



180 MWp

TOTAL INSTALLED CAPACITY

TOTAL ON-GOING PROJECTS

JAPAN

Okegawa	1,180	kWp	July 2013	Na
Kawagoe	696	kWp	June 2014	Sa
Maeno-ike	848	kWp	September 2014	Hi
Yasugi	1,098	kWp	November 2014	Ку
Kato-shi	2,870	kWp	March 2015	Ki
Sawa-ike	1,008	kWp	May 2015	Go
Sakasama-ike	2,313	kWp	May 2015	No
Fuku-ike	1,076	kWp	June 2015	Ta
Hirai-ike	1,125	kWp	July 2015	Ве
Hanamidai	1,153	kWp	August 2015	Yι
Funatsu Osawa	1,485	kWp	September 2015	O
Umenoki	7,550	kWp	October 2015	Sh
Kawarayama-ike	1,428	kWp	December 2015	Da
Toriga-ike	630	kWp	February 2016	Hi
Sakurashita-ike	809	kWp	February 2016	Ha
Juman-ike	490	kWp	March 2016	Sa
Sohara-ike	2,398	kWp	March 2016	Ko
Naga-ike Nishi	1,078	kWp	March 2016	Ta
Kichioka	59	kWp	April 2016	W
Kasaoka	973	kWp	May 2016	Icl
Kobe Oike	1,212	kWp	May 2016	Be
Gono-ike	1,203	kWp	May 2016	Oı
Takada	59	kWp	June 2016	0:
Yakino-ike	1,714	kWp	July 2016	Ya
Rengeji-ike	300	kWp	July 2016	To
Hira-ike	1,260	kWp	July 2016	Of
Tsuga-ike	2,400	kWp	August 2016	Ot
Kurobe	195	kWp	August 2016	Iw
Hirono Shin-ike	1,751	kWp	September 2016	Ot
Isawa-ike	632	kWp	October 2016	U۱
Sayama Ootori-ike	2,502	kWp	November 2016	Uı
Sayama Nigori-ike	280	kWp	November 2016	

Naga-ike Higashi	2,156	kWp	November 2016
Sakurakami-ike	1,992	kWp	December 2016
Hikona	660	kWp	January 2017
Kyuhin	1,188	kWp	January 2017
Kire-ike	691	kWp	January 2017
Gojiga-ike	572	kWp	January 2017
Noma-ike	2,435	kWp	March 2017
Tachiai Oku-ike	835	kWp	March 2017
Besso-ike	1,426	kWp	June 2017
Yukimine Kami-ike	1,568	kWp	July 2017
Ootsuda-ike	973	kWp	August 2017
Shimoyama-ike	1,966	kWp	August 2017
Daikai-ike	300	kWp	August 2017
Hirono Nigo-ike	1,261	kWp	September 2017
Hachigo-ike	2,402	kWp	October 2017
Sara-ike	1,176	kWp	October 2017
Komaga	2,297	kWp	October 2017
Tano-ike	2,552	kWp	October 2017
Watashi-ike	2,170	kWp	November 2017
Ichinomiya-ike	2,242	kWp	December 2017
Besho Sara-ike	540	kWp	December 2017
Onuma	318	kWp	December 2017
Osawa	2,449	kWp	January 2018
Yamakura dam	13,744	kWp	March 2018
Togawa-ike	2,362	kWp	March 2018
Ota-ike Naka	2,435	kWp	March 2018
Ota-ike Higashi	2,435	kWp	March 2018
Iwano-ike	2,596	kWp	Winter 2018
Otori Babe-ike	2,495	kWp	June 2018
Uwa-ike	637	kWp	June 2018
Urayasu-ike	9,087	kWp	February 2019

NORTH AMERICA

UCF Orlando (FL)	5	kWp	March 2016
UCF extension (FL)	1,243	kWp	2018
Kunde Winery (CA)	10	kWp	May 2016
Kunde extension (CA)	471	kWp	2018
Orlando Utilities (FL)	32	kWp	February 2017

LATIN AMERICA

Miraflores (PA) Goiás Farm - GO (BR)		kWp kWp	February 2017 July 2017
Sobradinho - BA (BR)	1,248	kWp	December 2017
Sobradinho extension	3,744	kWp	April 2018
Balbina - AM (BR)	4,992	kWp	December 2018

EUROPE

Piolenc (FR)	15	kWp	February 2011
Sheeplands (EN)	200	kWp	September 2014
Nofar (IL)	22	kWp	November 2015
Bör (SE)	13	kWp	December 2015
Ben Acre (EN)	3 x 100	kWp	December 2015
Polybell (EN)	471	kWp	December 2015
Reeders (EN)	50	kWp	December 2015
Godley (EN)	2,991	kWp	January 2016
Queen Elizabeth II (EN)	6,338	kWp	March 2016
Wattco pilot (NL)	4	kWp	May 2016
Alto Rabagao (PT)	218	kWp	November 2016
Maxima Bridge (NL)	57	kWp	December 2016
Pontecorvo (IT)	343	kWp	February 2017
Cegonha (PT)	11	kWp	February 2017
Slufter (NL)	51	kWp	October 2017
Hesbaye Frost (BE)	998	kWp	October 2017

