



YEO Teknoloji

Floating PV Opportunities for Türkiye

| December 11, 2023 |





About Us



Founded in **early 2000s** YEO has become a **leading company** positioned along the electrification value chain—from power generation, transmission and distribution to the **smart & efficient application** of electrical energy.

The key and most active area of activities of YEO is the implementation of projects in the **renewable energy industry**. We successfully operate in this industry, providing a **full range of services** for the design, construction, and maintenance of solar power plants, floating solar power plants, wind power plants, biogas and biomass power plants with integration of **ESS (Energy Storage Systems)**, and **modern digital technologies**.

YEO Technology is a listed company in **Turkish Stock Exchange Market**.

19 Years Experience



3

Continents



30+

Countries



620+

Employees



150

Engineers



40

Women



400+

Completed
Projects

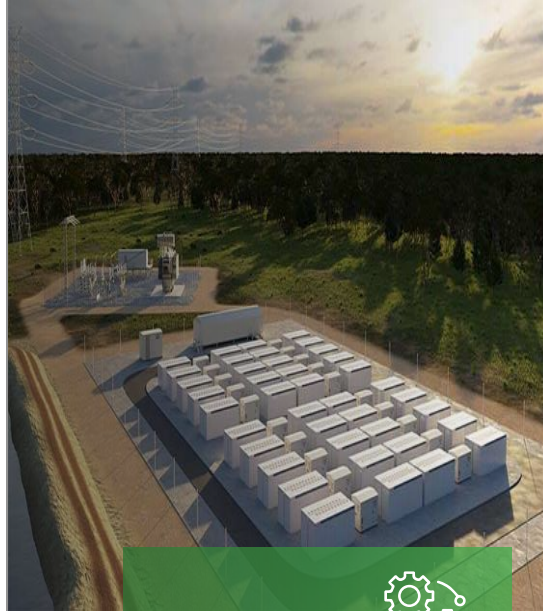
Business Segments

Engineering & System Integration



- Solar
- Wind
- Power Grid
- Water & Wastewater
- Cement & Mining
- Oil & Gas

