



Laketricity

SOLAR POWER ON WATER

OUR REFERENCES

JUNE 2022

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AOKI IKE

1 574 kWp

Kagawa Japan
June 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



2 112 MWh/year
expected



603 Homes/year
electrical equivalence
consumption



1 075 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,90 ha
- Island surface: 1,44 ha
- Coverage ratio: 70%
- Maximum depth: 5 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 4 200 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

BESSHO SARA IKE

540 kWp

Hyogo, Japan
January 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



725 MWh/year
expected



207 Homes/year
electrical equivalence
consumption



369 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic



- Water surface: 1,03 ha
- Island surface: 0,58 ha
- Coverage ratio: 56%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 2 000 modules
- PV pannel : Japan Solar - 270 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



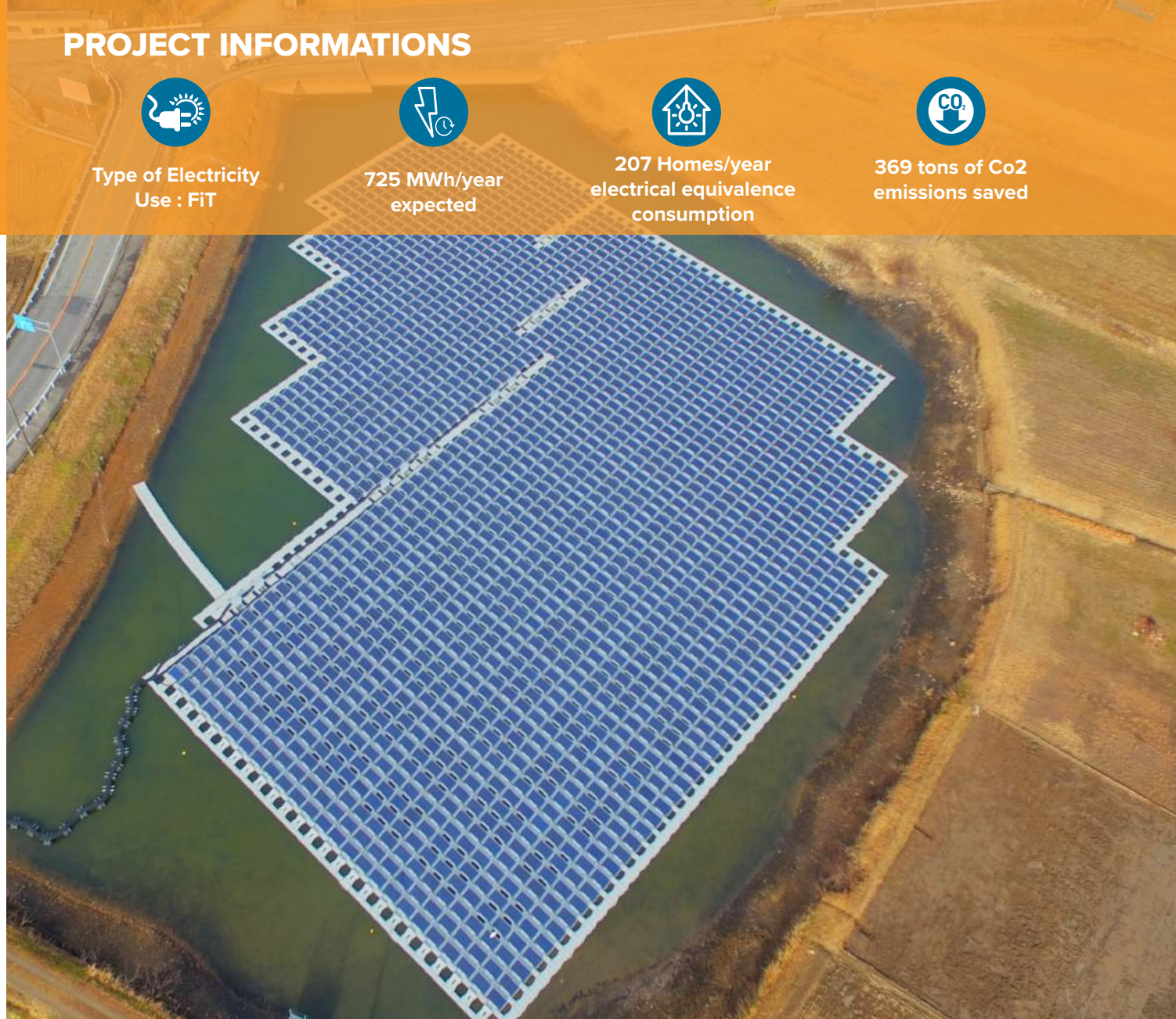
Procurement &
Construction



Asset
Management



Operation &
Maintenance



BESSO IKE

1 426 kWp

Tokushima, Japan
June 2017

PROJECT INFORMATIONS



Type of Electricity
Use : FiT



1 913 MWh/year
expected



546 Homes/year
electrical equivalence
consumption



974 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic

- Water surface: 3,24 ha
- Island surface: 1,45 ha
- Coverage ratio: 45%
- Maximum depth: 12 m
- Level variation: 3 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 5 280 modules
- PV pannel : Kyocera - 270 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

HANAOKA IKE

2 289 kWp

Hyogo, Japan
March 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



3 072 MWh/year
expected



877 Homes/year electrical
equivalence consumption



1 563 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 4,40 ha
- Island surface: 2,09 ha
- Coverage ratio: 48%
- Maximum depth: 10 m
- Level variation: 3 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 6 140 modules
- PV pannel : SUNTECH - 375 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



HIGAINICHOU IKE

1 118 kWp

Nara, Japan
March 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 649 MWh/year
expected



470 Homes/year
electrical equivalence
consumption



839 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic



- Water surface: 1,66 ha
- Island surface: 1,12 ha
- Coverage ratio: 68%
- Maximum depth: 10 m
