

# WEBINAR: Renewable Energy Futures

## Floating Solar PV Potentials in Malaysia and Operators' Experiences

10.00 – 10.05

Introduction by **Dr. Stefan HUEBNER**, President, Society of Floating Solutions Singapore (SFSS)

10.05 – 10.25

**Keynote Address:** An Overview of FPV Potential in Malaysia and Globally by **Dr. Thomas REINDL** from Solar Energy Research Institute of Singapore

10.25 – 10.40

31.23MWp Floating Solar Project by **Mr. Vasanthan** from TC Sunergy

10.40 – 10.55

PV Panel's Solution for Floating Solar System by **Mr. LIM Cheong Boon** from Trina APAC

10.55 – 11.10

Float's Solution for Floating Solar System by **Ms. Sophie LUO** from Sungrow Floating PV

11.10 – 11.30

QnA Session moderated by **Danny TON**

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1000 – 1130 (SGT)

# 20<sup>th</sup>

February  
2025



Hosted by:  Society of  
**FLOATING SOLUTIONS**  
(Singapore)

 **NUS**  
National University  
of Singapore

 **SERIS**  
Solar Energy Research  
Institute of Singapore

## WEBINAR DETAILS

Since the 2010s, floating solar PV systems have seen a surge in research and adoption, beginning in the United States and Japan. These systems can be deployed on lakes, urban water reservoirs, mining ponds, hydroelectric dam reservoirs, and even offshore. Beyond electricity generation, they offer multiple synergies with aquatic environments, such as reducing evaporation and integrating with other energy systems.

Southeast Asia boasts significant solar energy potential, both on land and water. This webinar's keynote by Dr. Thomas Reindl (SERIS) will examine the region's—particularly Malaysia's—prospects for floating solar PV adoption and its broader implications. Additional presentations from three floating solar PV operators, Mr. Jia Bin LIU (Trina Solar), Ms. Sophie LUO (Sungrow Floating PV) and Mr. VASANTHAN (TC Sunergy), will highlight experiences in energy generation, synergies with other systems, technological advancements, and sustainable development.

The webinar will offer valuable insights into the energy transition toward renewables, water resource management, climate change adaptation, and the expanding role of floating structures in these critical processes.

## SPEAKER ABSTRACTS AND BIO TEXTS

Welcome Remarks: **Dr. Stefan HUEBNER**

**President, Society of Floating Solutions (Singapore)**

Dr. Stefan Huebner is the president of the Society of Floating Solutions (Singapore) and works at the National University of Singapore's Asia Research Institute. Recent articles on floating structures, such as floating solar PV systems and floating buildings, were published in *Ocean and Coastal Management*, *ChannelNews Asia*, and *AsiaGlobal Online*. His monograph on "Earth's Amphibious Transformation," will be released by Cambridge University Press in 2025/26. In 2019, he served as U.S. SSRC Transregional Research Fellow at Harvard University, where he was previously a Fulbright scholar in 2018.

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Keynote Speaker: **Dr. Thomas REINDL**

**Deputy CEO, Solar Energy Research Institute of Singapore (SERIS)**

Dr Thomas REINDL is Deputy CEO of the Solar Energy Research Institute of Singapore (SERIS) and Principal Research Fellow (equivalent to Associate Professor) at the National University of Singapore (NUS).

He started with photovoltaics (PV) in 1992 at the SIEMENS Corporate R&D Labs. After holding several management positions at SIEMENS and running one of the leading German PV system integration companies (ILIOTEC Solar) as Chief Operating Officer and their spin-off company (PROACTIVE new energy) as Managing Director, he joined SERIS in 2010 and soon became Director of the Solar Energy System cluster. During his time at SERIS, he won public research

grants in excess of SGD 20 million, founded 2 spin-off companies and authored strategic scientific papers such as the "PV Roadmap for Singapore".

Dr. Reindl holds a Master in Chemistry, a Ph.D. in Natural Sciences and an MBA from INSEAD, all awarded with highest honours. His research interest are high-performance PV systems, techno-economic road-mapping and the reliable integration of renewable energies into energy supply systems.

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Presenter: **Mr. LIM Cheong Boon**

**Head of Product, Trina APAC**

Having over 14 years of experience in the APAC solar market. He specializes in solar PV product development, pre-sales, and technical support, with extensive expertise in product marketing and promotion.

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Presenter: **Ms. Sophie LUO**

**Overseas Sales Director, Sungrow Floating PV**

Sophie Luo currently working as the overseas sales director of SUNGROW FPV SCI. & TECH.CO., LTD. Graduated from Université du Mans with master degree and has over 10 years of experience in the FPV industry. She has supervised and accomplished many international FPV projects, leading the sales team to the first place in terms of market share for 7 consecutive years

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Moderator: **Mr. Danny TON**

**Council Member, Society of Floating Solutions (Singapore)**

**Stäubli Singapore Pte Ltd**

Has been well-connected to the solar market in Southeast Asia for last 5 years, brought many solar investors, EPC & manufacturers together for developing a greener future in the region.

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