ASIA & OCEANIA

Yothathikan pilot (TH)	5	kWp	October 2014
O-Chang (KR)	495	kWp	February 2015
Sungai Labu (MY)	108	kWp	November 2015
Kas Green Energy pilot (ID)	5	kWp	June 2016
Tengeh (SG)	3 x 100	kWp	October 2016
Ulu Sepri (MY)	270	kWp	November 2016
Pirongji (KR)	706	kWp	December 2016
Shek Pik (HK)	99	kWp	March 2017
Taoyuan (TW)	481	kWp	March 2017
Agongdian (TW)	2,320	kWp	June 2017
Heze City (CN)	600	kWp	June 2017
Plover Cove (HK)	111	kWp	October 2017
Anhui CECEP (CN)	70,000	kWp	October 2017
Anhui GCL (CN)	32,686	kWp	October 2017
Lismore (AU)	100	kWp	November 2017
Pei County (CN)	9,982	kWp	Autumn 2017
Tian Chang (CN)	1,000	kWp	Autumn 2017
Shimen (TW)	14,000	kWp	Autumn 2017
Sugu (TW)	5,100	kWp	Autumn 2017

AFRICA

Kairouan pilot (TN)	5 kWp	May 2017

JAPAN

65 MWp
INSTALLED CAPACITY

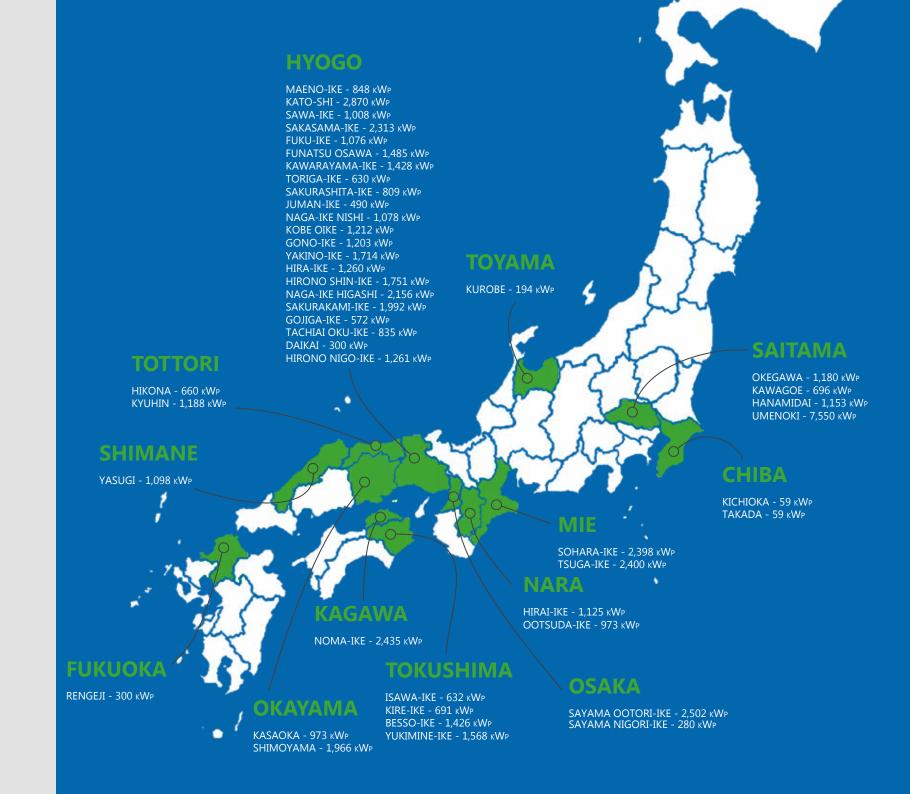


53 SOLAR POWER PLANTS



52 MWp ON-GOING PROJECTS





OKEGAWA - 1,180 kWp 4,536 JA SOLAR modules (260 W)



