About us
• Founded in London in 1998
  and now with over 150 employees in 4 continents and offices
  in 9 countries

• Pure-play solar company
  Solar photovoltaics is all we do

• More than 1 GW deployed worldwide
  and a project pipeline of 3 GW

• Leading ethical brand
  We donate 5% of annual net profits to SolarAid and aim to eradicate the kerosene
  lamp. Over 1 million solar lamps sold

• Vast residential experience
  We’ve helped more than 25,000 UK households go solar
A selection of our residential clients
A selection of our corporate clients

ASDA
Sainsbury’s
Bupa
BENTLEY
Kingfisher
Screwfix
SKANSKA
Balfour Beatty
TOYOTA
zenPROP
THE BODY SHOP
GARDEN CITY
Williamson Tea
Network Rail
Good Energy
Belltown Power
Primrose Solar
GE
Bluefield
Magnetar Capital
Solarcentury
Solease
Together with IKEA
World’s largest solar bridge

- 1.1 MWp
- 4,400 panels
- Provides up to 50% of the station’s energy
- Equivalent to 80,000 cups of tea every day
- Reduces CO$_2$ emissions by approx. 500 tonnes per year
ISO 9001 Quality Management:
Solarcentury operates a Quality Management System which complies with the requirements of ISO 9001 for the following activities: sale, design, management of installation of solar panels and the provision of renewable energy solutions, warehousing activities.

ISO 14001 Environmental Management:
Solarcentury operates an Environmental Management System which complies with the requirements of ISO 14001 for the following scope: design and project management of installation of renewable energy solutions.

OHSAS 18001 Occupational Health and Safety Management System:
Solarcentury operates a system which demonstrates sound H&S management and complies with applicable health and safety legislation and regulations.

Microgeneration Certification Scheme (MCS)

Renewable Energy Consumer Code (RECC)
Our home is London
About the products
What will you receive?

- Inverter & Monitoring
- Solar panels
- Mounting
- Generation Meter
- Isolators, etc.
- Optimisers* (at extra cost)
Product selection

100s of panel manufacturers

31 x Tier-1*

6 x SMSL

*Q1-18
Solar panel comparison

<table>
<thead>
<tr>
<th></th>
<th>STANDARD</th>
<th>PREMIUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cell type</td>
<td>Polycrystalline</td>
<td>Monocrystalline</td>
</tr>
<tr>
<td>Module efficiency</td>
<td>16.8%</td>
<td>&gt;18.1%</td>
</tr>
<tr>
<td>Nominal max. power</td>
<td>275 Wp</td>
<td>305 Wp</td>
</tr>
<tr>
<td>Product guarantee</td>
<td>10 years</td>
<td>12 years</td>
</tr>
<tr>
<td>Performance guarantee</td>
<td>Linear</td>
<td>Linear</td>
</tr>
<tr>
<td></td>
<td>&gt;90% 10 yrs</td>
<td>93.1% 10 yrs</td>
</tr>
<tr>
<td></td>
<td>&gt;80% 25 yrs</td>
<td>85% 25 yrs</td>
</tr>
</tbody>
</table>

Together with IKEA
# Inverter comparison

<table>
<thead>
<tr>
<th></th>
<th>X1 'MINI'</th>
<th>X1 'AIR'</th>
<th>X1 'BOOST'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Panel quantity (approx.)</td>
<td>4-9</td>
<td>10-13</td>
<td>14-21*</td>
</tr>
<tr>
<td>Warranty</td>
<td></td>
<td>10 years</td>
<td></td>
</tr>
<tr>
<td>MPPT</td>
<td>Single</td>
<td></td>
<td>Dual</td>
</tr>
<tr>
<td>Communication</td>
<td></td>
<td>WiFi (dongle supplied)</td>
<td></td>
</tr>
<tr>
<td>Cooling type</td>
<td>Natural (no internal fan)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Noise emission</td>
<td>&lt;25 dB</td>
<td>&lt;30 dB</td>
<td>&lt;25 dB</td>
</tr>
<tr>
<td>Protection class</td>
<td>IP65</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Safety</td>
<td>IEC/EN 62109-1/-2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Panel quantity (approx.) 22-36 : 2 inverters*
System Monitoring
System monitoring
Optimisers
(at extra cost)
<table>
<thead>
<tr>
<th>Inclination</th>
<th>Orientation</th>
</tr>
</thead>
<tbody>
<tr>
<td>0°</td>
<td>North</td>
</tr>
<tr>
<td>1°</td>
<td>North West</td>
</tr>
<tr>
<td>2°</td>
<td>West</td>
</tr>
<tr>
<td>3°</td>
<td>South West</td>
</tr>
<tr>
<td>4°</td>
<td>South</td>
</tr>
<tr>
<td>5°</td>
<td>South East</td>
</tr>
<tr>
<td>6°</td>
<td>East</td>
</tr>
<tr>
<td>7°</td>
<td>North East</td>
</tr>
<tr>
<td>8°</td>
<td>North</td>
</tr>
</tbody>
</table>

Survey and Review 3
• Initial **desktop survey** and **EPC check** by Solarcentury design engineers
• All **on-site surveys** (+EPC if required) are carried by Vibrant Energy
• Survey sent to Solarcentury for **review**
• Our checks will:
  – Verify roof measurements for chosen system
  – Measure impact of any shading
  – Look for physical obstructions to installation
  – Check internal roof structure
  – Identify siting of the inverter
  – View electrics and plan any cable runs
• Survey report will include estimated **revenue** and **returns** for the first 20 years
Installation and Handover
Installation and Handover

- **Scaffolding** will be erected in advance of the installation day (will remain 1 day after)
- **Installation team** will arrive in the morning or afternoon of agreed day with all materials required
- **Mounting rails** will be installed first, then the **panels**
- Electrician will then install an **inverter** and connect the system to the house electrics
- System then **commissioned** by the electrician
- We’ll complete the commissioning **paperwork** and send all required **documents** to you to complete the **FIT** application

**Accessing SolarcenturyOnline**

SolarcenturyOnline is your port of call should you have any queries regarding your system. It also contains all the key information about the design and set up of your solar system and is a store for all your documents so you’ll never need to remember where they are:

https://online.solarcentury.com