- Level variation: 3 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 3 300 modules
- PV pannel : SUNTECH - 375 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



HIGAISHIN IKE

497 kWp

Nara, Japan
November 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



671 MWh/year
expected



191 Homes/year electrical
equivalence consumption



342 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 0,70 ha
- Island surface: 0,50 ha
- Coverage ratio: 69%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 1 440 modules
- PV pannel : Longi Solar - 345 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



HIKITA IKE

2 204 kWp

Nara, Japan
April 2021

PROJECT INFORMATION



Type of Electricity
Use : FiT



2 978 MWh/year
expected



850 Homes/year
electrical equivalence
consumption



1 516 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 2,62 ha
- Island surface: 2,03 ha
- Coverage ratio: 67%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- aiR 2-in-a-row
- 72-cell PV modules
- 5 512 modules
- PV pannel : SUNTECH - 400 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

HIKUNI IKE

1 308 kWp

Hyogo, Japan
September 2019

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 755 MWh/year
expected



501 Homes/year electrical
equivalence consumption



894 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic

- Water surface: 2,81 ha
- Island surface: 1,21 ha
- Coverage ratio: 43%
- Maximum depth: 5 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 3 492 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

HIRUTA IKE

578 kWp

Hyogo, Japan
September 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



705 MWh/year
expected



201 Homes/year electrical
equivalence consumption



359 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,15 ha
- Island surface: 0,60 ha
- Coverage ratio: 43%
- Maximum depth: 10 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 1 400 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

ICHIBAN IKE & NIBAN IKE

1 972 kWp

Hiroshima, Japan
January 2021

PROJECT INFORMATION



Type of Electricity
Use : FiT



2 665 MWh/year
expected



761 Homes/year electrical
equivalence consumption



1 356 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic



- Water surface: 2,93 ha
- Island surface: 1,32 ha
- Coverage ratio: 57%
- Maximum depth: 10 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 4 933 modules
- PV pannel : SUNTECH - 400 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