First «Mega Floating Solar» plant installed

Installed on a rain water retention reservoir Grid connected in July 2013

· Water surface: 3.07 ha

• Island surface: 1.16 ha

• Coverage ratio: 38%

· Maximum depth: 6.0 m

· Level variation: 6.0 m



Bottom anchoring system



60-cell PV modules



SCOPE OF RESPONSIBILITY

Development



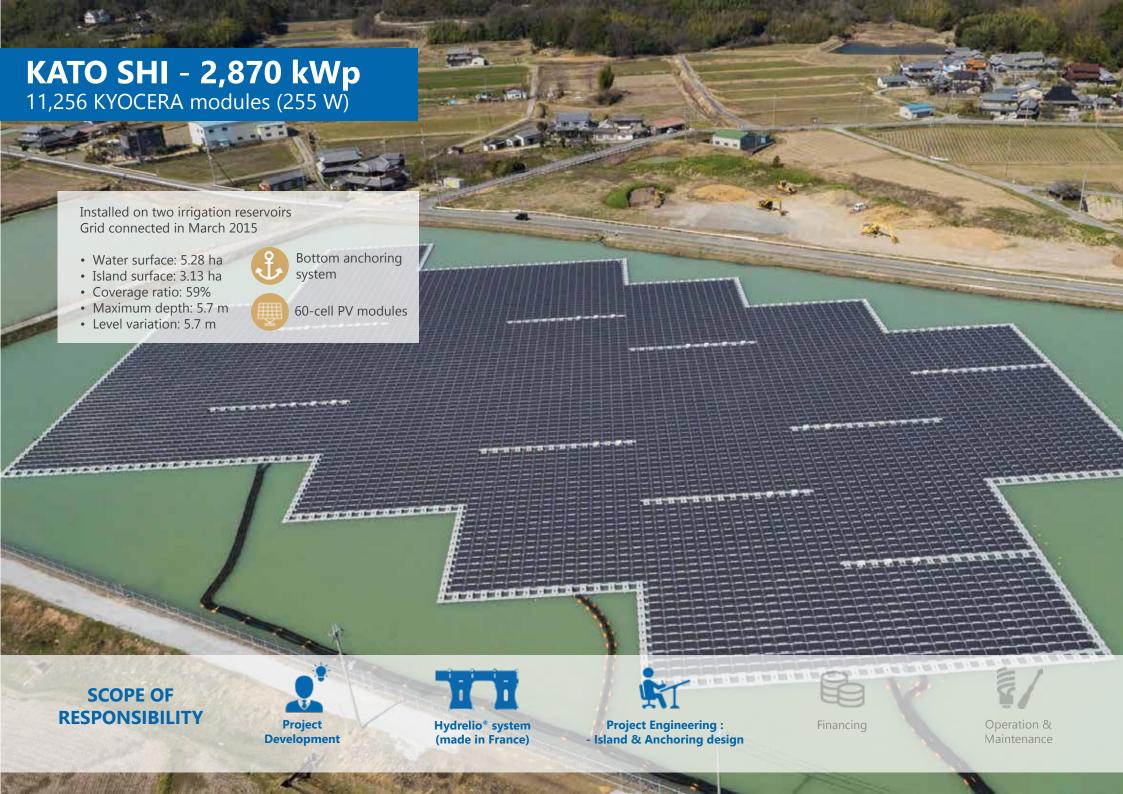


Project Engineering: - Island & Anchoring design



Financing







FUKU IKE - 1,076 kWp 4,140 MITSUBISHI modules (260 W)



Constructed on a dried pond

Installed on an irrigation pond Grid connected in June 2015

· Water surface: 1.55 ha

· Island surface: 1.11 ha

• Coverage ratio: 72%

• Maximum depth: 2.0 m

· Level variation: 2.0 m



Bottom anchoring

system



60-cell PV modules





SCOPE OF RESPONSIBILITY







Project Engineering: - Island & Anchoring design



Financing





SCOPE OF RESPONSIBILITY







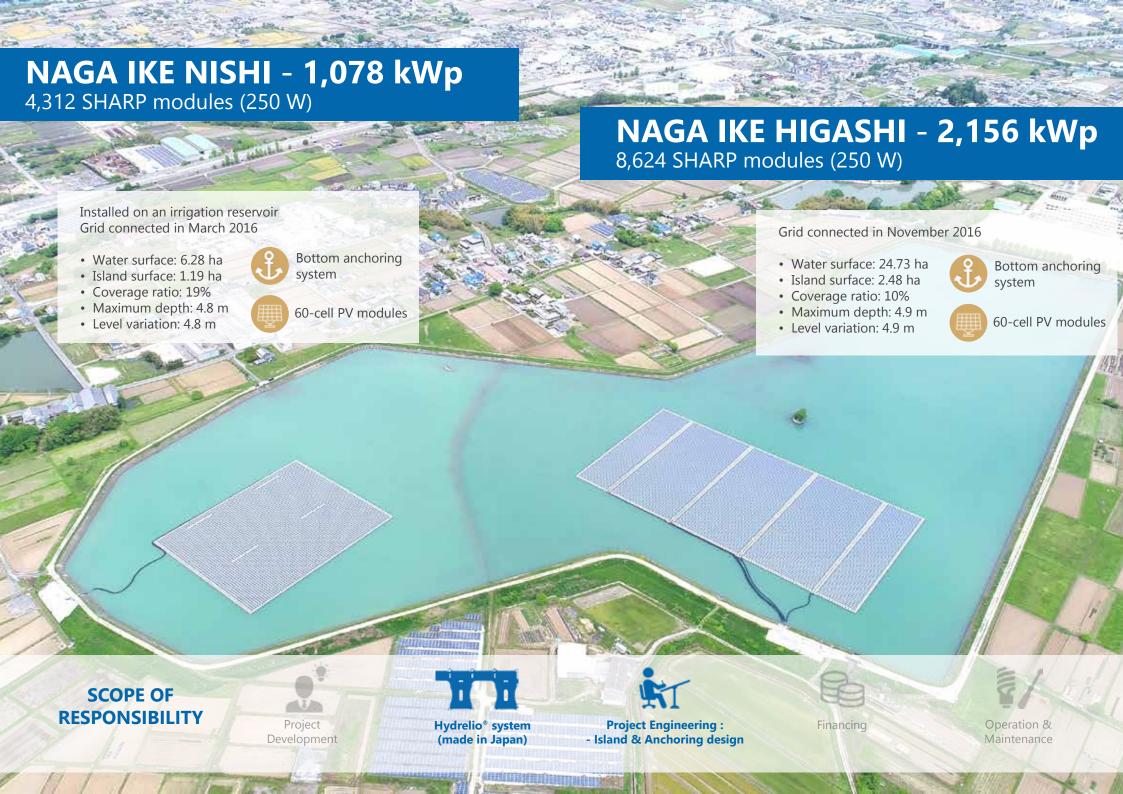
Project Engineering:
- Island & Anchoring design



