



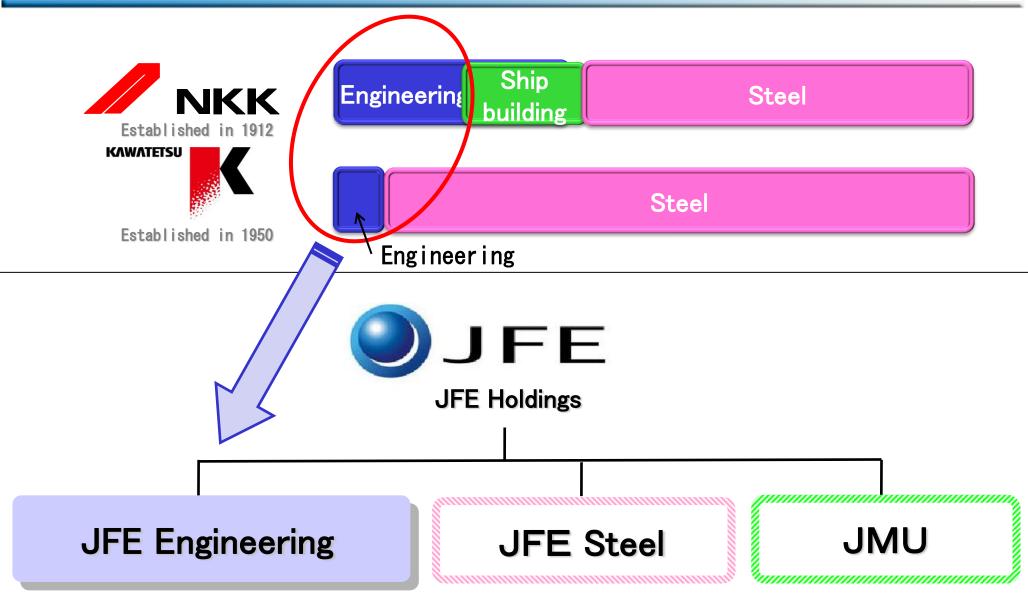
2013.1.31

JFE Engineering Corporation

JFE's fields of business

JFE Group





Established in 2003

JFE's Fields of Business





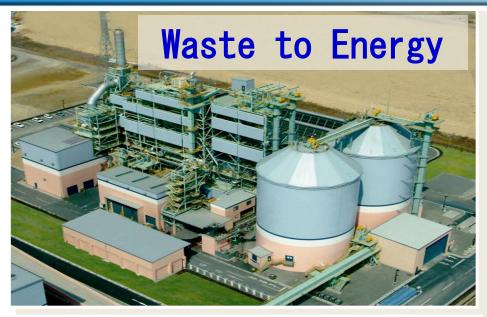
Energy

(Environment

Steel Structure Industrial machinery

Main Products









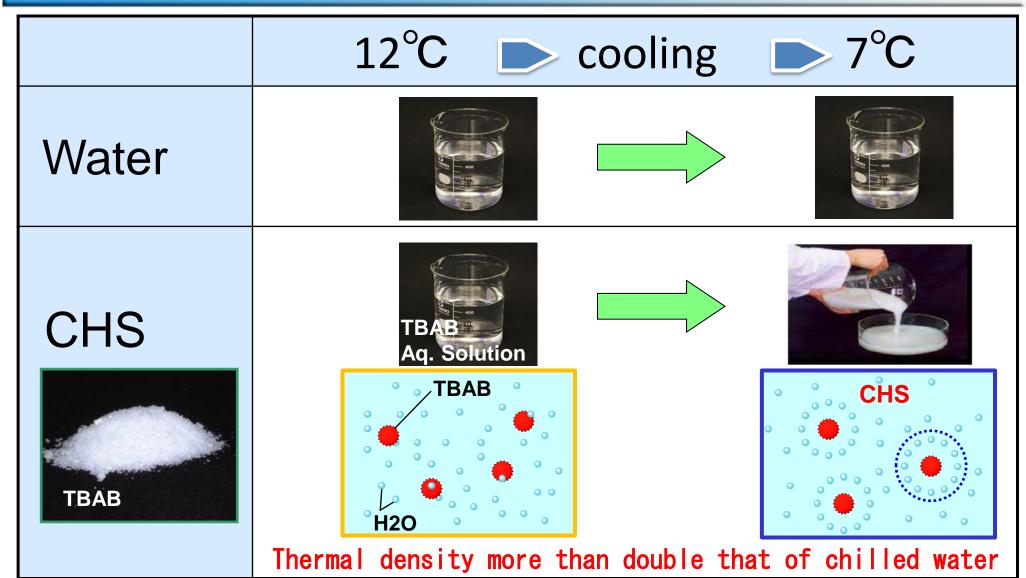


Contribution to Environmental City

- Renewable Energy / Energy Saving
 - CHS Air Conditioning System
