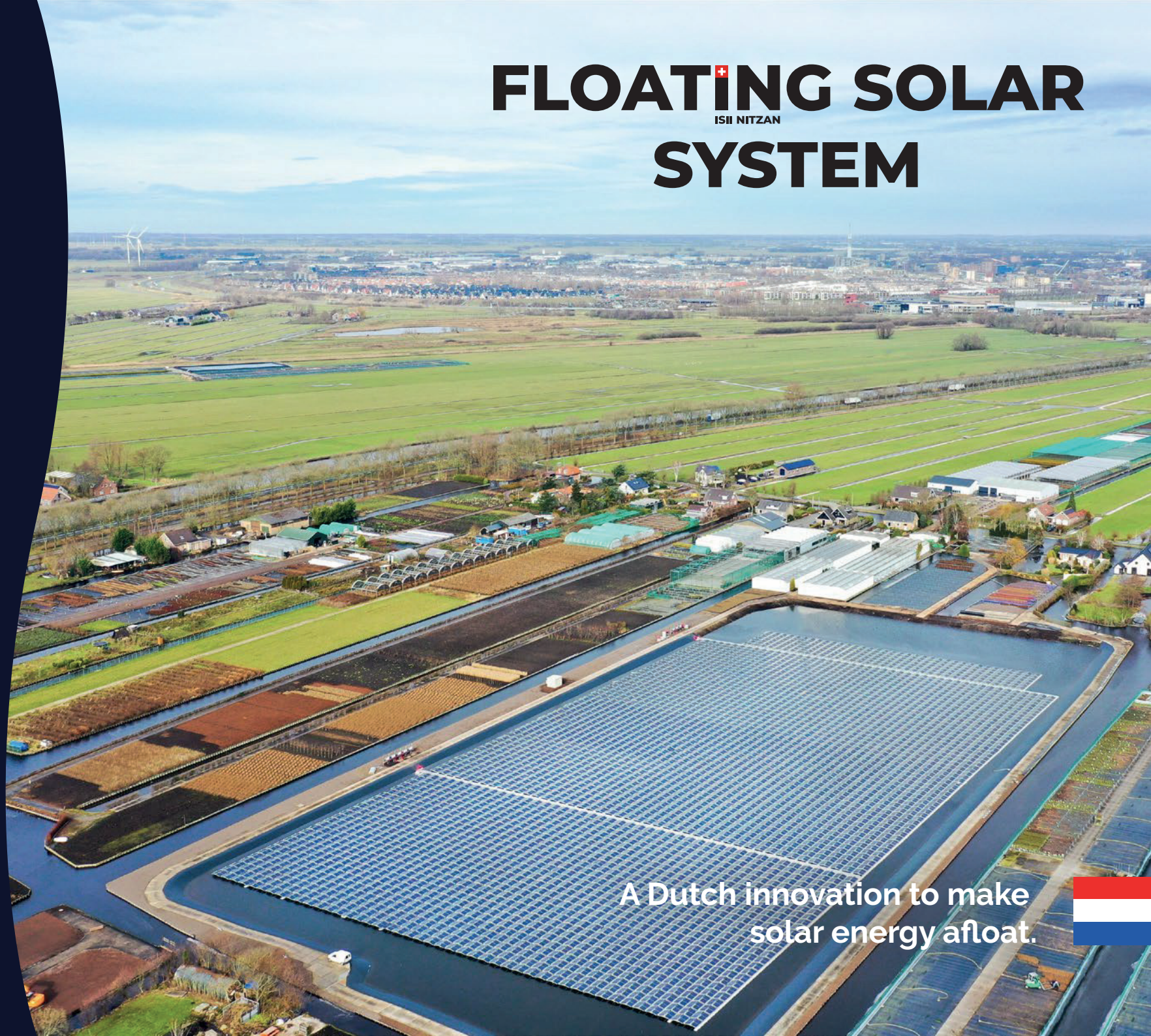




FLOATING SOLAR SYSTEM



Preferred supplier of



e.on

RWE



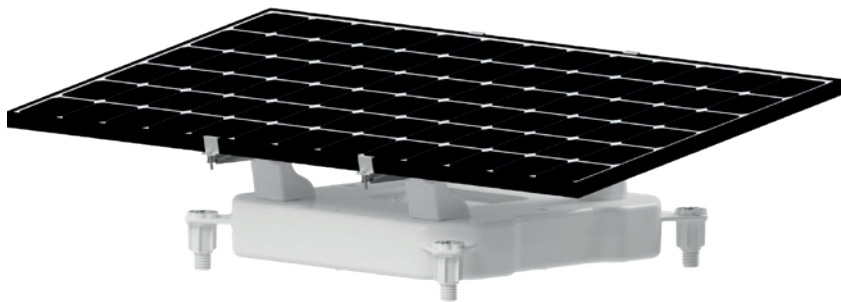
A Dutch innovation to make
solar energy afloat.



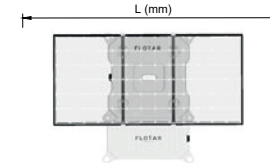
SMART

FLOTAR® floating solution sets a new industry benchmark for reliable and durable floating PV systems. The right balance between maximizing yield, cooling effect and space efficiency. The 3.0 series is optimized for every aspect of your FPV application. Adjustable tilts (5-25°) and cooling effect (up to 12% yield gain), whilst reducing environmental impact, balance of system, shipping, construction and operating costs. The new series widens the range of compatible modules. FLOTAR® can now adopt even the biggest (600Wp+) modules.

“FLOTAR® 3.0 series can adopt the biggest modules (600Wp+)”



