

News for immediate release

**Completion of the construction of Hirono Photovoltaic Power Plant (in Iwate Prefecture)
with an output of 25 MW, the highest of all juwi Shizen Energy projects**

31st May 2016, Tokyo - In May 2016, juwi Shizen Energy Inc. (headquarters: Hongo, Bunkyo Ward, Tokyo, Japan; Representative Directors: Masaya Hasegawa and Raghuram Natarajan; hereinafter referred to as “juwi Shizen Energy”) completed construction on the Hirono Photovoltaic Power Plant in the Hirono Town, Kunohe County, Iwate Prefecture. This construction had been consigned by the X-Elio Group, which is headquartered in Spain. On May 26, a ceremony was held to celebrate its completion by X-Elio Japan K.K. (headquarters: Ginza, Chuo Ward, Tokyo, Japan; Representative Director: Katsumi Yasuoka; hereinafter referred to as “X-Elio Japan”). The power plant commenced commercial operation on May 23, 2016.

The power plant was built using a site measuring about 410,000 m² at the former Iwate Hirono Golf Course, which is located in Hirono Town, Kunohe County, Iwate Prefecture. Its annual generated energy output is projected to reach about 20,800 megawatt-hours (20.8 million kilowatt-hours). This is equivalent to the annual amount of power use in about 5,800 ordinary homes. The power it generates will be sold to Tohoku Electric Power Co., Inc. under the provisions of the Feed-in Tariff (FIT) Scheme for purchase of renewable energy.

In this large-scale project, X-Elio Japan carried out the development, and juwi Shizen Energy was in charge of engineering, procurement, and construction (EPC). GASJA1 LLC (headquarters: Ginza, Chuo Ward, Tokyo; Masakazu Hongo, Duties Executor), a wholly-owned subsidiary of the X-Elio Group, is engaged in the operation of facilities and other tasks. With a panel output of about 25 megawatts (rated output of about 20 megawatts), the project is the largest one in which juwi Shizen Energy handled EPC. It was consigned to juwi Shizen Energy owing to the high ratings of its global knowledge and construction work in Japan. This large-scale project for a power plant with an output exceeding 20 megawatts gave the company additional experience and confidence. The construction method featured installation of a platform using two different types of piles to match the ground foundation on the expansive lot. In addition, effective use was made of the existing drainage facilities on the site of the former golf course. In this way, the engineering and construction reflected concern for avoiding an adverse impact on the surrounding area even after the plant was placed into operation. This was the sixth project to be completed by juwi Shizen Energy in the Tohoku region, and its first in Iwate Prefecture. Furthermore, juwi Shizen Operation Inc. (headquarters: Hongo, Bunkyo Ward, Tokyo, Japan; Representative Directors: Kumiko Isono and Raghuram Natarajan) is in charge of operations and maintenance of this power plant.

It might be added that juwi Shizen Energy supported cultural exchange event that was held by X-Elio Japan on May 26, the same day as the aforementioned ceremony. The musical event was titled “The Hot Winds in Spain – New Flamenco Stars: the Tokunaga Brothers and Friends.” It was staged as a part of the activities under an agreement concluded with Hirono Town by X-Elio, which is headquartered in Spain, for the purpose of promoting local development. juwi Shizen Energy is supporting these activities in keeping with its vision of a power plant whose operation is solidly rooted in the local area.

juwi Shizen Energy was founded in 2013 as a joint venture of Shizen Energy Inc. (headquarters: Arato, Chuo Ward, Fukuoka City, Fukuoka Prefecture; Managing Directors: Ken Isono, Kenji Kawado, and Masaya Hasegawa; hereinafter referred to as “Shizen Energy”), which develops renewable energy-based power plants and procures related funding, and juwi AG, a globally active renewable energy development and EPC firm headquartered in Germany. Besides involvement in projects developed by Shizen Energy, it receives consignments for construction projects in EPC units. It is committed to continued provision of EPC solutions adapted to the circumstances and needs in the area of power plant sites both inside and outside Japan, by drawing on the knowledge and experience it has accumulated around the world. By so doing, it hopes to contribute to the diffusion of renewable energy and construction of sustainable societies.