 - Geothermal Air Conditioning System
 - Rapid Charger for Electric Vehicle
- Recycling
 - Resource Recycling
 - ♦ Kawasaki ECO Town

CHS* Air Conditioning System



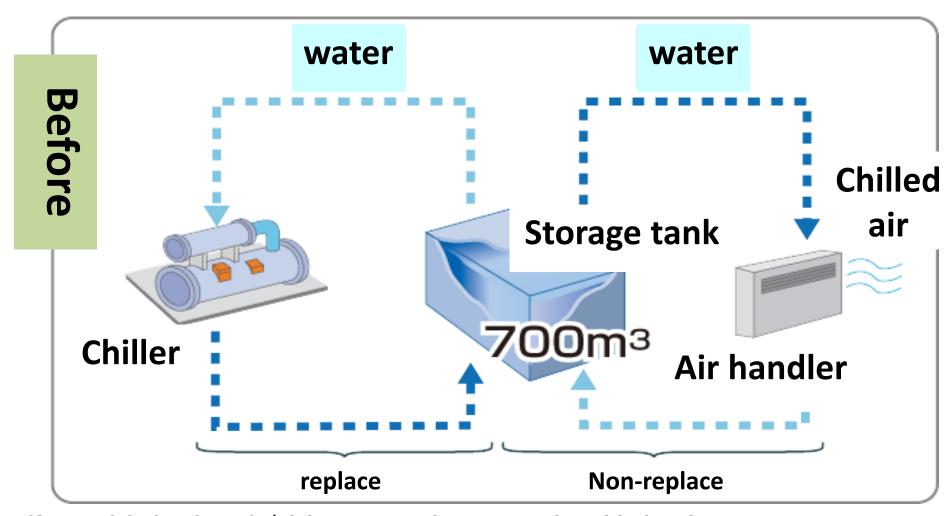


*CHS: Clathrate Hydrate Slurry

Installation of CHS Air-conditioning System 🔀



~Kawasaki Azalea* Underground Mall~

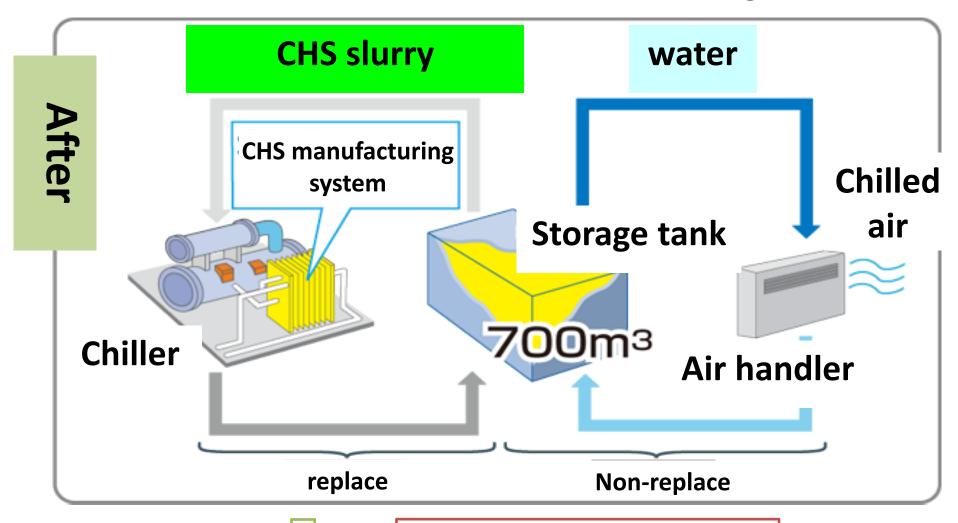


*Kawasaki Azalea:3rd biggest under ground mall in Japan (shops: 150, area: 57, 000m2)