Why SMART?



ADJUSTABLE SIZE

A very modular system. Adjustable size enables for adoption of the biggest modules (600Wp+)



PIN & NUT

Specifically designed for floating, made conical, floatable and a design lifetime of 30 years.



QUICK INSTALLATION

Only 7 elements, saves on construction cost



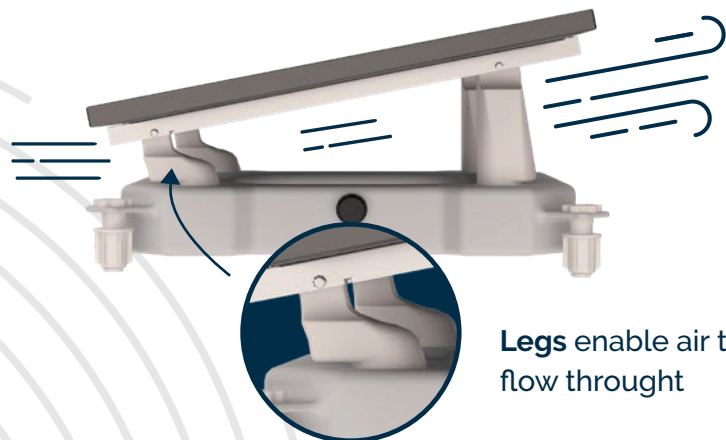
SHAPE

Space efficient, more yield per m² and more relation with water, better cooling effect

Cooling Effect

We optimized our design for maximizing connection between (cooler) water and module. For that reason modules rest on 'legs', so the air can flow through and cool the module. Till today we have gathered data, that shows in hot summer months an additional 12% yield compared with ground mounted. Bigger scale empirical data has to confirm and enable for adoption of this surplus into your businesscase.

