



ENECHANGE INSIGHT RENEWABLES

For Investors

**By:
ENECHANGE
SMAP Energy**

About Us

SMAP Energy

Founded in 2016 in London UK, Smart Meter Analytics Platform (SMAP) is a SaaS solution that allows utilities to analyse energy consumption data using advanced machine learning techniques to better understand customer behaviour.

Founded by the same team in the Cambridge Energy Data Lab, in June 2017, ENECHANGE Co. LTD and SMAP ENERGY merged to form ENECHANGE Group.

Japan Energy Fund

ENECHANGE and SMAP Energy later partnered with Daiwa Investment Securities, Loop and Hokuriku to form a renewable energy investment fund, managed by members from SMAP Energy & ENECHANGE.

Japan Energy Fund (JEFund) aims to contribute to the realization of a sustainable society by focusing on the five SDGs goals through investment in the energy sector.

ENECHANGE

Founded in 2017 and based in Tokyo Japan, ENECHANGE is an operator of a data mining company designed to analyse energy data, offering a power supplier switch service for enterprises and SIM card comparison site for companies and consumers. Enechange Ltd (4169) went public on the Tokyo Stock Exchange on Dec 23, 2020.



Organizational Structure



Enechange:

- ❑ Energy data company
- ❑ Provides switching services
- ❑ >98% market share in Japan



SMAP Energy:

- ❑ SaaS solution provider
- ❑ Analyzes electricity consumption and uses machine learning
- ❑ Advises utilities



Japan Energy Fund:

- ❑ Fund to invest in RE opportunities in Turkey and Jordan managed by Enechange



Enechange Insight:

- ❑ Connects investors with RE opportunities globally and provides premium access



About Us (our companies)

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WHAT IS ENECHANGE Insight Renewables (EIR)?

EIR is a professional **renewable energy systems investment advisor and liaison office** with teams in London, Los Angeles, Tokyo and Beirut; managed and operated by Enechange and Smap Energy.

We provide market insight, **premium access to attractive RE projects** and **source investment opportunities in low-risk markets.**

We support our clients and sponsors through investment match-making, providing knowledge products and connecting with credible legal and regulatory authorities.








Enechange Insight Renewables Platform Database of RE Opportunities

40+ Registered Developers/ Advisory firms/ Investment Funds

230+ Available Investment Opportunities over **35** Countries

40+ descriptive fields and criteria for each project

The projects have different policies **FiT, C&I, Spot Market** and fall under **various development stages**

	Solar	188 Projects	15143 MW
	Wind	15 Projects	1165 MW
	Storage	8 Projects	502 MW
	Hydro	5 Projects	58 MW
	Others Green Hydrogen, WTE, Geothermal, Biomass	13 Projects	178 MW

More than 40 developers/advisors are part of our platform offering **230+ projects** with a total capacity of more than **18.0 GW**

SARANAC
PARTNERS

SOLECO ENERGY

HIVE
ENERGY

GreenDefine Energy LLC.



EPC Technologies
Smarter Energy

Foresight
group



Voltiq®

tona
syntegra
solar

Swimsol



LIMES
RENEWABLE ENERGY

PINEGATE
RENEWABLES

Next 2 Sun

PHOTON
ENERGY

UGE
PHILIPPINES



KALTIMEX
ENERGY

SOLAR PORTFOLIOS

Powertis

BORUSAN

EnBW

FINERGREEN

B&Co



INDOCHINA
Energy Partners

SOLARIF

ENERGÍA
ALJAVAL



yes

Vector
Renewables

ENTORIA
ENERGY

VENN
ENERGY

RECOM

RedWind®

Innovative
Solar Systems

soham



SUNRAY



ZA Global
PARTNERSHIPS, CO.

