



THE EVOLUTION OF VISIONS

JUNE 2022







VERSATILE.



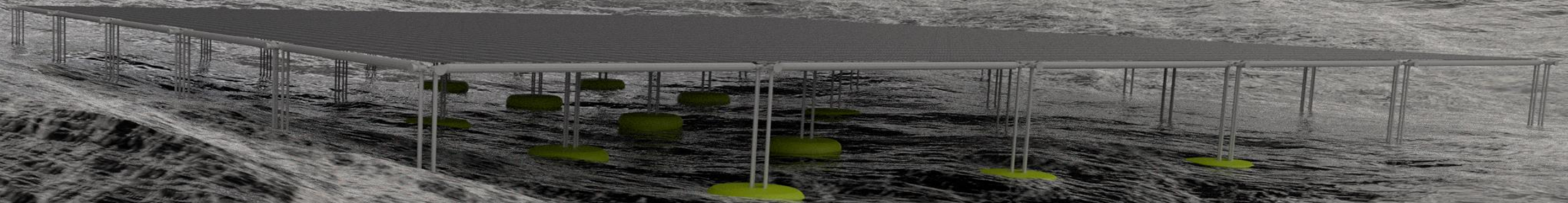
EASY TO HANDLE.



DURABLE.



EFFICIENT.



- Modular and scalable
- Hybrid: Solar, Wind, Wave and Platform
- Wave height up to 20 m max
- Storm proof
- Robust maritime aluminium structure
- Easy transport and installation

Example Platform Sizes

1 MWp approx. 72 x 72 m

10 MWp approx. 220 x 220 m

BENEFITS & APPLICATIONS



Designed for harsh maritime environments

- Floating hybrid solution for MWp-range
- Multi-use platform
- Modular & scalable design
- Easy on-site installation
- Cost-optimized solution to maximum economy
- Adjustable buoyancy for different load scenarios
- IP68 protected and corrosion resistant

“The worldwide only hybrid renewable system designed for the power of oceans.” – CEO, Dr. Sinn



MULTI-USE PLATFORM

Wave Energy Converters

The patented Wave Energy Converter (WEC) is based on point absorber technology. It can be mounted to each corner of the SOcean unit block. For all components sea-water resistant materials are used.

Photovoltaics

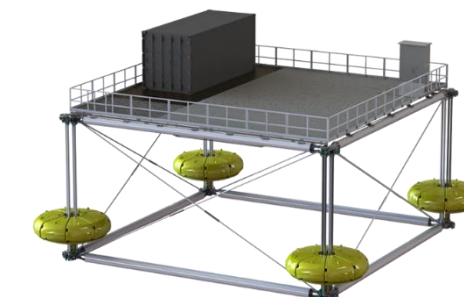
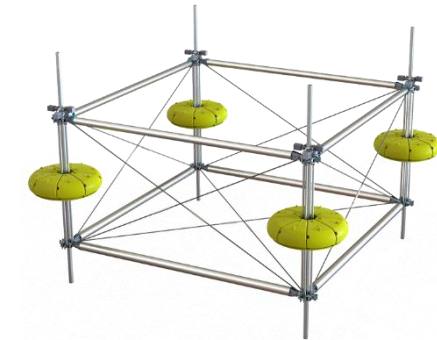
On each SOcean unit block, 66 PV modules are mounted on the substructure. The PV modules are approx. 5 m above sea level.