Financing









RESPONSIBILITY



Hydrelio® system (made in Japan)



Project Engineering: - Island & Anchoring design





RESPONSIBILITY





Project Engineering: - Island & Anchoring design - Construction supervision

Financing



Maintenance

YUKIMINE KAMI IKE - 1,568 kWp

5,808 KYOCERA modules (270 W)

Installed on an irrigation pond Grid connected in July 2017

Water surface: 2.74 haIsland surface: 1.61 ha

Island surface: 1.61 haCoverage ratio: 59%



Bottom anchoring system



60-cell PV modules









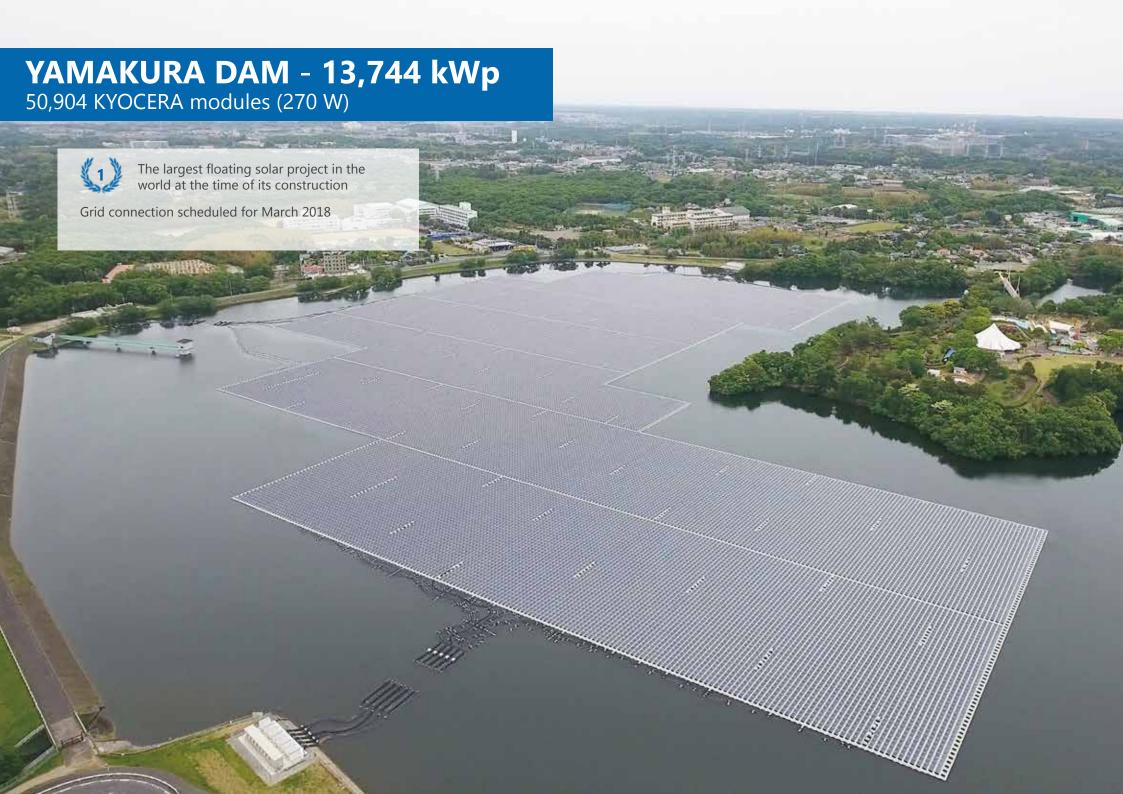
Project Engineering:
- Island & Anchoring design
- Construction supervision



Financing







EUROPE

11 MWp
INSTALLED CAPACITY



15 SOLAR POWER PLANTS



1 MWp
ON-GOING PROJECTS





SHEEPLANDS - 200 kWp

800 TRINA modules (250 W)



First floating solar plant installed in the UK

Installed on an irrigation pond Grid connected in September 2014

• Water surface: 1.49 ha

• Island surface: 0.21 ha

• Coverage ratio: 14%

Maximum depth: 6.1 mLevel variation: 6.1 m

Bank anchoring system



60-cell PV modules



SCOPE OF RESPONSIBILITY







Project Engineering:
- Island & Anchoring design
- Anchoring system supply



Financing



POLYBELL - 471 kWp 1,848 REC modules (255 W)



First time that Ciel & Terre® is the EPC for a floating power plant

Installed on an irrigation reservoir Grid connected in December 2015

- Water surface: 4.73 ha
- Island surface: 0.50 ha
- Coverage ratio: 11%
- Maximum depth: 3.9 m
- Level variation: 3.9 m



Bank anchoring system



60-cell PV modules

SCOPE OF RESPONSIBILITY















QUEEN ELIZABETH II - 6,338 kWp 23,046 SUNTECH modules (275 W)

Installed on a drinking water reservoir Grid connected in March 2016

Water surface: 128 haIsland surface: 5.95 ha

• Coverage ratio: 5%

• Maximum depth: 18.4 m

• Level variation: 18.4 m



Bottom anchoring system



60-cell PV modules











Project Engineering : - Island & Anchoring design





WATTCO PILOT - 4 kWp 14 BISOL modules (265 W)