Battery Energy Storage



- Reap Battery, Energy Storage System Production

Renewable Energy Investments



- Bulgaria
- Romania
- Italy
- Türkiye

Technology Investments

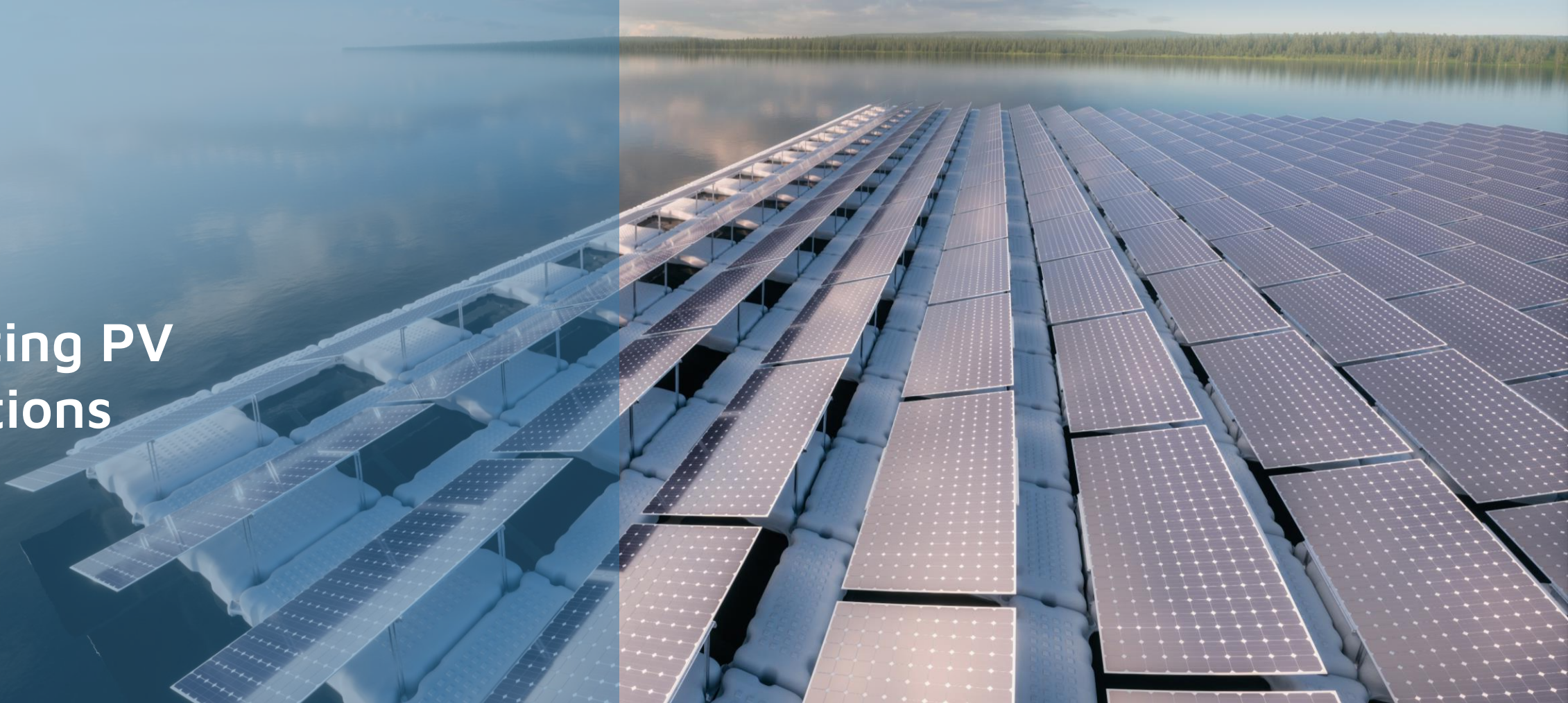


- Rey Energy
- Mikrohes
- Nicat
- BrandIT
- Ion Membrane

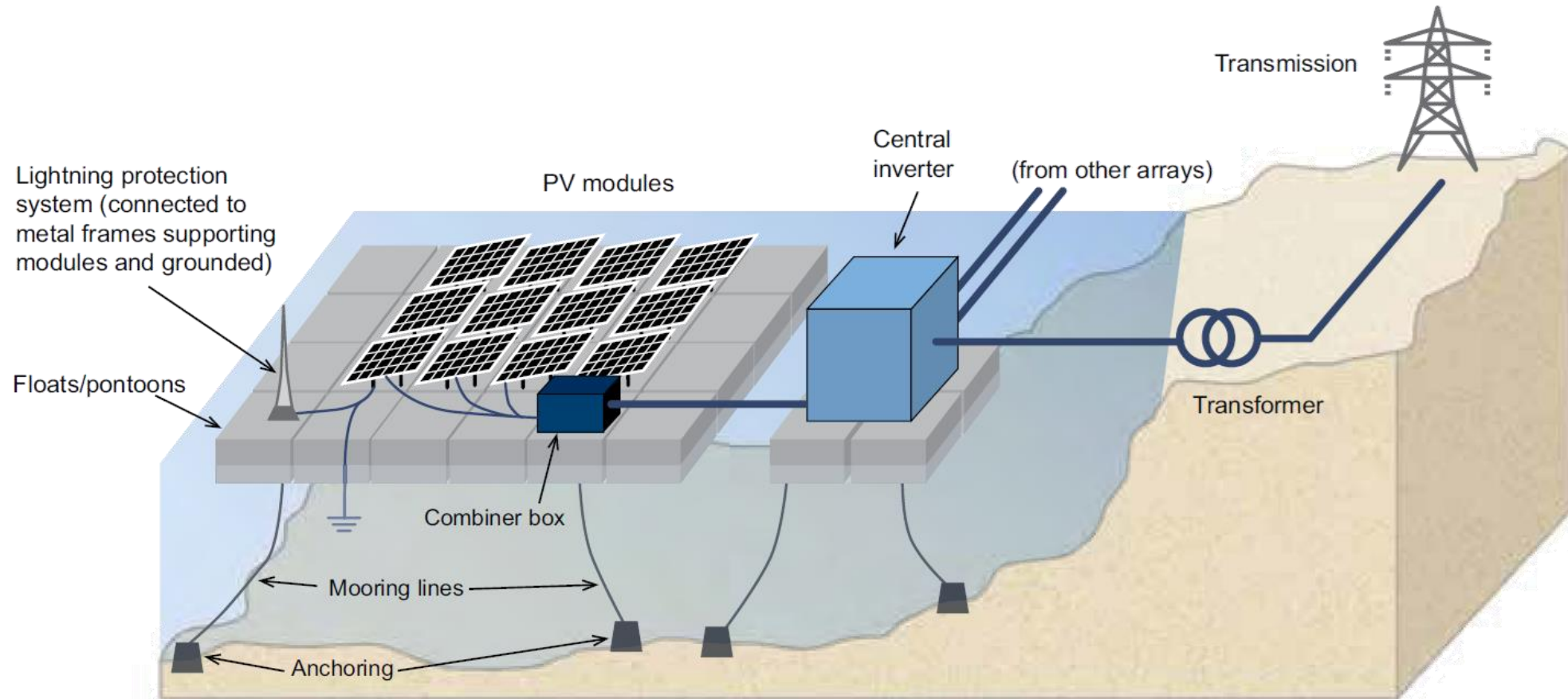
Turnkey

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Floating PV Solutions

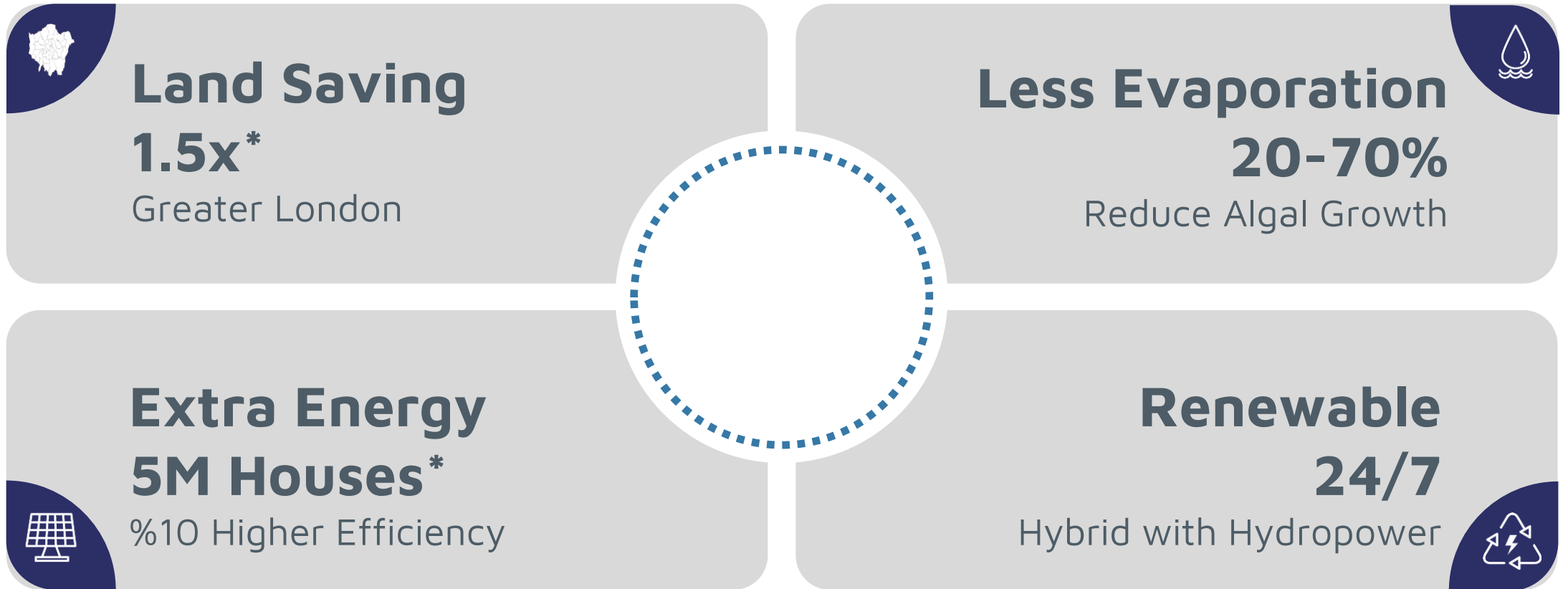


What is Floating PV?



Source: Solar Energy Research Institute of Singapore (SERIS) at the National University of Singapore.