ICHINOMIYA IKE

2 242 kWp

Kagawa Japan
August 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



3 028 MWh/year
expected



864 Homes/year
electrical equivalence
consumption



1 541 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic

- Water surface: 6,90 ha
- Island surface: 2,21 ha
- Coverage ratio: 32%
- Maximum depth: 5 m
- Level variation: 3 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 6 498 modules
- PV pannel : Jinko - 345 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



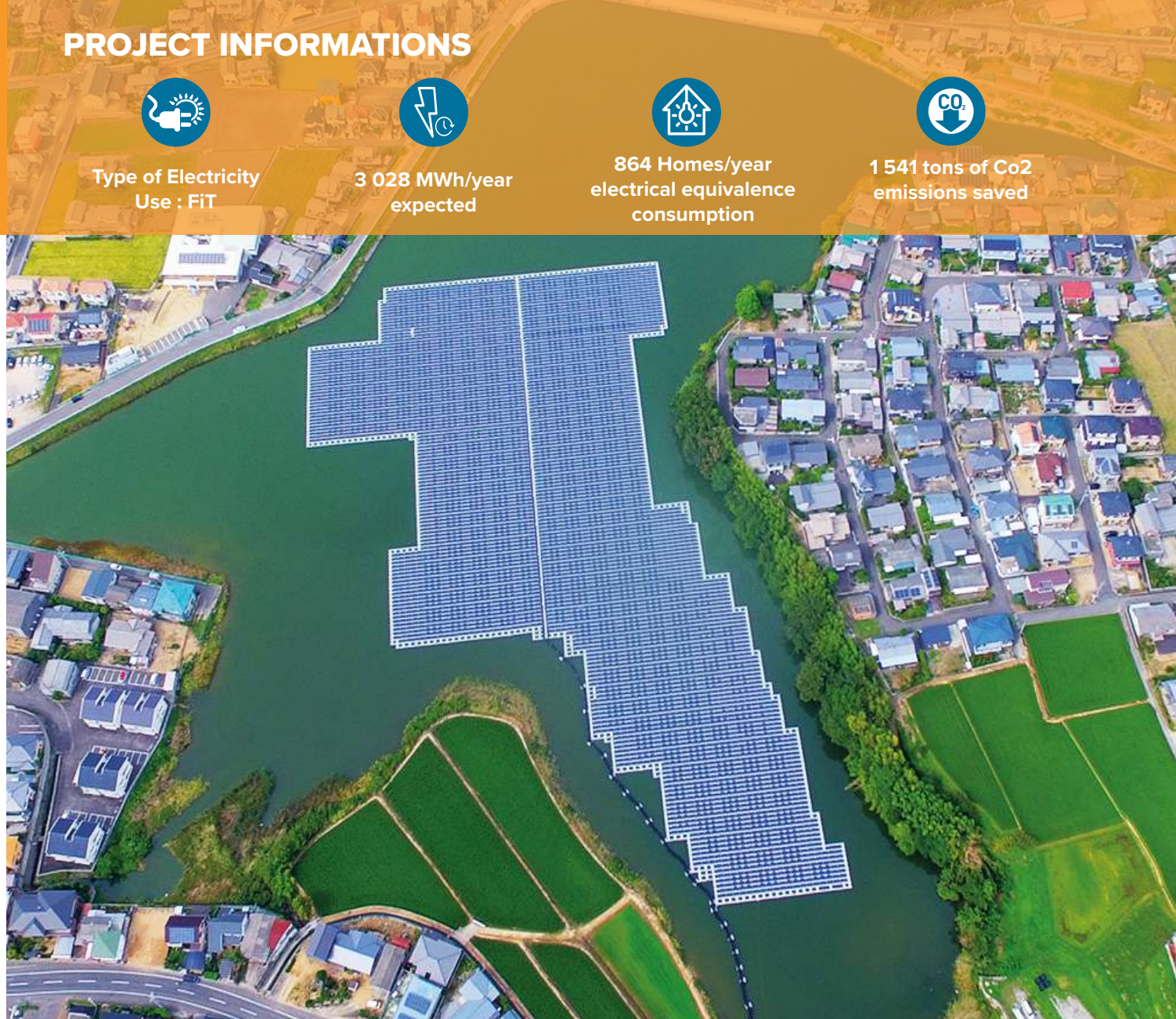
Procurement &
Construction



Asset
Management



Operation &
Maintenance



ISAWA IKE

631 kWp

Tokushima, Japan
October 2016

PROJECT INFORMATION



Type of Electricity
Use : FiT



848 MWh/year
expected



242 Homes/year
electrical equivalence
consumption



432 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic

- Water surface: 1,19 ha
- Island surface: 0,68 ha
- Coverage ratio: 57%
- Maximum depth: 6 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 1 600 modules
- PV pannel : Kyocera - 270 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

ISHITANI IKE

661 kWp

Osaka, Japan
June 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



886 MWh/year
expected



253 Homes/year
electrical equivalence
consumption



451 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,44 ha
- Island surface: 0,71 ha
- Coverage ratio: 49%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 2 400 modules
- PV pannel : Yingli - 275 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

JIALI

1 251 kWp

Tainan, Taiwan
November 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 749 MWh/year
expected



447 Homes/year
electrical equivalence
consumption



890 tons of Co2
emissions saved

PLANT DETAILS



NATURAL POND Typhonic

- Water surface: 1,65 ha
- Island surface: 1,09 ha
- Coverage ratio: 66%
- Maximum depth: 6,00 m
- Level variation: 2,50 m



Bank anchoring system



- aiR 2-in-a-row
- 72-cell PV modules
- 3 294 modules
- PV pannel : Anji - 380 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



First change of destination FPV
power plant in Taiwan.

KANEIBARA IKE

867 kWp

Hiroshima, Japan