WINTON

Database Sample

#	Region	Project Type	Technology	Project Architecture	COD	Capacity	Policy
1	East Asia	Greenfield	Solar PV	Ground-mounted	Q1 2023	158	FIT
2	East Asia	Greenfield	Solar PV	Ground-mounted	Q3 2022	72	Merchant or Corporate PPA
3	South Asia	Greenfield	Solar PV	Ground-mounted	Q4 2021	23	PPA
4	South Asia	Brownfield	Solar PV	Rooftop	Q1 2020	1	Corporate PPA
5	Southeast Asia	Greenfield	Biomass	-	Q4 2022	10	PPA
6	Southeast Asia	Greenfield	Solar PV + Storage	Ground-mounted	Q2 2023	100	Merchant or Corporate PPA
7	Southeast Asia	Greenfield	Solar PV	Ground-mounted	Q2 2023	80	PPA
8	Southeast Asia	Greenfield	Solar PV	Rooftop	Q3 2021	35	Corporate PPA
9	Southeast Asia	Greenfield	Wind	Onshore	Q4 2021	120	FIT
10	Southeast Asia	Brownfield	Solar PV	Ground-mounted	Q2 2019	50	FIT
11	Southeast Asia	Greenfield	Solar PV	Ground-mounted	TBD	96	FIT
12	Southeast Asia	Greenfield	Solar PV	Rooftop	Q2 2021	7	FIT
13	Southeast Asia	Brownfield	Solar PV	Rooftop	Q4 2020	1	Corporate PPA
14	Southeast Asia	Greenfield	Wind	Onshore	2023	150	Government PPA
15	Southeast Asia	Greenfield	Wind	Nearshore	Q2 2022	50	FIT
16	Southeast Asia	Greenfield	Solar PV	Rooftop	TBD	2	Corporate PPA
17	Southeast Asia	Greenfield	Solar PV	Rooftop	TBD	10	Corporate PPA

Past Webinars: October 20 Webinar Agenda | EU

16:00 - 16:20 **ENECHANGE Insight | Renewables**

Introduction & Mission

Overview and Summary of Presentations

16:20 - 16:35 **Regional & RE Market Overview**

Wood Mackenzie, Tom Heggarty - Principal Analyst

16:35 - 16:45 **Relevant Regulatory and Policy Decrees**

Eversheds Sutherland, Michel Chatelin - Partner

16:45 - 17:10 **Developer Presentation and Relevant Projects**

Powertis, Javier Adiego - CFO

Q&A, Chaired by ENECHANGE Insight

17:10 - 17:20 **BESS in Europe**

Clean Horizon, Corentin Baschet - Head of Market Analysis

17:20 - 17:45 **Fund Manager Presentation and Investment Opportunity**

Foresight Group, Richard Thompson - Partner

Q&A, Chaired by ENECHANGE Insight

17:45 - 17:50 ***Material Summary and Future Webinar and Conference***

Past Webinars:
January 26 Webinar Agenda | SEA

16:00 - 16:05 ENECHANGE Insight Renewables

Introduction & Mission

16:05 - 16:45 Developer Presentation and Relevant Projects

Entoria Energy, Vincenzo Faggioli - CEO
Q&A, Chaired by ENECHANGE Insight

16:45 -16:50 BREAK

16:50 - 17:30 Developer Presentation and Relevant Projects

Limes Renewable Energy, Cristiano Spillati - Managing Director
Q&A, Chaired by ENECHANGE Insight

17:30- 17:35 *Material Summary and Future Webinar and Conference*

Past Webinars: February 25 Webinar Agenda | NA

09:00 - 09:05 ENECHANGE Insight Renewables

Introduction & Mission

09:05 - 09:45 Developer Presentation and Relevant Projects

SunRay Power, Alana Martell - Managing Member
Q&A, Chaired by ENECHANGE Insight

09:45 -09:55 BREAK

09:55 - 10:35 Developer Presentation and Relevant Projects

Innovative Solar Systems, Joseph Branson - Commercial
Development and Sales Manager
Q&A, Chaired by ENECHANGE Insight