Why Floating PV?



*If existing European solar capacity was floating.

Where?

Floating 1.0

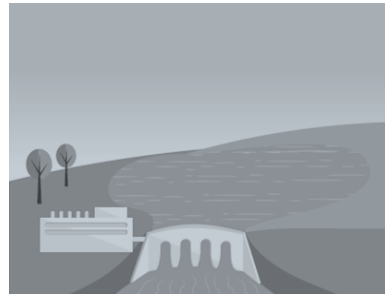
No Wave



Small Ponds

Floating 2.0

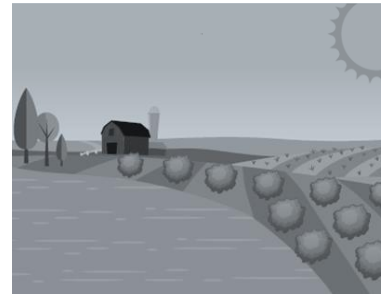
Small to Medium Wave



Large Reservoirs

Floating 3.0

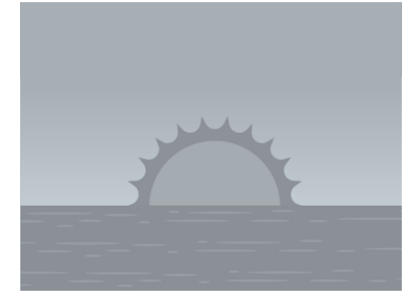