October 2019

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 164 MWh/year
expected



332 Homes/year
electrical equivalence
consumption



592 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,26 ha
- Island surface: 0,83 ha
- Coverage ratio: 66%
- Maximum depth: 5 m
- Level variation: 3 m



Banks anchoring



- Classic Single row Comfort
- 72-cell PV modules
- 2 304 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

KAYAMA

2 604 kWp

Saitama, Japan
June 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



3 491 MWh/year
expected



996 Homes/year
electrical equivalence
consumption



1 777 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 4,25 ha
- Island surface: 2,47 ha
- Coverage ratio: 58%
- Maximum depth: 5 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 6 977 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

KIMAGASE IKE

899 kWp

Chiba, Japan
March 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 205 MWh/year
expected



344 Homes/year
electrical equivalence
consumption



613 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,70 ha
- Island surface: 0,82 ha
- Coverage ratio: 48%
- Maximum depth: 5 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 2 394 modules
- PV pannel : SUNTECH - 375 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



KIRE IKE

691 kWp

Tokushima, Japan
January 2017

PROJECT INFORMATION



Type of Electricity
Use : FiT



928 MWh/year
expected



265 Homes/year
electrical equivalence
consumption



472 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,08 ha
- Island surface: 0,53 ha
- Coverage ratio: 49%
- Maximum depth: 5 m
- Level variation: 2 m



Deadweights Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 1500 modules
- PV pannel : Kyocera - 270 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

MAGASE IKE

2 662 kWp

Hyogo, Japan
May 2021

PROJECT INFORMATION



Type of Electricity
Use : FiT



3 596 MWh/year
expected



1 026 Homes/year
electrical equivalence
consumption



1 830 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 4,33 ha
- Island surface: 2,98 ha
- Coverage ratio: 50%
- Maximum depth: 8 m
- Level variation: 3 m