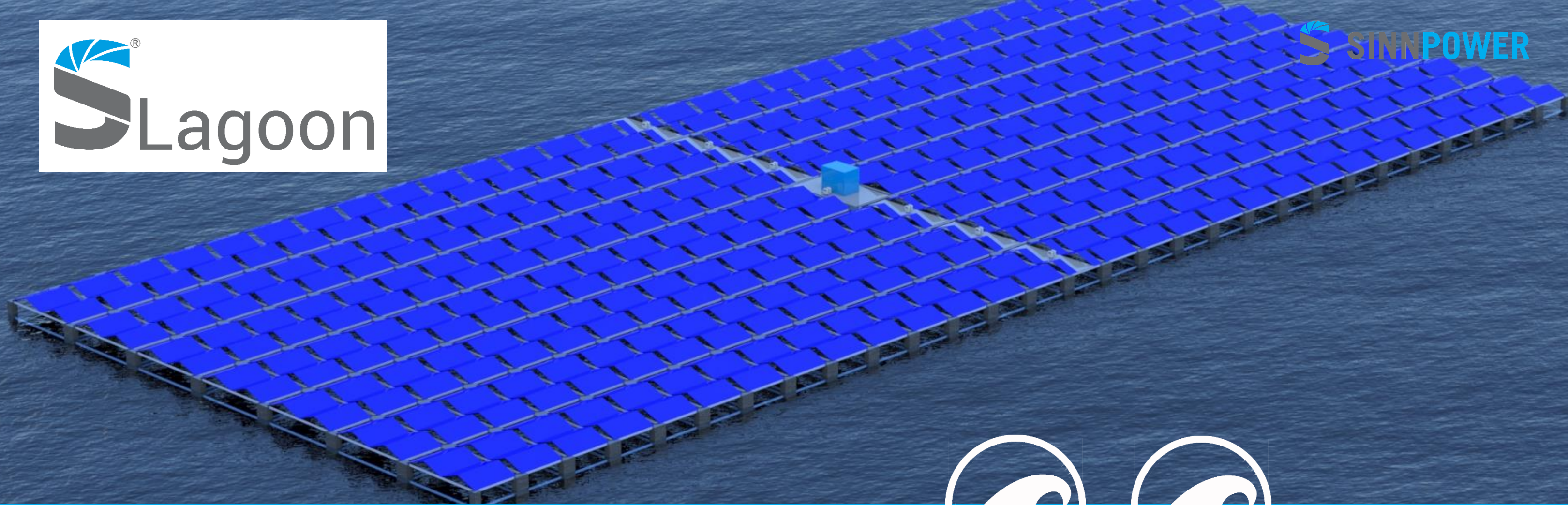
Small Wind Turbines

To each corner of the SOcean unit block either a WEC or a small wind turbine can be mounted - enabling an optimized site-specific energy mix.

Working Platform

The working platform module can be used as a standalone platform or in combination with SOcean floating solar modules. Various floor types are available.





- Modular and scalable
- Solar
- Wave height up to 8,5 m max
- Storm proof
- Robust maritime aluminium structure
- Easy transport and installation



