Japanese Independent Power Producer (IPP) that develops, constructs, owns, sells and operates utility-scale power generation plants.

www.gigaspg.com
Japanese quality and perfection

Solar Power Plants perform as expected during whole lifetime

More than 40 MW PV Systems installed in Japan
PV Academy
• Trained more than 3500 Engineers

More than 15 Years Experience in Solar Field

Japanese Quality & Perfection

Central Inverter Experts

This is how gigaSPG leads towards Green Future
About gigaSPG

gigaSPG, stands for giga Solar Power Generator and refers to the next generation of Solar Power Plants with the size beyond the Mega Solar scale. The target of gigaSPG is to develop and construct the first gigawatt (GW) scale Solar Power Generators within 5 years. The levelized cost of electricity (LCOE) of these gigawatt scale generators is targeted to be less than coal powered electricity generation.

Joint venture

Started In Tokyo on, 29 January 2016 – Today gigaSPG KK, a Japanese Solar Plant IPP, was established and incorporated at the company registration office in Tokyo, Japan. The company is a joint venture between Eco Life Engineering KK and NEXPV KK. Since 2013 NEXPV KK and Eco Life Engineering KK have been working closely together. The two companies have developed, constructed and sold several solar power plants to Japanese investors. This successful partnership resulted in the establishment of this joint venture today.
### Project experience of Japanese EPC Eco Life Engineering

<table>
<thead>
<tr>
<th>Project name</th>
<th>Kyōtango</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Kyoto Pref. Kyōtango city</td>
</tr>
<tr>
<td>PV Plant size</td>
<td>4019 KWp</td>
</tr>
</tbody>
</table>
Eco Life Engineering Japan KK (www.ecolife-eng.com)

Eco Life Engineering Japan KK is a private pure play Japanese PV EPC with 80 full time employees and 15 years’ experience in residential and commercial systems. Since 5 years the company has been active in the Mega Solar Utility Scale EPC and O&M business. The last years more than 40 MW of PV plants have been constructed and extensive experience has been gained with the installation and operation of PV Plants with all major Japanese and Foreign Central Inverter Brands. More than half of the customers are foreign developers and investors due to the company’s ability to communicate in English and its willingness to sign foreign style EPC contracts. Eco Life Engineering is one of the leading Operating and maintenance (O&M) service providers in Japan with more than 80 MWp of projects under contract with Japanese and foreign customers.

The company has several branches in Japan and an extensive network of engineers all across Japan, resulting in a fast response time in case of urgent system repair needs. During the last few years Eco Life trained more than 3,500 engineers at their PV Academy. Here they transfer know how on how to establish a PV Installation quality insurance system to several big solar module makers who want to start the residential system business in Japan. Since several years the company has been focusing on the development of the O&M business both for small and very large scale Mega Solar Plants, as O&M provider and O&M sub-contractor.
# Project experience of Japanese EPC Eco Life Engineering

<table>
<thead>
<tr>
<th>Project name</th>
<th>Oita Usa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Oita Pref. Usa City</td>
</tr>
<tr>
<td>PV Plant size</td>
<td>3260 KWp</td>
</tr>
</tbody>
</table>

![Solar Power Plant Image](image-url)
NEXPV KK (www.nexpv.com)

NEXPV KK established in Japan in 1999. At that time the company was named Global Bookings Connection Japan KK (GBCJ KK). It was the exclusive Japanese partner of the Dutch company Booking.com, now by far the largest worldwide on-line hotel reservation company. After having successfully developed the Booking.com business in Japan for many years, the company changed course. In 2011 it was renamed NEXPV KK and became active in the field of solar plant development and investment and solar plant engineering and consultancy. The company has a strong focus on the research and development of the next generation of Low Cost Large Scale PV Power Generators.
### Project experience of Japanese EPC Eco Life Engineering

<table>
<thead>
<tr>
<th>Project name</th>
<th>Mushono Mega Solar Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Shiga Pref. Koka city</td>
</tr>
<tr>
<td>PV Plant size</td>
<td>2313 KWp</td>
</tr>
</tbody>
</table>
Hiroto Kuranami
Managing Director

Hiroto Kuranami started his professional career in ECO Life Engineering KK. This Japanese EPC company was established by his father in 1970. After Hiroto Kuranami joined the company he initiated the PV department in the year 2001. As one of the PV pioneers in Japan, he started the PV Academy. At this academy more than 3,500 Japanese engineers received the Module Manufacturer Certified Construction ID training. In the year 2010, before the start of the FIT, he constructed one of the first Ground Mount PV systems in Japan, a 0.3 MWp system in Kawasaki. Eager to learn, at the start of the FIT in 2012, he traveled to Germany to research the cost efficient European style construction methods of PV Plants and initiated some partnerships with European Installers and O&M companies.
## Project experience of Japanese EPC Eco Life Engineering

<table>
<thead>
<tr>
<th>Project name</th>
<th>Hita Mega Solar Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Oita Pref. Hita city</td>
</tr>
<tr>
<td>PV Plant size</td>
<td>2020 KWp</td>
</tr>
</tbody>
</table>
Eduard Talman

Representative Director

Eduard holds a Master’s Degree in Industrial Engineering and Management from the University of Twente, the most entrepreneurial University of the Netherlands. He worked at several positions as industrial engineer within the Research & Development departments of Philips Display Components and Philips Semiconductors (now NXP). Together with several business partners, he incorporated the Japanese company Global Bookings Connection Japan KK (GBCJ KK) in 1999.