Installed on a water storage pond Grid connected in May 2016

• Water surface: 0.02 ha

• Island surface: 0.004 ha • Coverage ratio: 20%



Bottom anchoring system



60-cell PV modules













ALTO RABAGAO - 218 kWp

840 REC modules (260 W)



The world first power plant combining hydroelectricity and solar energy

Installed on a dam reservoir Grid connected in November 2016

• Water surface: 2,212 ha

• Island surface: 0.26 ha

Coverage ratio: 0.01%
 Maximum danth: 00.0

• Maximum depth: 90.0 m

• Level variation: 30.0 m



Bottom anchoring system



60-cell PV modules



SCOPE OF RESPONSIBILITY





Hydrelio® system (made in France)



Project Engineering :
- Island, Anchoring & Electrical design
- Construction



Financing



PONTECORVO - 343 kWp 1,320 PEIMAR modules (260 W)

Installed on an irrigation pond Grid connected in February 2017

• Water surface: 0.88 ha

• Island surface: 0.38 ha

• Coverage ratio: 43%

• Maximum depth: 5.5 m • Level variation: 5.5 m



Bank anchoring system



60-cell PV modules



SCOPE OF RESPONSIBILITY







Project Engineering: - Island & Anchoring design





ASIA & OCEANIA

5.3 MWp
INSTALLED CAPACITY



11 SOLAR POWER PLANTS



114 MWp ON-GOING PROJECTS





O-CHANG - 495 kWp 1,978 HANWHA modules (250 W)



First floating solar plant installed on a dam

Installed on an irrigation dam Grid connected in February 2015

• Water surface: 49.12 ha

• Island surface: 0.56 ha

• Coverage ratio: 1%

• Maximum depth: 13.8 m

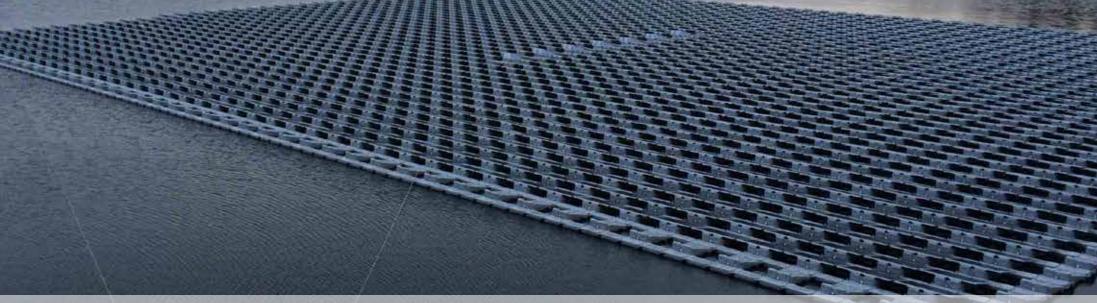
• Level variation: 11.3 m



Bottom anchoring system



60-cell PV modules



SCOPE OF RESPONSIBILITY

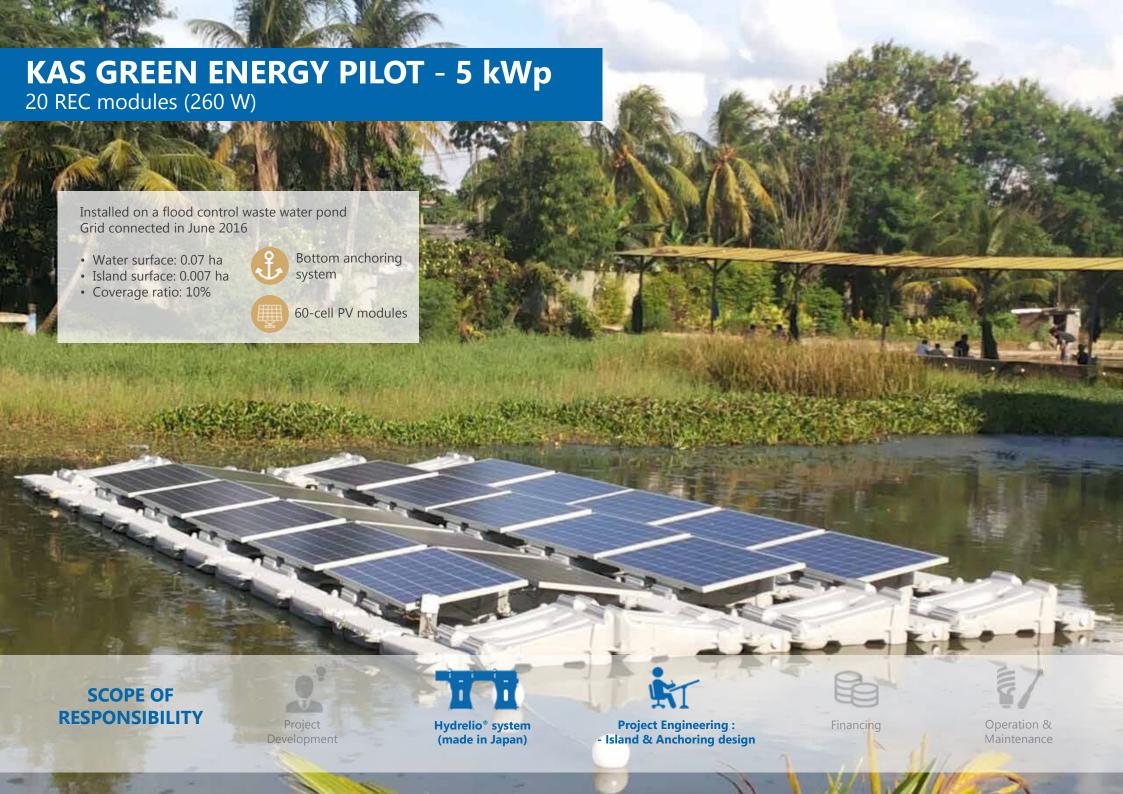






Project Engineering: - Island & Anchoring design







AGONGDIAN - 2,320 kWp

18,240 ABLYTEK modules (290 W)