Example Platform Sizes

1 MWp approx. 85 x 70 m

12 MWp approx. 210 x 330 m

SLACOON

BENEFITS & APPLICATIONS

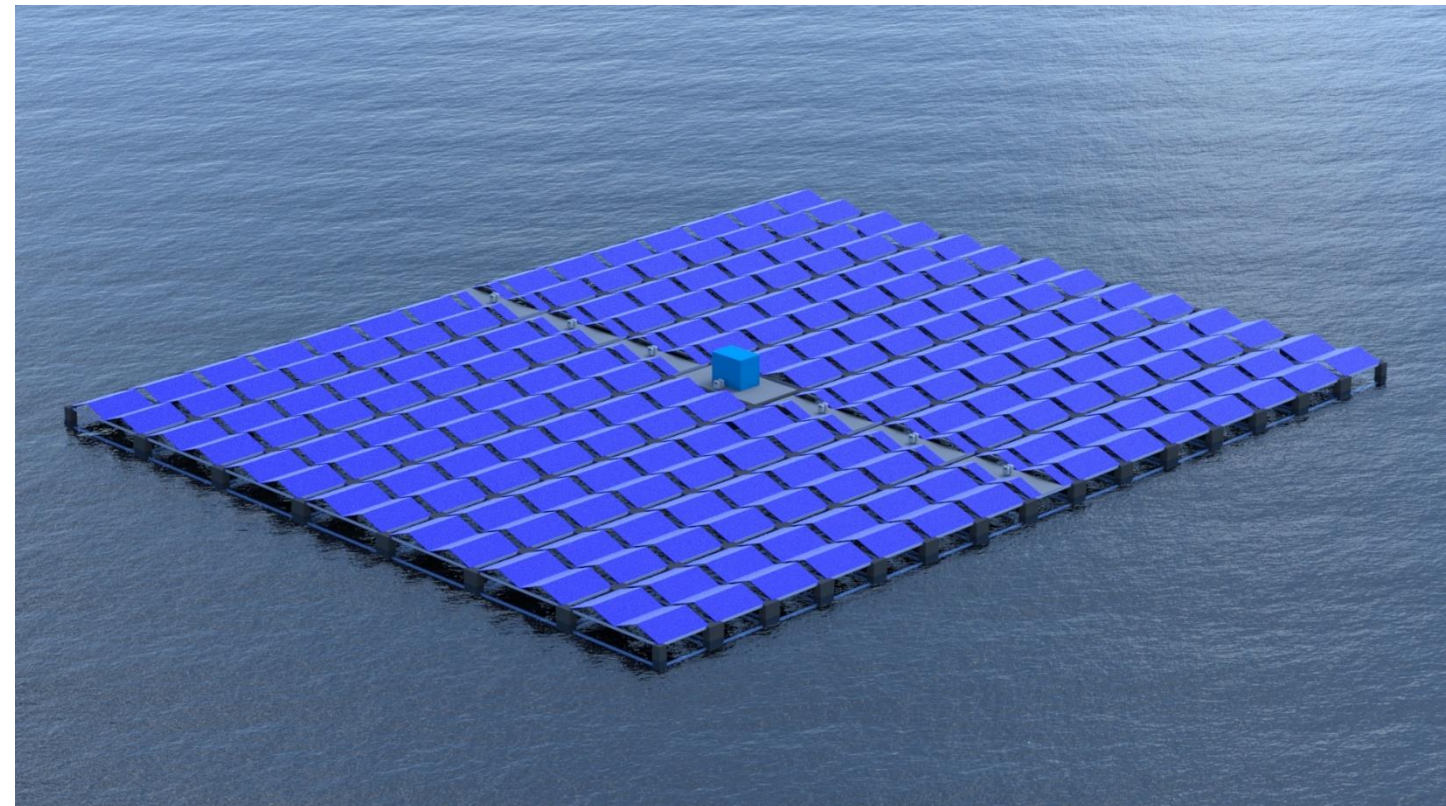


Use of unexploited space

- Floating PV solution for MWp-range
- Modular & scalable design
- Easy on-site installation
- Higher output due to water cooling
- Cost-optimized solution to maximum economy

Applications

- Bays
- Harbors
- Moderate Open Water



SLAGOON

PLATFORM OPTIONS



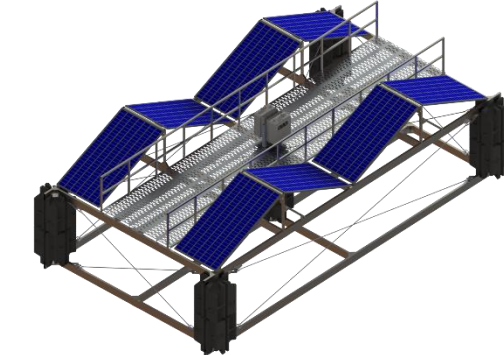
Modular PV Platform

Due to its durability and simplicity, the structure is adaptable to individual configurations and can also be extended at any time.



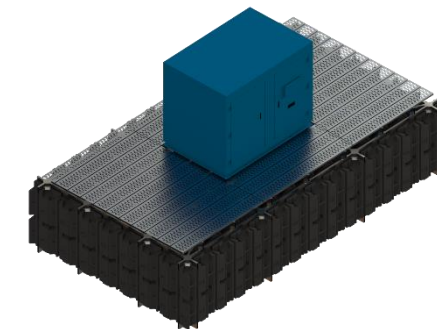
Walkway Platform

The structure can be modified with walkway passages in between the PV panels. The PV inverters can be placed on those walkways.



Heavy Duty Platform

Our floating structure can also be modified to a heavy duty working platform to host the grid transformer station.





