

TOSHIBA

Leading Innovation >>>

The expansion of R&D Activities with Relationship France and Japan

Showcase: Lyon Smart Community Project

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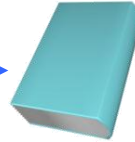
東芝グループは、持続可能な
地球の未来に貢献します。

Redevelopment & Smart Community Project in Lyon

As part of the redevelopment spearheaded by Grand Lyon, French and Japanese technologies will be deployed to make the Lyon Confluence a smart and sustainable model district.
 (Urban development schedule: Phase 1: 2005~2015, Phase 2: 2016~2025)



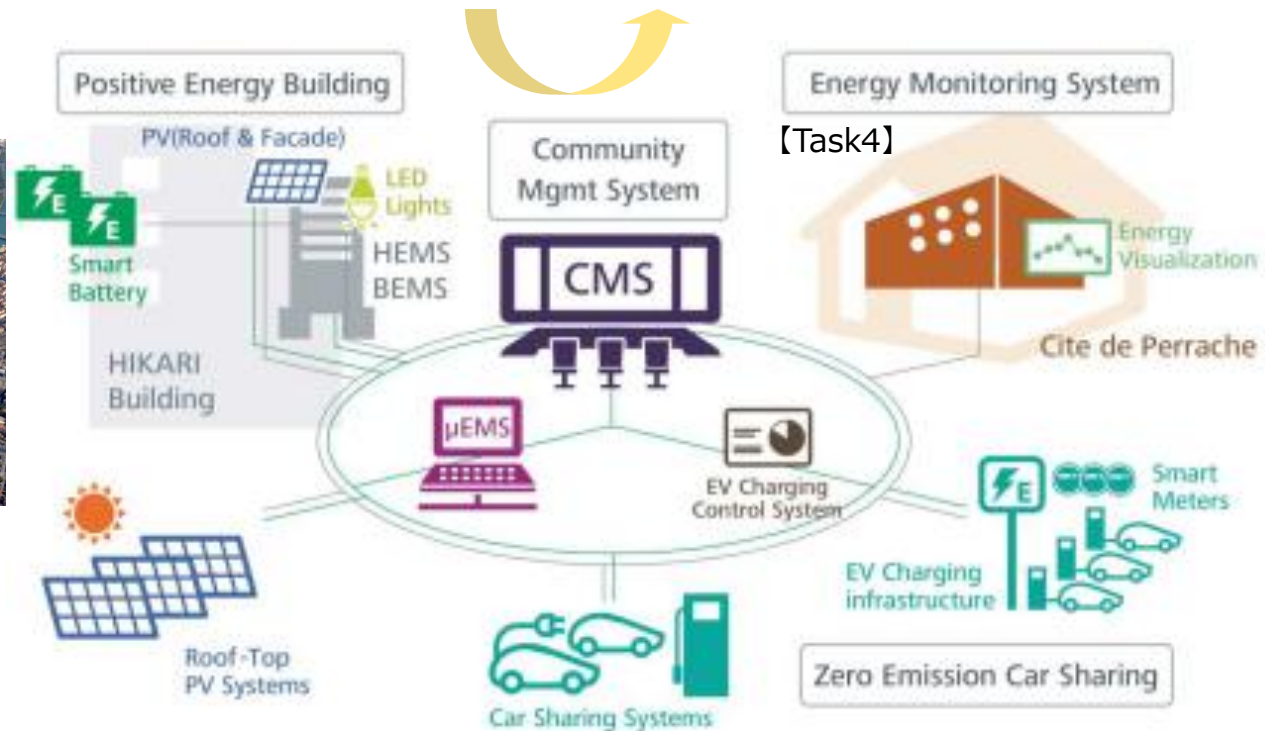
Action Plan
for Redevelopment



- ✓ Zero Carbon
- ✓ ZERO Garbage
- ✓ Sustainable Mobility
- ✓ Use of Local Material
- ✓ Use of Local Food
- ✓ Sustainable Water
- ✓ Maintain of Biodiversity
- ✓ Local Culture & Heritage
- ✓ Local Economic Growth
- ✓ Quality of Life



Redevelopment District
(about 150ha)



Abstract of Lyon Smart Community

Achieve the "20-20-20", environmental policy of EU 5 years in advance through the use of innovative Japanese technologies and to demonstrate 「Promoting Export of Infrastructure」 「Promote International standardization」、 「Provide results as feedback to Japan」



<Task4>

Provide an effective and efficient City Planning tool to Grand Lyon that can visualize primarily how energy resources are produced and consumed.

<Task3>

Conso Tab.

HIKARI
BUREAUX • LOGEMENTS • COMMERCE



<Task1>

A new building will be built in P-Plot called HIKARI (Natural light). A Positive energy building highlighting generation, storage, energy saving and management technologies.

SUNMCOOV'



<Task2>

Use Solar Renewable energy to power a fleet of Electric vehicles deployed under a car-sharing scheme in order to reduce the traffic congestion and minimize parking space problems.



Visualization of energy usage (gas, electricity, water) in an existing social-housing apartment complex to encourage energy savings from residents.

Project Organization

NEDO is the financial sponsor and Toshiba is the overall project manager of a consortium of more than 30 French and Japanese companies.