10:35- 10:40 Material Summary and Future Webinar and Conference

SOLARPLAZA

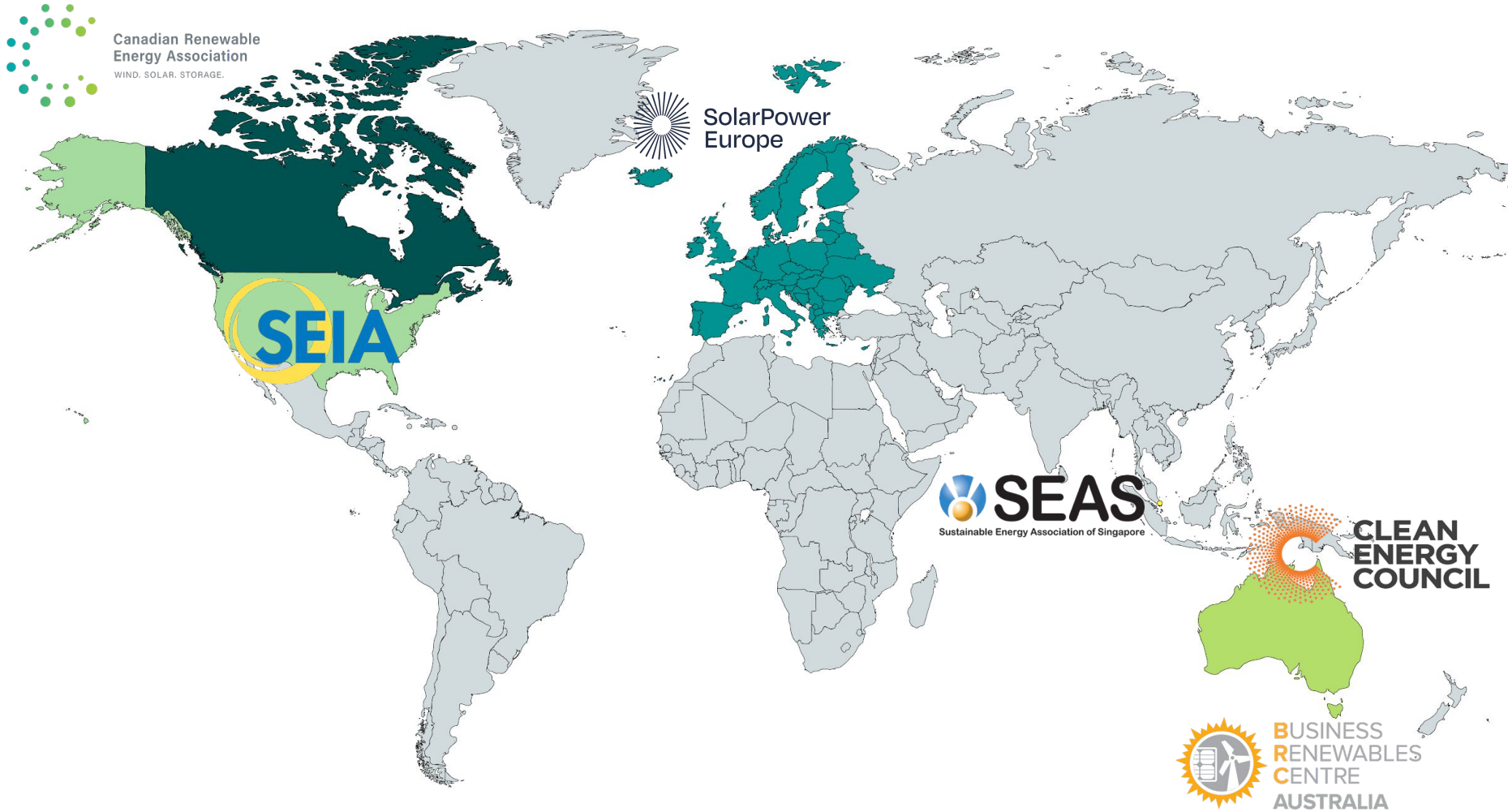
Enechange Insight Renewables will be conducting the annual conference with support from SolarPlaza, one of the most prominent solar event organizers.

The company has been leading and inspiring the renewable energy industry with high-level events and trade missions for more than sixteen years.

- ESTABLISHED in 2004
- 140+ EVENTS
- 40+ COUNTRIES FROM CHILE TO CHINA
- 60.000+ PV PROFESSIONALS IN SOLARPLAZA NETWORK



We are a proud member of leading energy associations operating in various regions in the world.