- Modular and scalable
- Solar
- Wave height up to 2,5 m max
- Storm proof
- Robust maritime aluminium structure
- Easy transport and installation

Example Platform Sizes

1 MWp approx. 85 x 70 m

12 MWp approx. 210 x 330 m

SLAKE

BENEFITS & APPLICATIONS



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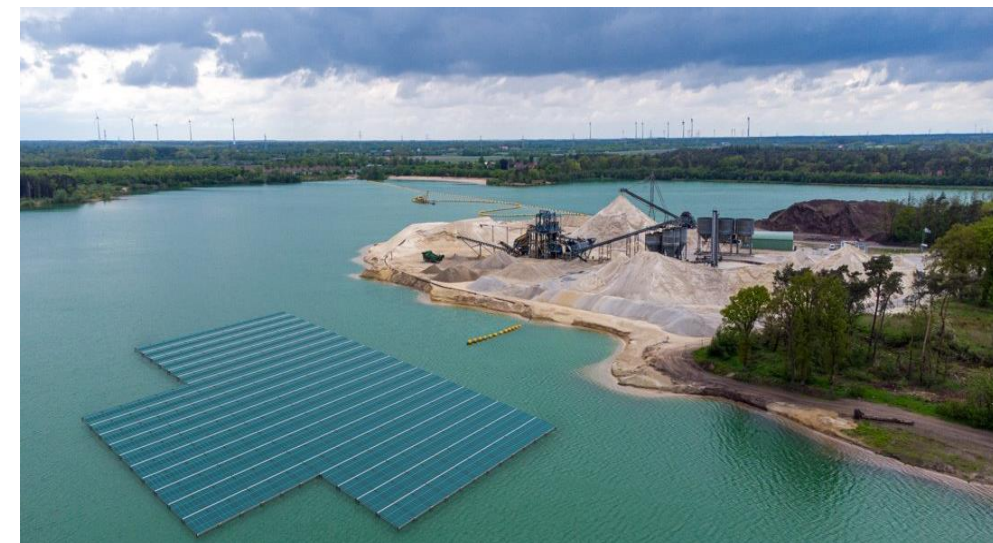


Applications

- Dams and canals
- Aquaculture farms
- Former mining lakes
- Quarry ponds
- Flooded gravel pit
- Lakes
- Storage reservoirs

Advantages for hydroelectric dams

- Increase electricity capacity
- Meet energy needs during peaks
- Save hydro power for intermittent periods



SLAKE

PLATFORM OPTIONS



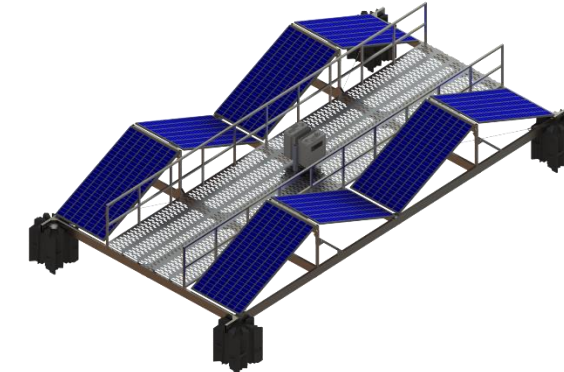
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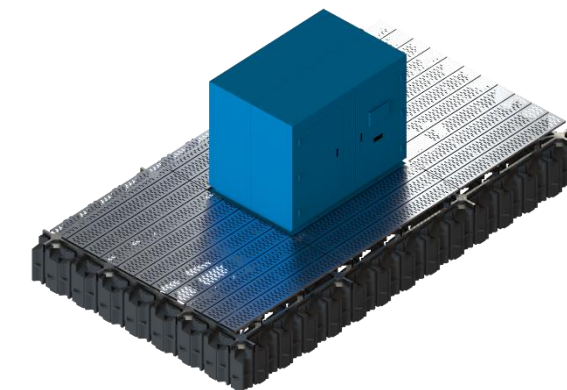
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SINNPOWER

We float renewables