Medium Wave



Near-Shore

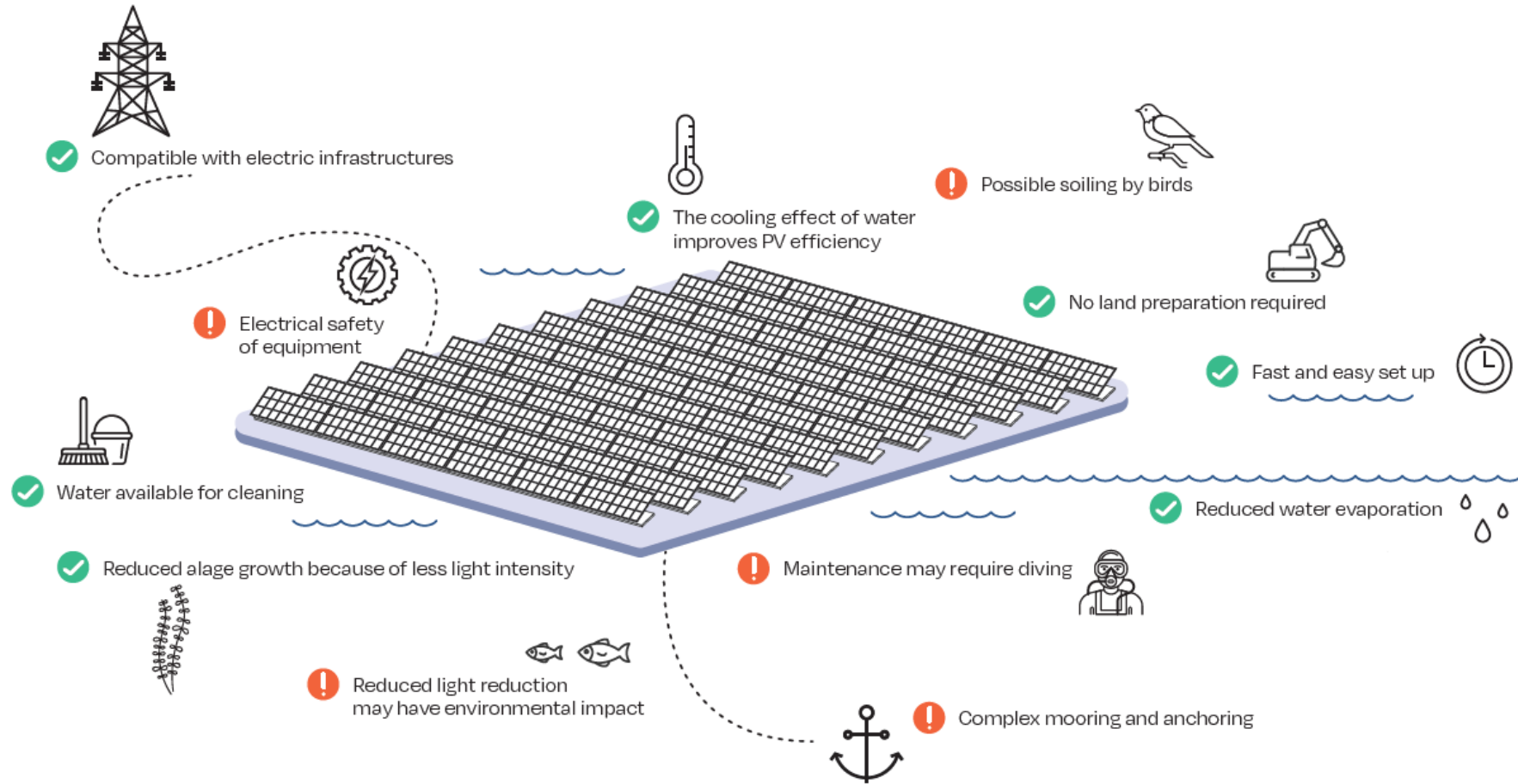
Floating 4.0

High Wave



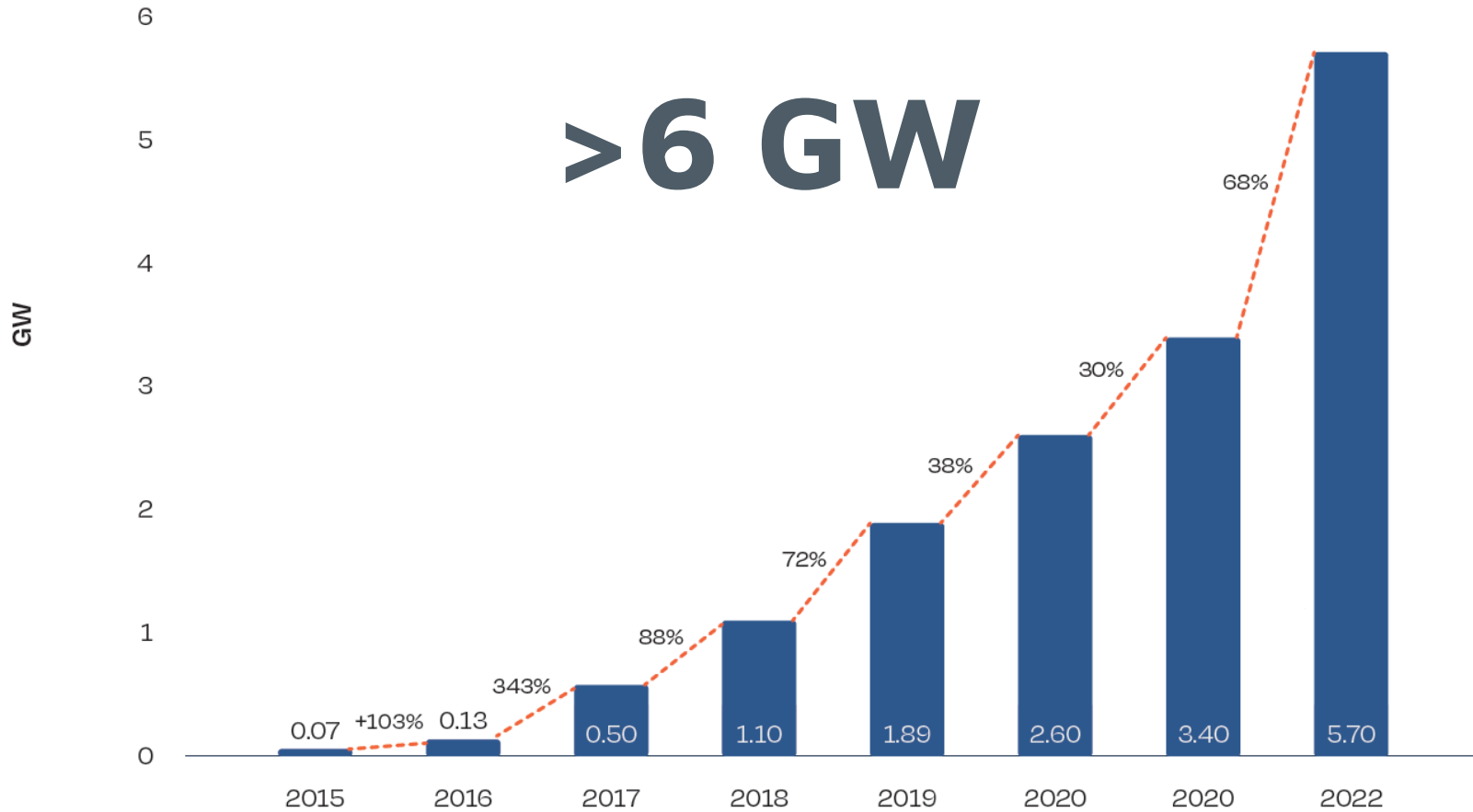
Off-Shore

Benefits & Challenges



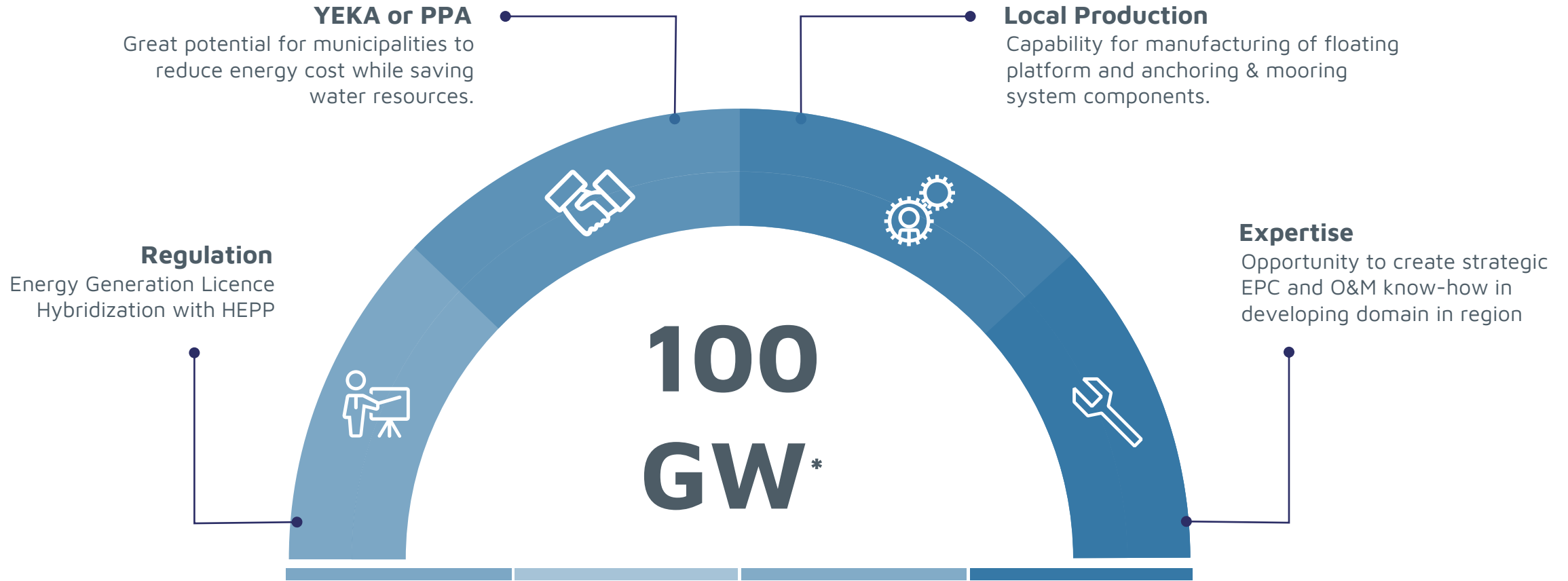
Source: <https://www.sciencedirect.com/science/article/pii/S2589004222015255>

Global Capacity



Source: SolarPower Europe

Floating PV Potential in Türkiye



* Available capacity only if %1 of the man-made reservoirs are used in Türkiye.

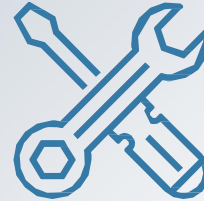
Our Services



Engineering



Procurement



Construction



O & M

One-Stop Solution Provider

