

SOLAR POWER AND BATTERY ENERGY STORAGE.

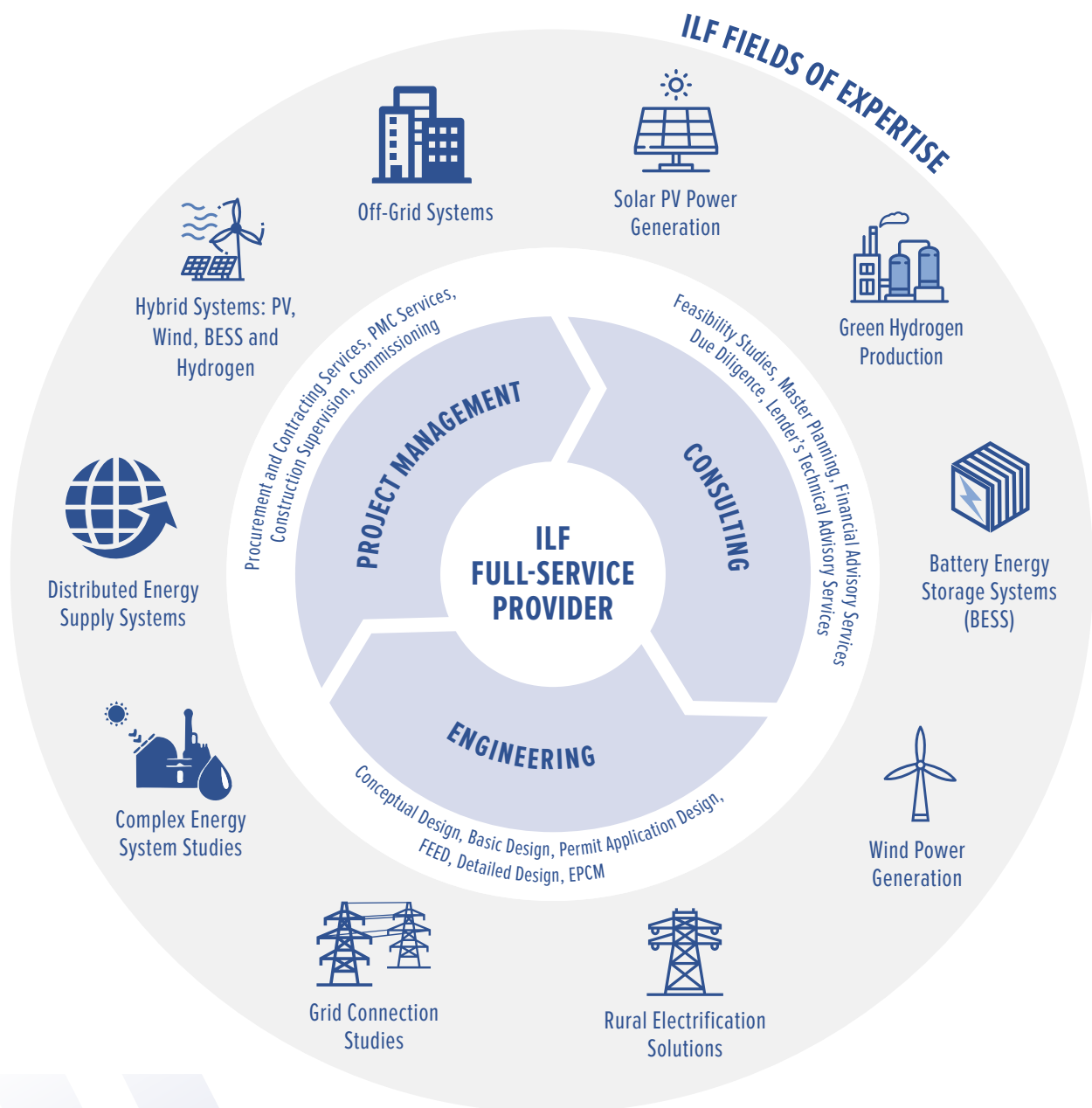
ENGINEERING EXCELLENCE.



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SOLAR POWER AND BATTERY ENERGY STORAGE

Solar photovoltaic (PV) technology has become a reliable and sustainable form of energy generation. Drawing on more than 17 years of experience from a global portfolio of renewable energy projects with a combined capacity of over 100 GW, ILF provides its clients with services across the entire value chain and life cycle of PV and Battery Energy Storage System (BESS) projects.



100+ GW OF SOLAR PV AND BESS ILF PROJECTS WORLDWIDE
#ENERGYACCESSFORALL

With in-depth technical expertise in the energy industry, energy strategy know-how and extensive project experience, ILF is well equipped to design and implement large-scale solar PV and BESS projects almost anywhere in the world.

ILF's portfolio of services for solar PV, BESS and hybrid power plants ranges from feasibility studies to construction supervision and operation and maintenance (O&M) supervision. These services are delivered with a focus on high quality systems and careful consideration of site suitability and client requirements.

As one of the leading independent engineering and consulting firms, ILF offers solar PV and BESS solutions that combine proven project execution and engineering practices with the flexibility to move with and adapt to rapid developments in the renewable energy and energy storage markets.



“ILF is proud of its portfolio of solar PV and energy storage projects that have been designed and implemented with our clients, and of the contribution these projects make to decarbonizing energy production worldwide.”

Patrik Erroi,
Business Area Director – Energy

PROJECT HIGHLIGHTS

- Hyphen Project – Owner's Engineer (OE) for 7 GW PV & wind power plant + BESS, 3 GW H₂ electrolysis + NH₃ synthesis unit, air separation + water desalination unit, water and H₂ pipelines, Namibia
- The Red Sea Project – Feasibility, tendering & site supervision for one of the world's largest 100% RE-powered off-grid systems; 406 MW_p PV; 340 MW/900 MWh Li-Ion (BESS), Saudi Arabia
- Goaltore PV Power Plant – OE for 135 MW_p PV plant; permanent site supervision, India
- Senegal Solar Program – Feasibility study & OE for 25 MW_p PV plant & 7 PV-BESS-Diesel off-grid hybrid systems for rural electrification, Senegal
- Feasibility study & tender design for 80 MW/80 MWh BESS ancillary grid services, primary reserve and integration of variable RE sources, Senegal
- Pre-development studies for 30 GW_p (world's largest) solar PV parks, Saudi Arabia
- Fiji Solar PPP – Feasibility studies, due diligence & tendering process for 37 MW_p (PV) and 14 MWh (BESS), Fiji



Hyphen – Green Hydrogen Project, Namibia



Goaltore PV Power Plant, India



Large-Scale Solar PV Plant, BESS and Hybrid Power Plant, Senegal



South Amman 46 MW_p PV Power Plant for a Refugee Camp, Jordan



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