Installed on a water retention dam Grid connected in June 2017

• Island surface: 2.16 ha

RESPONSIBILITY



Hybrid anchoring system: bottom + on shores



Project

Development

60-cell PV modules

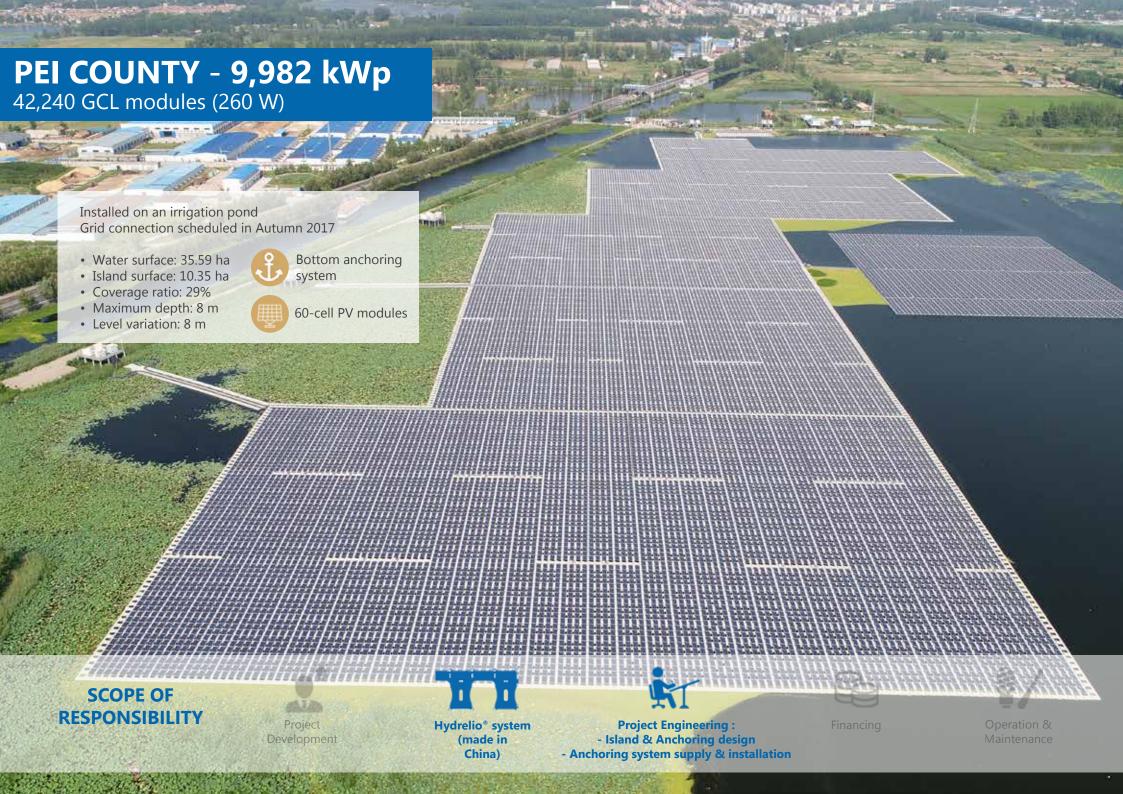


Project Engineering:

- Island & Anchoring design

Hydrelio® system

(made in Taiwan)