Installation of CHS Air-conditioning System



~Kawasaki Azalea Underground Mall~

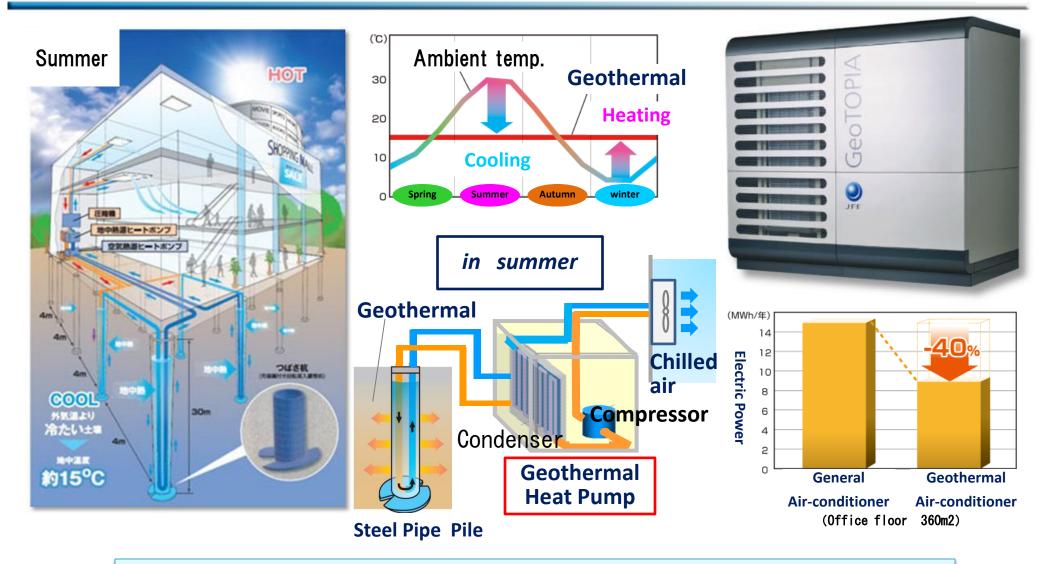


Electric power saving: 40% down

CO2 reduction: 1,300 ton/year

Geothermal Air Conditioning System



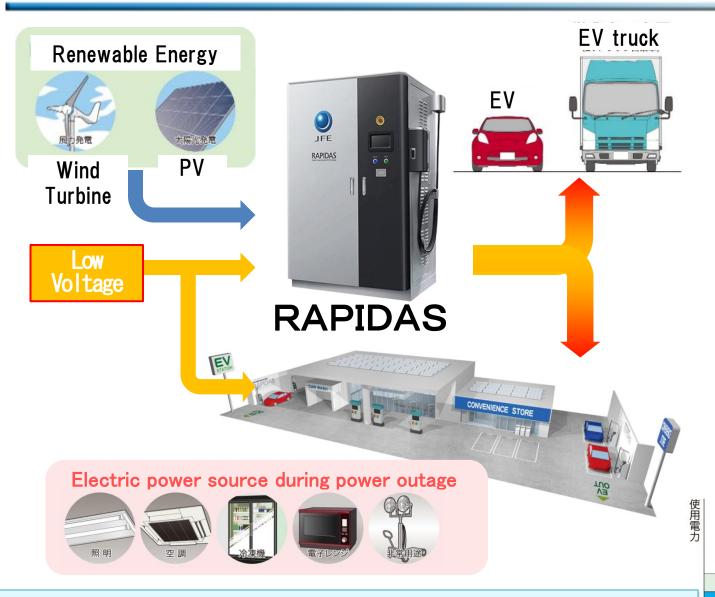


[Installation] Minamigawara Children's Cultural Center(Kawasaki) Sugao Children's Cultural Center(Kawasaki)

total 14sites

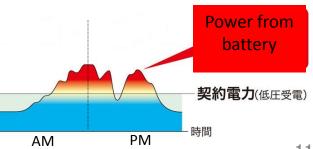
Rapid Charger for Electric Vehicle





Built in Storage Battery

- Usage of electric power at night
- Peak shaving
- Can be used as an electric power source during power outage