Marine anchors Bottom



- aiR 2-in-a-row
- 72-cell PV modules
- 6 656 modules
- PV pannel : SUNTECH - 400 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

MUSASHICHO FURU IKE

807 kWp

Nara, Japan

December 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 090 MWh/year
expected



311 Homes/year electrical
equivalence consumption



555 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic



- Water surface: 1,26 ha
- Island surface: 0,82 ha
- Coverage ratio: 65%
- Maximum depth: 2 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 2 340 modules
- PV pannel : Longi Solar - 345 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

MUSASHICHO SHIN IKE

503 kWp

Nara, Japan

December 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



679 MWh/year
expected



194 Homes/year electrical
equivalence consumption



346 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic



- Water surface: 0,93 ha
- Island surface: 0,52 ha
- Coverage ratio: 55%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 1 458 modules
- PV pannel : Longi Solar - 345 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



OOTSUDA IKE

973 kWp

Nara, Japan
September 2017

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 179 MWh/year
expected



337 Homes/year
electrical equivalence
consumption



602 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic

- Water surface: 1,84 ha
- Island surface: 1,05 ha
- Coverage ratio: 57%
- Maximum depth: 5 m
- Level variation: 2,5 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 3 744 modules
- PV pannel : REC Solar Japan - 260 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



PIOLENC

17 015 kWp

Vaucluse, France
October 2019

PROJECT INFORMATION



Type of Electricity
Use : Auction



1 320 MWh/year
expected



4 733 Homes/year
electrical equivalence
consumption



1 093 tons of Co2
emissions saved

PLANT DETAILS



QUARRY LAKE



- Water surface: 43.8 ha
- Island surface: 17,00 ha
- Coverage ratio: 39%
- Maximum depth: 12 m
- Level variation: 4 m



Concrete Block



- Air 4 in a row
- 72-cell PV modules
- 47 264 modules
- PV panel : Trinasolar - 360 W



First Project Developed
by Laketricity

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

SAIKO IKE

1 860 kWp

Hyogo, Japan
October 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



2 494 MWh/year
expected



712 Homes/year electrical
equivalence consumption



1 269 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 4,22 ha
- Island surface: 1,99 ha
- Coverage ratio: 41%
- Maximum depth: 10 m
- Level variation: 3 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 4 956 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

SAKASA UWA SHITA

1 250 kWp

Hyogo, Japan
December 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



681 MWh/year
expected



194 Homes/year electrical
equivalence consumption



347 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic



- Water surface: 2,02 ha
- Island surface: 1,23 ha
- Coverage ratio: 61%
- Maximum depth: 4 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 3 546 modules
- PV pannel : AKCOME - 355 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

SAKAYATAME IKE

630 kWp

Mie, Japan
March 2019

PROJECT INFORMATION



Type of Electricity
Use : FiT



850 MWh/year
expected



243 Homes/year
electrical equivalence
consumption



433 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic

- Water surface: 1,48 ha
- Island surface: 0,64 ha
- Coverage ratio: 43%
- Maximum depth: 3 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 1836 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



SANTA LUCIA

53 kWp

California, USA
February 2020

PROJECT INFORMATION



Type of Electricity
Use : Self-consumption



74 MWh/year
expected



21 Homes/year electrical
equivalence consumption



37 tons of Co2
emissions saved

PLANT DETAILS



WATER TREATMENT



- Water surface: 0.9 ha
- Island surface: 0.054 ha
- Coverage ratio: 6%
- Maximum depth: 4.8 m
- Level variation: 4.8 m



Percussive driven earth anchors



- Hydrelia Classic Comfort
- 72-cell PV modules
- 144 modules
- PV panel : Risen - 370 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



SHINNOIKE

1 261 kWp

Osaka, Japan
October 2020

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 699 MWh/year
expected



485 Homes/year
electrical equivalence
consumption



865 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic



- Water surface: 2,86 ha
- Island surface: 1,85 ha
- Coverage ratio: 33%
- Maximum depth: 10 m
- Level variation: 3 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 3 146 modules
- PV pannel : SUNTECH - 400 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

