QUASAR
Quantum Solar Array Renaissance

# Cities of Tomorrow and Their Energy Supply

## Self-Powered Smart Infrastructure

## Gear Up A New Industrial Revolution

...we know what we are, but know not what we may be.

Hamlet: Act 4 Scene 5

William Shakespeare

# Challenges for Us

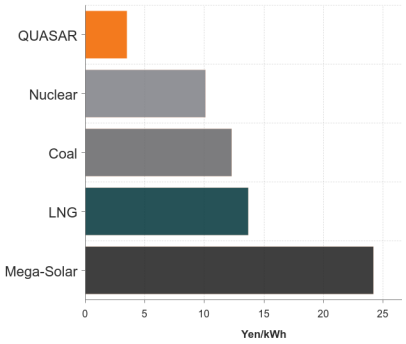
## More Energy, Less Carbon

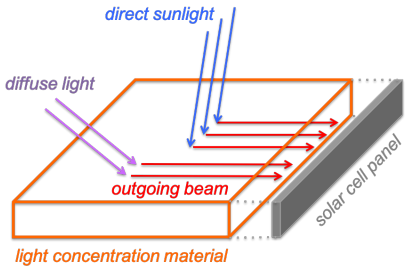
Our society is growing like never before. Growth demands an increasing supply of energy, but at the time reducing carbon emission is a necerrary, no longer an option. Smart cities is our prospect to improve quality of life, but local comfort may come at the cost of accelerating global warming. We only have limited time to address that challenge.

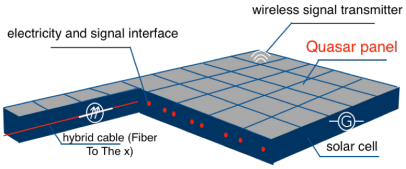
## Affordable Smart City

A true solution shall be economically afforable and ecologically friendly. A smart city needs a set of smart infrastructure built at first, butall current options are highly expensive. It might be possible to burn a lot of money to build one smart city, but a scalable and attractive smart city plan would indeed call for a more economical way. We provide a breakthrough technology which enables all exterior surfaces of buidlings to generate electricity using ambient photons.

# Features




## Economical

A solution is not scalable until it is truly inexpensive. Quantum optics enables our incredibly low cost of *3.5 Yen/kWh*, cost less money than any known electricity generation method.

## Realiable

Market solar cells do not provide effective output during cloudy and rainy days. Our light concentration technology can direct and modulate photons, and the outgoing beam is always much stronger than the ambiemt light, achieving all-weather predictable output.

## Intelligent

Our panel is inherently multi-functional. It “photovoltaicify” all exterior surfaces of buildings. Customizable sensors and signal-senders are embedding in the panel and powered by stable output from the panel itself. Any buidling can become a smart phone now.

## Internet of Everything

From self-powered smart infrastructure to industry-level applications, and innovations based on them, we provide an integrated way to digitalize your daily life. Energy, which precedes the collection and computation of information, is now becoming distributedly available. As photons are everywhere, energy supply would be unprecendentedly accessible and inexpensive. That omnipresence would enable us to connect everyuthing. And edge Computing or cloud computing at your choice, no worry about the privacy.

### Network

*Panels of a buidling are inherently connected with each other, acts like a neural nerwork.*

### Sensors

*Customizable sensors providing with the information required. Make your building smart .*

### Robots

*Embedded signal senders to direct robots according to data collected.*

# Harbinger of A Brand New Era

## The future is now

As a pioneer and the unique leader in wave vector reconstruction technology, Quasar has revolutionized energy generation by enabling strong light glowing solely by modulating photons – so stable electricity output from solar power during heavily overcast days.

Synthesizing with the construction of smart cities, we will advance potential energy supply to a new level, with much less carbon emission. And this is the future we are going to create together.

- The most inexpensive electricity generation method in the world.
- Stable output, respond to industry-level electricity consumption plan.
- Truly ecological. Zero carbon emission during operations.
- Imagination unlimited. Exterior surfaces for all artificial structure.

## Our Mission

Change the primary way of energy generation from fossil and nuclear energy to renewable resources in a schedulable and environment-friendly way.

Integrate the process of energy generation within smart infrastructures and lifestyles in everyone's social environment.

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