Airflow enhances cooling effect

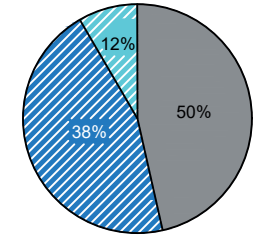


Legs enable air to flow through

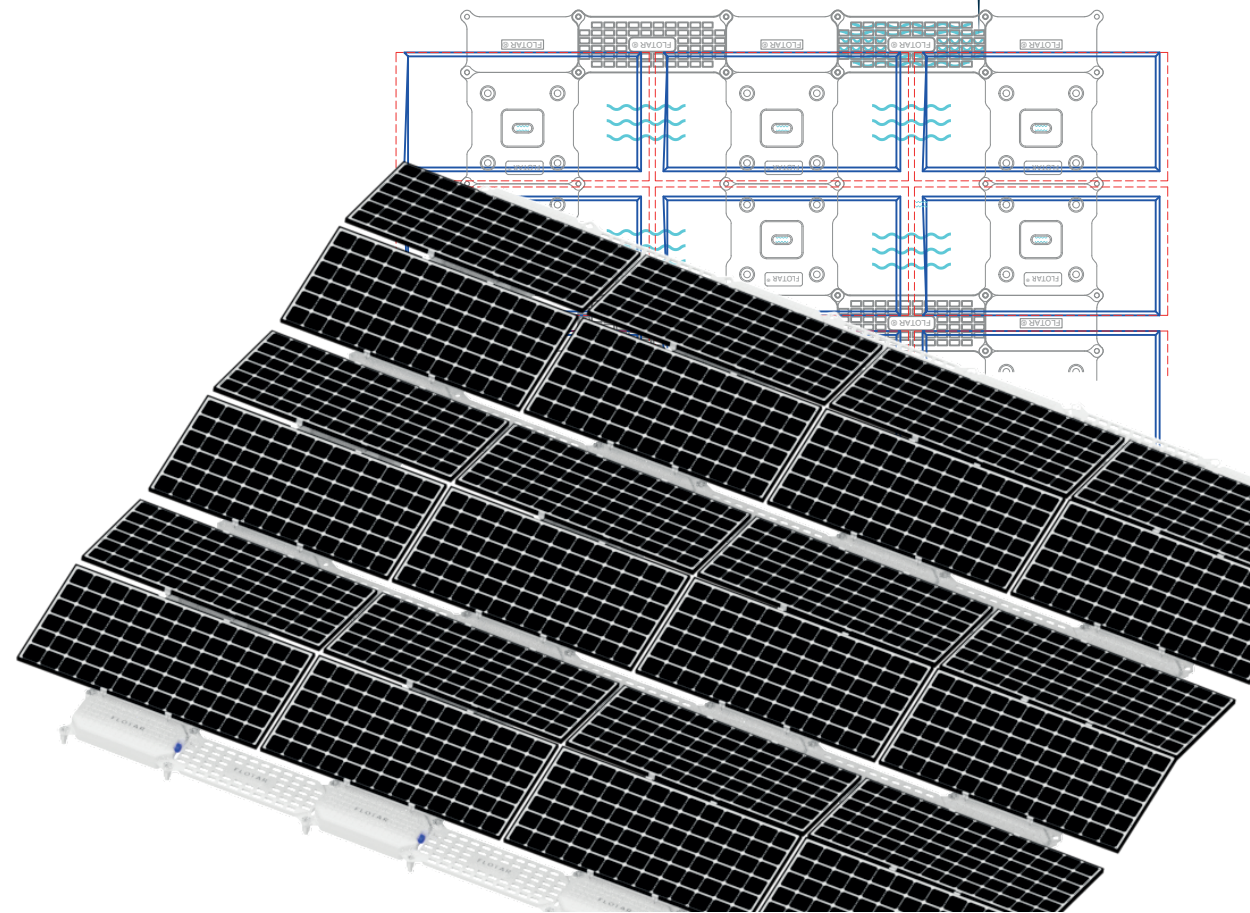
East/West Orientation [option 1]

Water surface: 1 Ha 4.063 solar modules

-  Total surface of water exposed to solar radiation (direct and indirect) 50%
-  Free water surface (receives direct solar radiation)
-  Plastic covered surface (no solar radiation)
-  Surface area covered by solar panel (receives radiation through solar panel)



*east/west shown (south orientation available)



