

**LOCAL ENERGY FOR LOCAL
CONSUMPTION**

**CHANGE NEARBY ENERGIES INTO
ELECTRICITY AT THE SITE TO
OPERATE DEVICES**

**JAPAN
VENTURE
AWARDS**



2016



**EY Entrepreneur
Of The Year™**



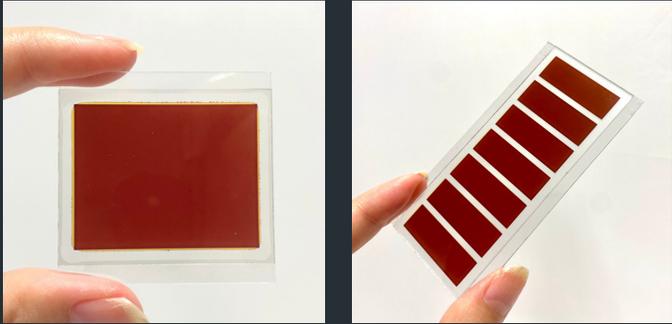
**POWERING THE IoT
REVOLUTION!**

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inQs Co., Ltd.

WITH THE LARGEST GENERATION POWER IN WORLD IN LOW-LUMINANCE ENVIRONMENTS

-SQ-DSSC-



Power generation from extremely low illumination

Stable and efficient power generation by just 5 lux

Resistant to sudden changes in illumination

Sudden voltage drop does not occur. When the voltage drops slowly and it becomes brighter, it instantly generates power.

No incident angle dependence

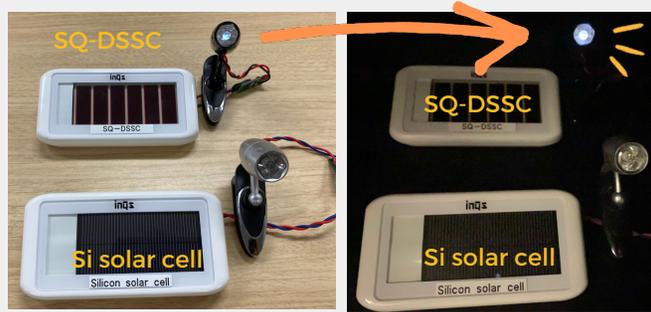
It generates electricity using light from various angles as well as normal incident light, reflected light, etc

- Utilizing unused and wasted energies.
- Wireless installation.
- No change of batteries thus no maintenance.



WHERE THERE ARE PEOPLE, THERE IS LIGHT.

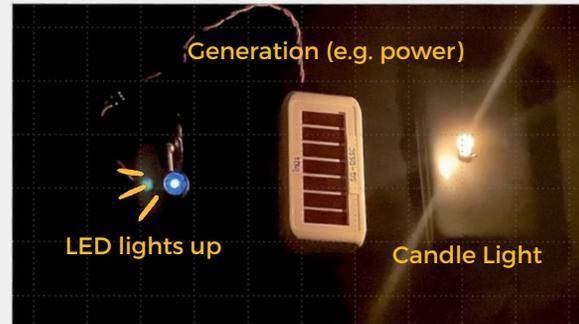
Unutilized familiar light is an easy-to-use energy source in energy harvesting.



Highly efficient power generation in low-light environments

LED illumination in light-off environments
Generating power from just 5 lux

Even a candlelight can generate electricity



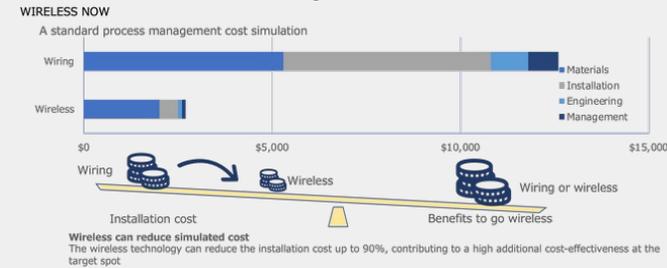
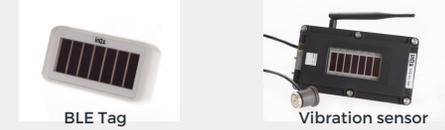
SQ-DSSC CAN BECOME AN INTERNATIONAL STANDARD FOR SUPPLYING POWER FOR IOT

Power generation from light sources generated in the living environment.

LED, fluorescent light, and reflected light, etc. Stable and efficient power generation by just 5 lux - 3,000 lux

Just 5cm regular quadrilateral size for communication and sensors operation.

Utilization as stand-alone power supply. As the stand-alone power supply for 1 trillion IoT devices.



When compared with traditional wiring, the wireless technology can reduce up to 90% of the installation costs. Wireless installation can be done within 2 hours in contrast to the typical long period of 2 days for traditional wiring.

< Total output value for each illuminance >
※Example of standard specifications 1cm²