SOBRADINHO

1 005 kWp

Bahias, Brazil
August 2019

PROJECT INFORMATION



Type of Electricity
Use : Hybridization with
Hydro Dam



1 700 MWh/year
expected



405 Homes/year
electrical equivalence
consumption



691 tons of Co2
emissions saved

PLANT DETAILS



HYDROELECTRIC DAM



- Water surface: 421 400ha
- Island surface: 1,08 ha
- Coverage ratio: <0,01%
- Maximum depth: 35 m
- Level variation: 20 m



Concrete Block



- Classic Single row Comfort
- 72-cell PV modules
- 3 792 modules
- PV pannel : Canadian Solar - 265 W

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



First FPV Project in
South America

SUGU #1

4 023 kWp

Tainan, Taiwan
April 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



5 580 MWh/year
expected



1 592 Homes/year
electrical equivalence
consumption



2 840 tons of Co2
emissions saved

PLANT DETAILS



DETENTION POND Typhonic

- Water surface: 8,81 ha
- Island surface: 1,35 ha
- Coverage ratio: 15%
- Maximum depth: 14 m
- Level variation: 5 m



Hybrid anchoring system: on shores +
bottom



- Hydrelia Classic single row
- 72-cell PV modules
- 13 410 modules
- PV panel : RITEK - 300 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



First Type 1 FPV power plant
in Taiwan

SUGU #2

1 132 kWp

Tainan, Taiwan
April 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 641 MWh/year
expected



419 Homes/year electrical
equivalence consumption



835 tons of Co2
emissions saved

PLANT DETAILS



DETENTION POND Typhonic



- Water surface: 3.23 ha
- Island surface: 0,91 ha
- Coverage ratio: 28%
- Maximum depth: 3,6 m
- Level variation: 2,4 m



Bank & Bottom anchoring system



- Hydrelia Classic Dual orientation
- 72-cell PV modules
- 3 840 modules
- PV pannel : AUO - 295 W



Messy pond surface with thriving
plants to avoid

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

TAIXI #2

1 024 kWp

Yunlin, Taiwan
January 2022

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 383 MWh/year
expected



353 Homes/year
electrical equivalence
consumption



704 tons of Co2
emissions saved

PLANT DETAILS



FISH POND
Typhonic



- Water surface: 1,97 ha
- Island surface: 0,69 ha
- Coverage ratio: 38%
- Maximum depth: 2,00 m
- Level variation: 2,00 m



Concrete block



- aiR 2-in-a-row
- 72-cell PV modules
- 2 592 modules
- PV pannel : Ritek - 395 W



**Fisehry PV : need to consider fishery
activities and limited with 40% of
coverage ratio**

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

TANO IKE

2 552 kWp

Mie, Japan
January 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



3 420 MWh/year
expected



976 Homes/year
electrical equivalence
consumption



1 741 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 5,70 ha
- Island surface: 2,50 ha
- Coverage ratio: 44%
- Maximum depth: 5 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 8 942 modules
- PV pannel : Jinko - 285 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

WATASHI IKE

2 170 kWp

Kagawa Japan
June 2018

PROJECT INFORMATION



Type of Electricity
Use : FiT



1 174 MWh/year
expected



335 Homes/year
electrical equivalence
consumption



598 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND Typhonic



- Water surface: 4,10 ha
- Island surface: 2,13 ha
- Coverage ratio: 52%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 6 289 modules
- PV pannel : Jinko - 345 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

WINDSOR

1 785 kWp

Windsor, California, USA
November 2020

PROJECT INFORMATION



Type of Electricity
Use : PPA (serving on site
electrical usage)