LATIN AMERICA

329 kWp
INSTALLED CAPACITY



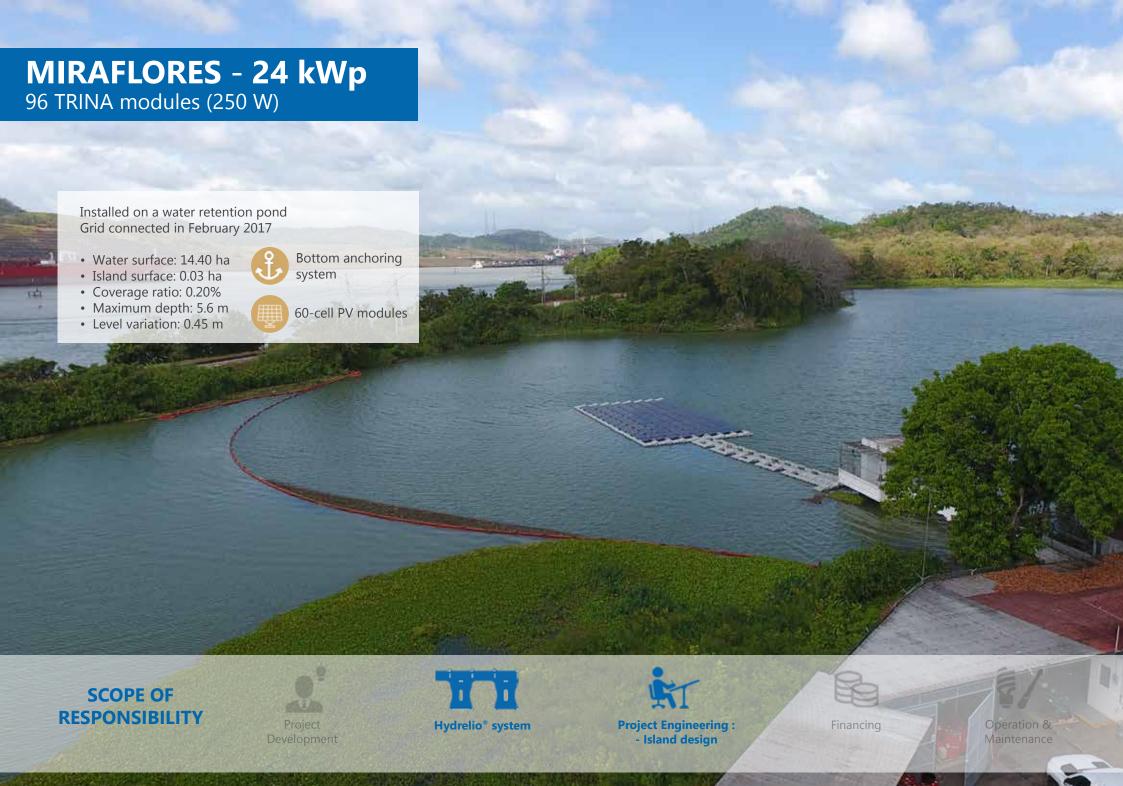
2 SOLAR POWER PLANTS



10 MWp
ON-GOING PROJECTS







GOIAS FARM - 305 kWp 1,150 CANADIAN SOLAR modules (265 W)