GBCJ KK was the exclusive Japanese partner of the Dutch online hotel reservation company Booking.com. In 2002 he moved to Japan to become the Representative Director of GBCJ KK. After having successfully developed the Booking.com business in Japan for many years, Eduard changed course and since 2011 he has been the sole owner of GBCJ KK. He changed the name of the company into NEXPV KK with the goal to start his business in the field of solar plant development and investment and solar plant engineering and consultancy.

NEXPV KK has a strong focus on the research and development of very Large Scale Solar Plants. Since 2013 Eduard has been working closely with Hiroto Kuranami, the CEO of Eco Life Engineering. This successful partnership resulted in the establishment of the Joint Venture gigaSPG KK. After the incorporation of the JV gigaSPG in 2016, Eduard has been fulfilling the role of Managing Director. Besides being responsible for a healthy pipeline of Japanese projects, he is very active in developing the business outside Japan.
Eco Life Engineering (EPC) constructed more than 20 MW in Japan

- Usa city: 3260KW
  Oita Pref.

- Kyotango city: 4019KW
  Kyoto Pref.

- Myojin: 997KW
  Tochigi Pref.

- Hita city: 2020KW
  Oita Pref.

- Saito city: 2207KW
  Miyazaki Pref.

- Koka city: 396KW
  Shiga Pref.

- Kuma: 1782KW
  Kumamoto Pref.

- Koka city: 2313KW
  Shiga Pref.

- Sammu: 317KW (2012 first project)
  Chiba Pref.

- Inashiki: 1001KW
  Ibaraki Pref.

- Minamisuru: 1004KW
  Yamanashi Pref.
Partners

QOS Energy (www.qosenergy.com)

QOS Energy is a software vendor specialised in energy information systems. QOS Energy develops Qantum®, a web based energy management platform dedicated to renewable energy, smart buildings and smart grids projects. Qantum® enables professionals to optimise the operational performance for more than 3,500 sites worldwide, including 1.5 GW of renewable capacity.

Mind4Energy (www.mind4energy.com)

Mind4Energy supplies PLC based data loggers and designs complete solar plant SCADA & monitoring systems, including selection of cable type (ftp, optic fiber, etc.), interfaces, loggers en communication cards.

Wave Energy KK (www.wavee.co.jp)

Wave Energy KK is the supplier of the SOLARSPEC Mega Solar Power System. This compact power system is a complete set of DC input panel, Inverter, transformer and switchgear.
# Project experience of Japanese EPC Eco Life Engineering

<table>
<thead>
<tr>
<th>Project name</th>
<th>Kumamoto Mega Solar Park</th>
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</thead>
<tbody>
<tr>
<td>Location</td>
<td>Kumamoto Pref. Kuma city</td>
</tr>
<tr>
<td>PV Plant size</td>
<td>1785 KWp</td>
</tr>
</tbody>
</table>

![Solar Park Image](image_url)
Organizational Infrastructure

Customer

Executive Team
Finance & Admin
Supply chain
Sales & Marketing
Operations
## Project experience of Japanese EPC Eco Life Engineering

<table>
<thead>
<tr>
<th>Project name</th>
<th>Fuji Mega Solar Park</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Yamanashi Pref. Minamitsuru</td>
</tr>
<tr>
<td>PV Plant size</td>
<td>1004 KWp</td>
</tr>
</tbody>
</table>
gigaSPG Pakistan (Private) Limited (www.gigasp.com)

gigaSPG Pakistan (Private) Limited is the 100% daughter company of the Japanese company gigaSPG K.K. Since January 2nd 2017 gigaSPG Pakistan (Private) Limited has been incorporated and will commence business in Pakistan on the field of Solar Power Plant development, construction and operation. After completion of registration in Pakistan, the Company has started its work here in Pakistan with full zest and zeal.

Participation in Solar Exhibition of Pakistan

Eduard Talman, The Representative Director gigaSPG, has twice participated in Solar Exhibition of Pakistan (2016 and 2017).

Eduard Talman along with Bilal Bin Ishtiaque, The country manager gigaSPG Pakistan, in solar exhibition
Our Strengths:

- EPC Company
- Central Inverter Experience
- Quality O&M
- Global network & Local Services
Central Inverter Experience

- Eco Life has installed almost all major Japanese and foreign Brands that are available in Japan

TMEIC
Minamitsuru 1004 KW

Fuji Electric
Kuma 1782 KW

Hitachi
Hita 2020 KW

ABB
Koka 2313 KW

Schneider Electric
Usa 3260 KW

AEG
Myojin 997 KW
PV Plant O&M
We are always there to serve your best interests with a minimum response time...

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