[Project outline]

Name of power plant	Hirono Solar Power Plant
Location	Hirono Town, Kunohe County, Iwate Prefecture
Project owner	GASJA1 LLC * A limited liability company established as a wholly-owned subsidiary of the X-Elio Group for ownership of power plants
Development	X-Elio Japan K.K.
EPC	juwi Shizen Energy Inc.
O&M	Juwi Shizen Energy Operation Inc.
Power plant area	Approximately 410,000 m ²
Generated energy output	Approximately 25MW(DC), 20 MW(AC)
Estimated annual generated energy output	20.8 million kWh/year (equivalent to the annual amount of power consumed by 5,800 ordinary homes)
Start of construction	March 10, 2015
Start of operation	May 23, 2016

[Photo of the Hirono Photovoltaic Power Plant]



[Photo of the ceremony to celebrate completion of the Hirono Photovoltaic Power Plant]



[Photo of the musical event]



[About X-Elio Japan K.K.]

Established on August 22, 2012. Formerly named Gestamp Asetym Solar Japan K.K.

- Headquarters: 8F, 77 Ginza Building, Ginza 4-14-11, Chuo Ward, Tokyo, Japan
- Representative Director: Katsumi Yasuoka
- Business: development of photovoltaic power generation projects

[About GASJA1 LLC]

Established on August 22, 2012. A limited liability company that is a wholly-owned subsidiary of the X-Elio Group and was established for ownership of power plants.

- Headquarters: 8F, 77 Ginza Building, Ginza 4-14-11, Chuo Ward, Tokyo, Japan
- Duties Executor: Masakazu Hongo
- Business: wholesale supply of power from photovoltaic generation facilities as an independent power producer (IPP)

[About juwi Shizen Energy Inc.]

Founded in 2013 as a joint venture of Shizen Energy Inc. which develops renewable energy-based power plants and procures related funding, and juwi AG, a globally active renewable energy development and EPC firm headquartered in Germany. Completed 40 projects in total as of end May 2016 around Japan.

- Head office: Hongo Fuji Bldg. 2F/3F, 4-9-22 Hongo, Bunkyo Ward, Tokyo
- Managing directors: Masaya Hasegawa and Raghuram Natarajan
- Phone: +81-3-3868-0344
- URL : <http://www.shizenenergy.net/en/company/overview/juwi-shizen-energy.html>
- Business: Engineering, procurement and construction of solar, wind and the other renewable energy power plants.

[About juwi Shizen Energy Operation Inc.]

Founded in 2013 as a joint venture of Shizen Energy Inc. which develops renewable energy-based power plants and procures related funding, and juwi AG, a globally active renewable energy development and EPC firm headquartered in Germany. Supplies O&M services for over 90 megawatts of solar power plants as of end May 2016 around Japan.

- Head office: Hongo Fuji Bldg. 2F/3F, 4-9-22 Hongo, Bunkyo Ward, Tokyo
- Managing directors: Kumiko Isono and Raghuram Natarajan
- Phone: +81-3-3868-0344
- URL : <http://www.shizenenergy.net/en/company/overview/juwi-shizen-energy-op.html>
- Business: Operation and maintenance of solar, wind and the other renewable energy power plants.

[About Shizen Energy Inc.]

Established in 2011. Shizen Energy's involvement in the solar power generation business has amounted to 700 megawatts (as of the end of 2015) as a Group. Shizen Energy develops renewable energy-based power plants and procures related funding as well as operates as IPP. Also launched wind and small hydroelectric power generation business since 2015.

- Head office: Fukuoka Ohori Bldg. 3F/ 6F, 1-1-6 Arato, Chuo-ku, Fukuoka City, Fukuoka
- Managing directors: Ken Isono, Kenji Kawado, Masaya Hasegawa
- Phone: +81-92-753-9834
- URL: <http://www.shizenenergy.net/en/>
- Business: Development and fundraising for solar, wind, small hydroelectric and the other renewable energy power plants. Holding and operating owned solar power plants

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