2 476 MWh/year
expected



706 Homes/year
electrical equivalence
consumption



1 260 tons of Co2
emissions saved

PLANT DETAILS



WATER RECLAMATION POND



- Water surface: 7.4 ha
- Island surface: 1.6 ha
- Coverage ratio: ~22%
- Maximum depth: ~5m
- Level variation: 4.5m



Percussive driven earth anchors



- Hydrelia Classic Comfort
- 72-cell PV modules
- 4 959 modules
- PV pannel : RISEN Energy - 360 W



First Large FPV project developed
in CA, USA

SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

YOKAWACHO NAGATANI KAMI IKE

619 kWp

Hyogo, Japan
July 2019

PROJECT INFORMATION



Type of Electricity
Use : FiT



833 MWh/year
expected



238 Homes/year
electrical equivalence
consumption



424 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND
Typhonic



- Water surface: 1,41 ha
- Island surface: 0,58 ha
- Coverage ratio: 41%
- Maximum depth: 5 m
- Level variation: 2 m



Marine anchors Bottom



- Classic Single row Comfort
- 72-cell PV modules
- 1 656 modules
- PV pannel : SUNTECH - 375 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance

YUKIMINE KAMI IKE

1 568 kWp

Tokushima, Japan
July 2017

PROJECT INFORMATION



Type of Electricity
Use : FiT



2 104 MWh/year
expected



601 Homes/year electrical
equivalence consumption



1 071 tons of Co2
emissions saved

PLANT DETAILS



IRRIGATION POND

Typhonic

- Water surface: 2,74 ha
- Island surface: 1,61 ha
- Coverage ratio: 59%
- Maximum depth: 5 m
- Level variation: 2 m



Percussive driven earth anchors



- Classic Single row Comfort
- 72-cell PV modules
- 5 808 modules
- PV pannel : Kyocera - 270 W



SCOPE OF RESPONSIBILITY



Project
Development



Project
Engineering



Procurement &
Construction



Asset
Management



Operation &
Maintenance



CONTENTS

JAPAN IRRIGATION PONDS

Aoki Ike	1 574 kWp
Bessho Sara Ike	540 kWp
Besso Ike	1 426 kWp
Hanaoka Ike	2 289 kWp
Higainichou Ike	1 118 kWp
Higaishin Ike	497 kWp
Hikita Ike	2 204 kWp
Hikuni Ike	1 308 kWp
Hiruta Ike	578 kWp
Ichiban Ike & Niban Ike	1 972 kWp
Ichinomiya Ike	2 242 kWp
Isawa Ike	631 kWp
Ishitani Ike	661 kWp
Kaneibara Ike	867 kWp
Kayama	2 604 kWp
Kimagase Ike	899 kWp
Kire Ike	691 kWp
Magase Ike	2 662 kWp

300 TOTAL
MWp ONGOING
PROJECTS

90+ TOTAL
INSTALLED
PROJECTS

80+ TOTAL
MWp INSTALLED
CAPACITY

Musashicho Furu Ike	807 kWp
Musashicho Shin Ike	503 kWp
Ootsuda Ike	973 kWp
Saiko Ike	1 860 kWp
Sakasa Uwa Shita	1 250 kWp
Sakayatame Ike	630 kWp
Shinnoike	1 261 kWp
Tano Ike	2 552 kWp
Watashi Ike	2 170 kWp
Yukimine Kami Ike	1 568 kWp
Yokawacho Nagatani	619 kWp
Kami Ike	

FRANCE

Piolenc - QUARRY LAKE	17 015 kWp
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TAIWAN

Jiali - NATURAL POND	1 251 kWp
Sugu #1 - DETENTION POND	4 023 kWp
Sugu #2 - DETENTION POND	1 132 kWp
Taixi #2 - FISH POND	1 024 kWp

USA

Santa Lucia - WATER TREATMENT	53 kWp
Windsor - WATER RECLAMATION POND	1 785 kWp

BRAZIL

Sobradinho - HYDROELECTRIC DAM	1 005 kWp
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SOLAR POWER ON WATER

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