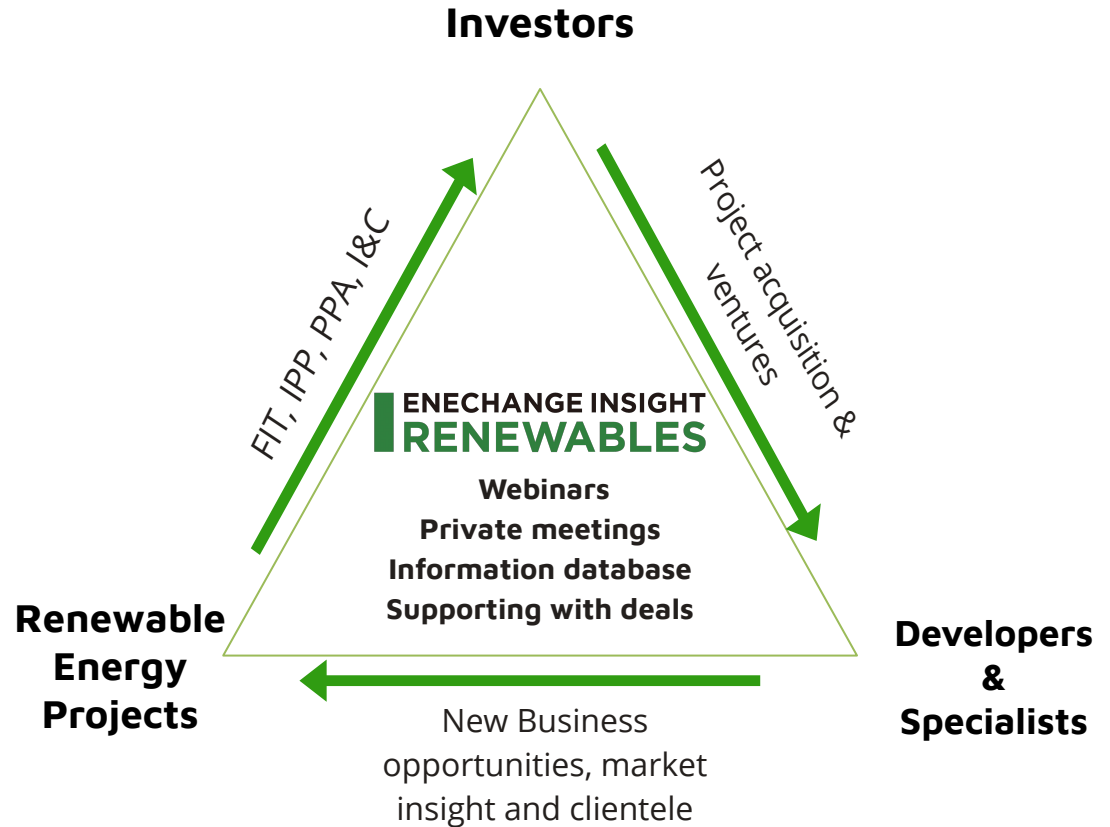


Why Join?

As an investor, you will get premium access to investment opportunities, projects, developers and market insight. Data sharing is filtered based on your targeted needs.

The opportunities are delivered via the Enechange Insight Renewables team through a bespoke built database.

You will be able to enlarge your network, get access to opportunities that are unique and attractive to you and connected with peers in the industry.



Meet the Team



Yuichiro Shinohara
Enechange Executive Officer



Yuya Kato
Enechange RE Division



Adnan Mortada
SMAP Energy CoFounder, Manager MENA



Ahmad Diab
SMAP Energy Manager



Jinan Bou Karroum
SMAP Energy Business Analyst



Eppy Kurkjian
SMAP Energy Investment Analyst



Oscar Martinez-Yang
SMAP Energy Research Analyst

Our Partners in ENECHANGE Insight Ventures

大和エネルギー・インフラ

Daiwa Energy & Infrastructure

Loop

Hokuriku Electric Power Company



CHUBU
Electric Power

Mitsui Sumitomo Insurance

MS&AD INSURANCE GROUP

SHIMIZU CORPORATION
SHIMZ



TOYOTA TSUSHO CORPORATION



MIRAIT

Energia
中国電力



Tohoku Electric Power Co., Inc.



YONDEN

TOKYO GAS



ENEOS Holdings, Inc.

Panasonic

Our Partners in ENECHANGE Insight Renewables

大和エネルギー・インフラ







Daiwa Energy & Infrastructure



NIPPON STEEL
TRADING



Yearly Subscription

	Services	Description	Basic (500 £/Month)	Professional (1,000 £/Month)
	Database of Investment Opportunities	Access to the online application and database hosting developers, projects and investment opportunities.	Monthly updates of the database	
	Monthly Webinar	A regional based webinar to showcase the available renewable energy investment opportunities and provide market insights.	Up to 2 participants (per subscribed company)	Unlimited
	One-on-one Meetings	A follow-up meeting on the investment opportunities listed in the database and/or presented in the webinars.	once per month	Up to 3 times per month
	Annual Summit	Free tickets to the annual summit that is held in the presence of energy market stakeholders.	Up to 2 participants (per subscribed company)	Up to 5 participants (per subscribed company)
	Integrate your focus areas and needs	A communication officer will be dedicated to work with you and communicate your areas of interest to be incorporated into the the team's targets and work.	Not available	Available
	Co-Investment with other Subscribers	Meeting with other subscribers to discuss co-investment opportunities.	Not available	Once per quarter

CONTACT US

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