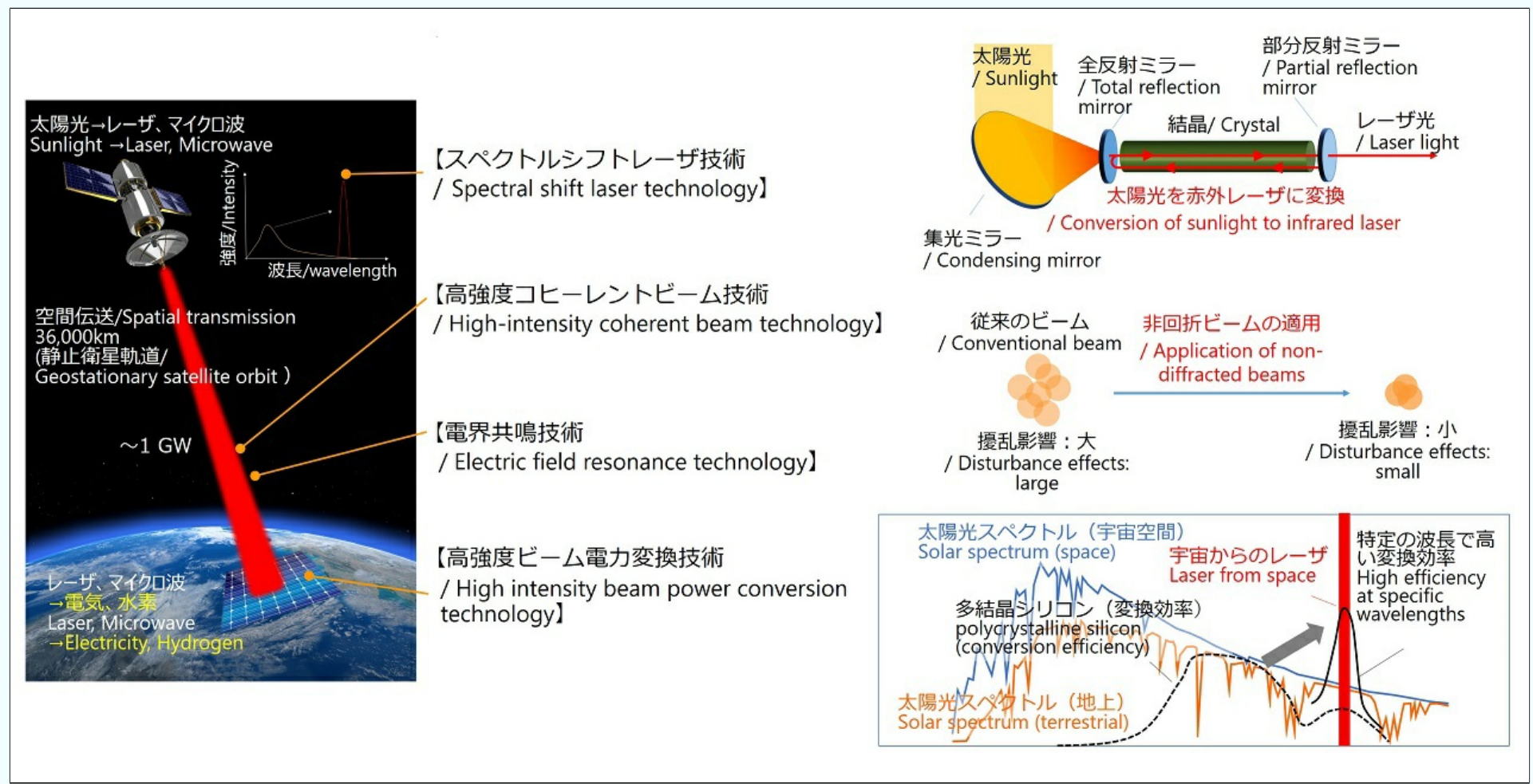




Solar energy can be stably utilized 24 hours a day, 365 days a year

Abstract

This technology generates solar power on a geostationary satellite orbit 36000 km above the ground, transmits the energy to the ground using lasers and microwaves, or converts it back to electric power and other energy on the ground.



Features

- Direct laser excitation by irradiating the crystal with sunlight
- Application of non-diffracted beams to mitigate the effects of atmospheric disturbance

Application Scenarios

- It will be able to use solar energy stably regardless of the weather on the ground.

Roadmaps

- We plan to put this technology into practical use as an emergency power supply technology and as a means of realizing long-term operation by supplying power to drones and other equipment.

Collaboration Partners

- University of Miyazaki,
The Graduate School for the Creation of New Photonics Industries (GPI)

Exhibitors

NIPPON TELEGRAPH AND TELEPHONE CORPORATION

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