ISII NITZAN



ISII NITZAN



PROFLOATING

ISII NITZAN



...FLOATING

ISII NITZAN



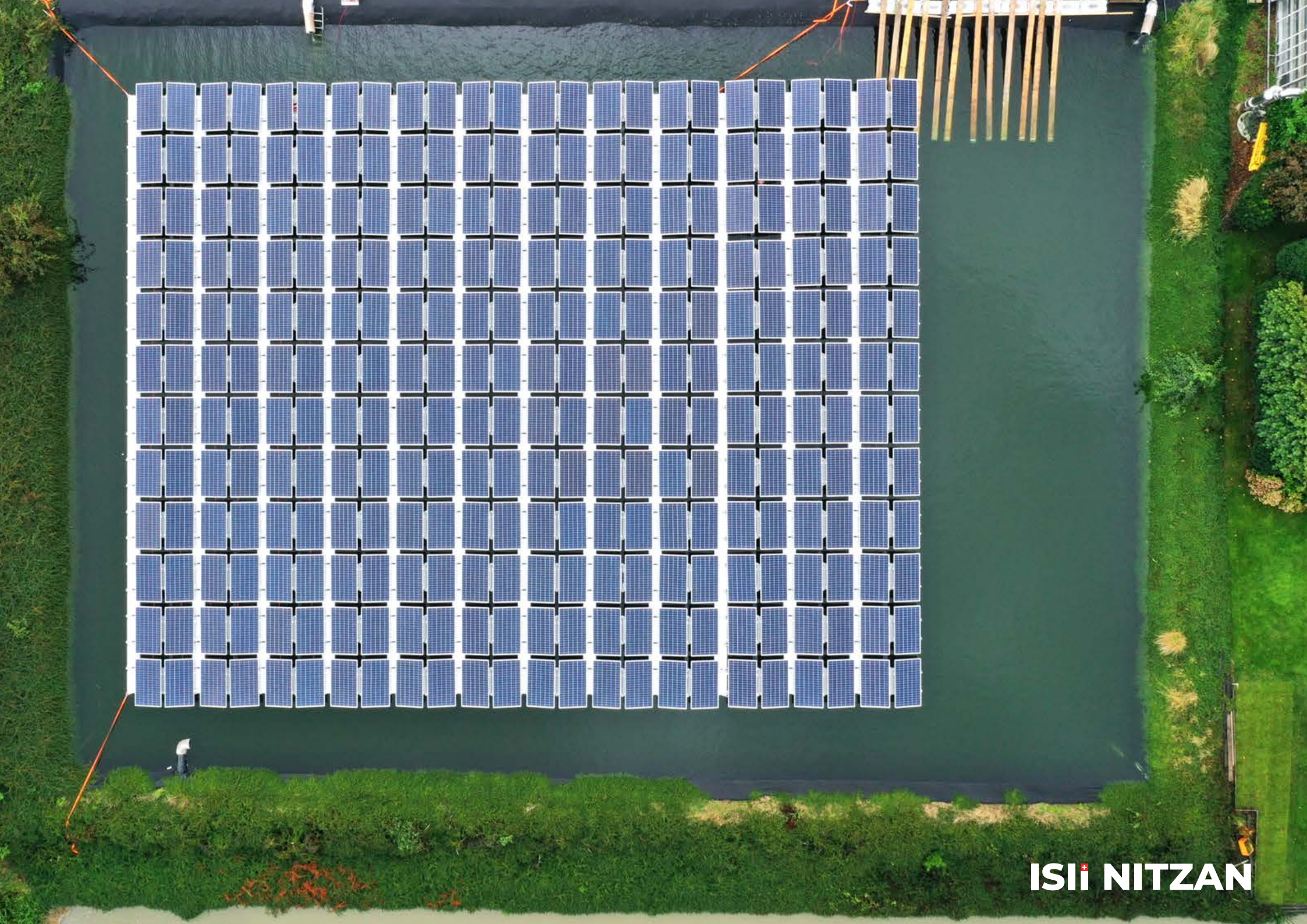
PROEFLLOATIN

ISII NITZAN



ISII NITZAN





ISI NITZAN



ISI NITZAN

ISII NITZAN



ISii NITZAN





ISI NITZAN

ISII NITZAN

ISII NITZAN GmbH

Via Cremignone 4C Sorengo
Switzerland, CH 6924

Phone: (+41) 765851837 / (+593) 988404805

Email: my@isii-nitzan.swiss

www.isii-nitzan.swiss