First floating solar plant installed in Brazil

Installed on an agricultural pond Grid connected in July 2017

- Water surface: 0.70 ha
- Island surface: 0.32 ha



Anchoring on shores



SCOPE OF RESPONSIBILITY







Project Engineering: - Island design



Financing







NORTH AMERICA

47 kWp
INSTALLED CAPACITY



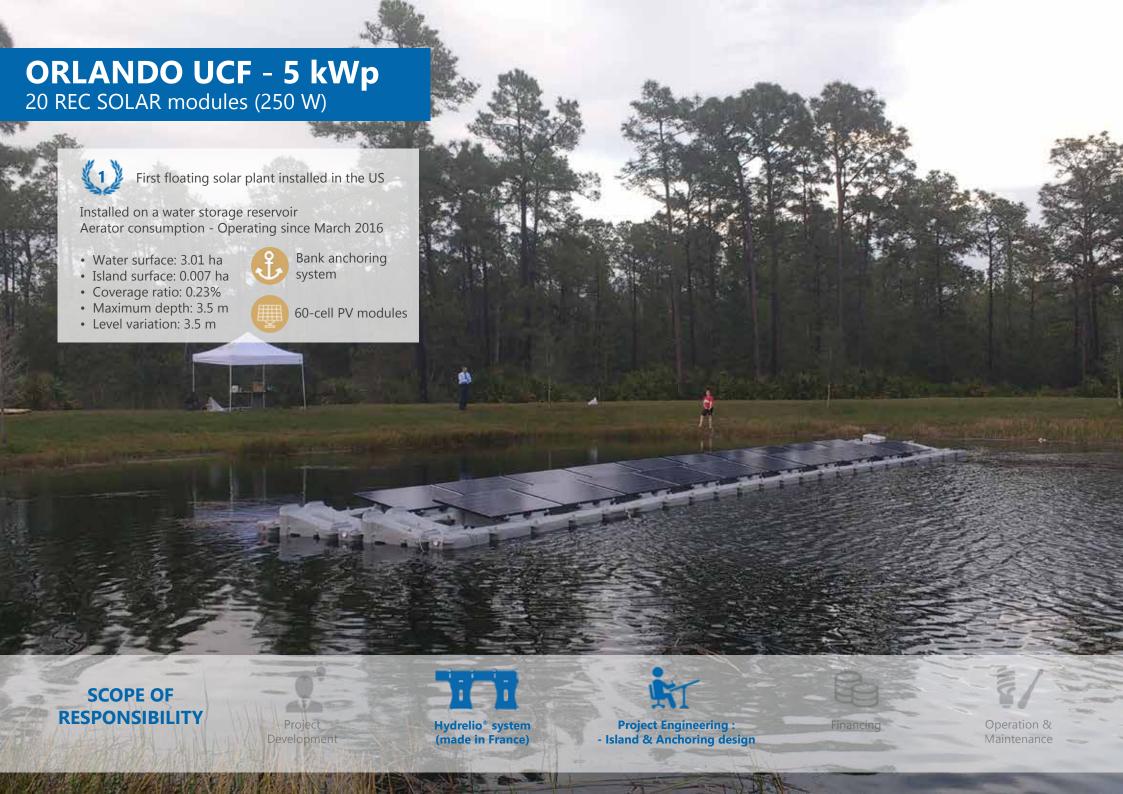
3 SOLAR POWER PLANTS

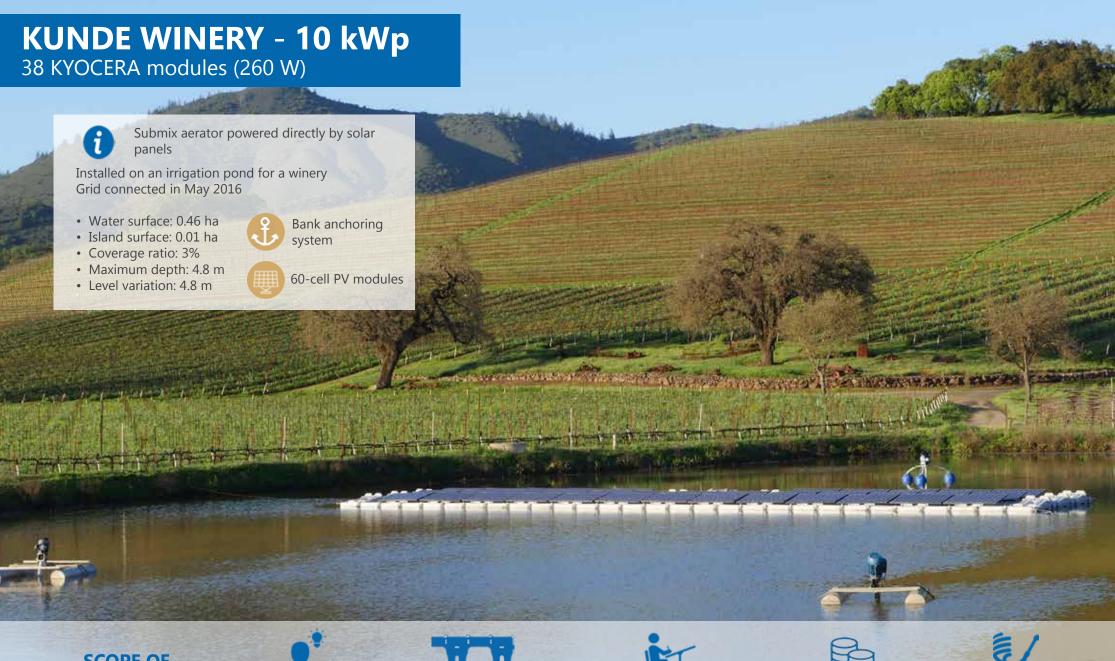


1.7 MWp ON-GOING PROJECTS









SCOPE OF RESPONSIBILITY



Hydrelio® system (made in Japan)



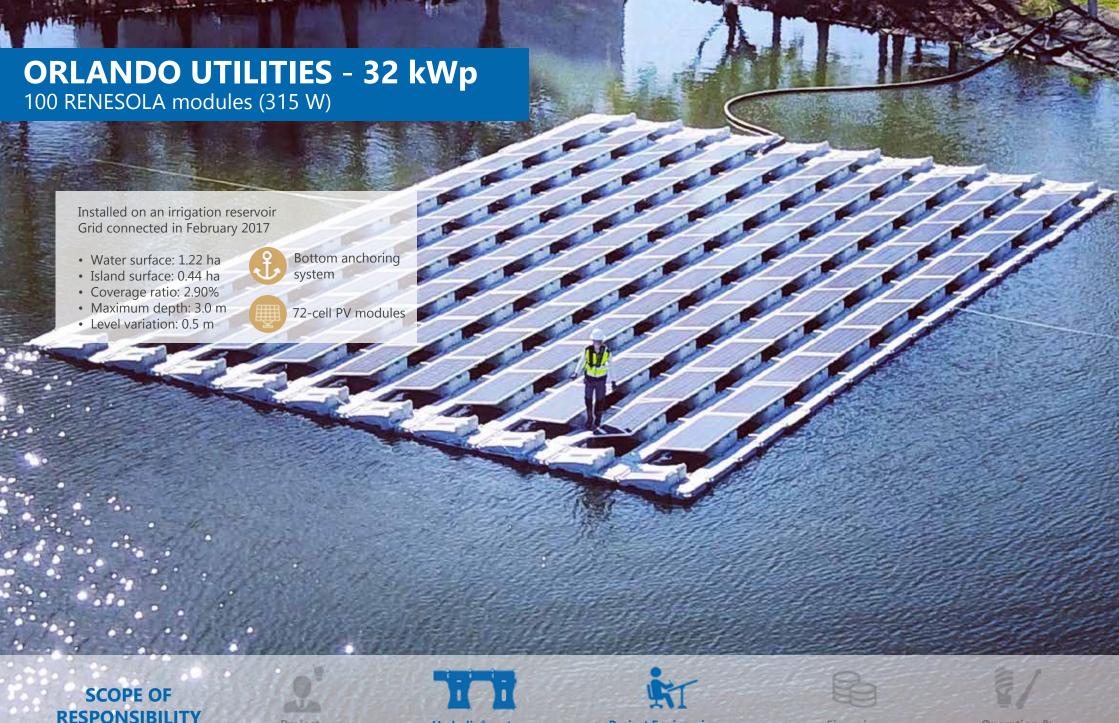
Project Engineering:

- Island & Anchoring design - Submix aerator installation



Financing





RESPONSIBILITY





Hydrelio® system (made in USA)

Project Engineering: - Island & Anchoring design and supply

- PV panels & inverters supply - Anchoring system installation



