 kV power line. (2018)
- Centrales de la Costa Atlántica S.A. Parque Eólico Vientos de la Costa Atlántica- Arenas Verdes I The project included the installation of 21 Vestas V126-3.45 MW wind turbines, internal collector network and transformer station and an opening of the 132 kV line. (2017)

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