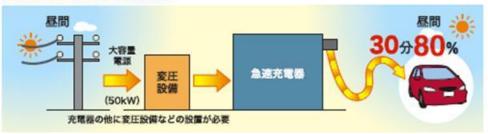
Demonstration at Convenience Store in Kawasaki is in action

Super-Rapid Charger for Electric Vehicle

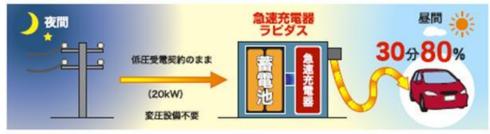




他社の急速充電



当社の急速充電 RAPIDAS



SUPER RAPIDAS

Built in large capacity battery

- 3 minutes for 50%, 8 minutes for 80% charging
- Usage of electric power at night
- Peak shaving

未来へのチャレンジ SUPER RAPIDAS

JFEは、将来に備えて3分50%のSUPER RAPIDASを開発しています。

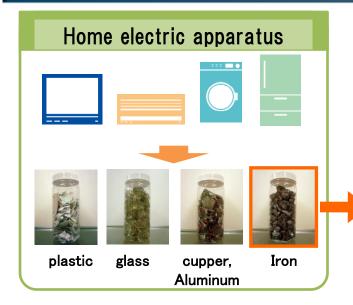


Contribution to Environmental City

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Resource Recycling of JFE

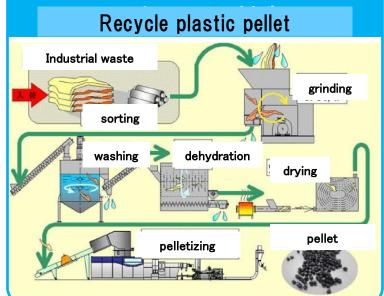




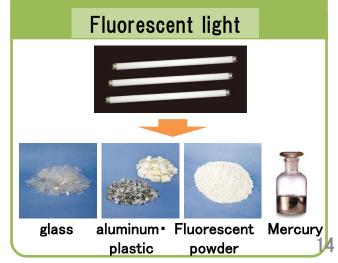


for steel making



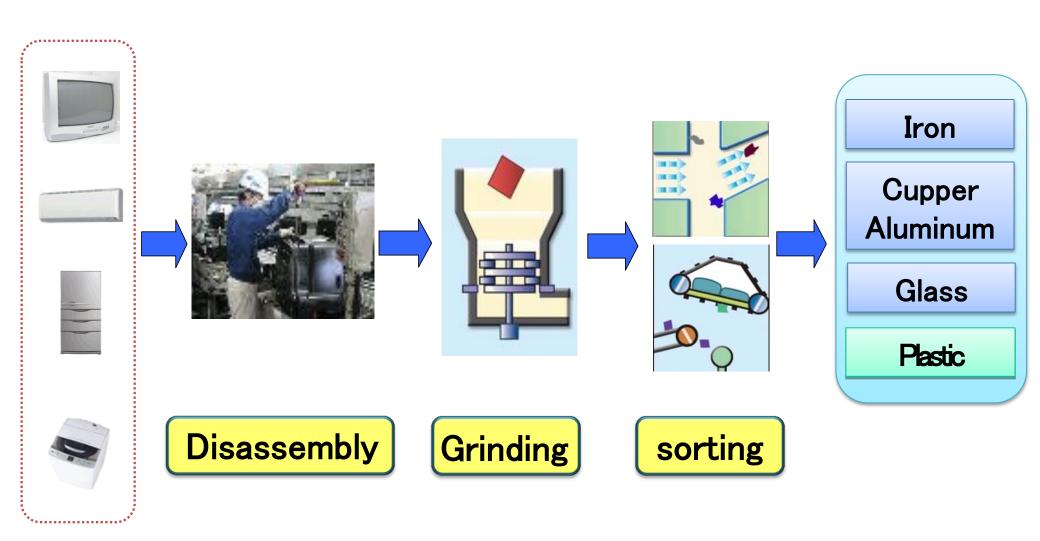






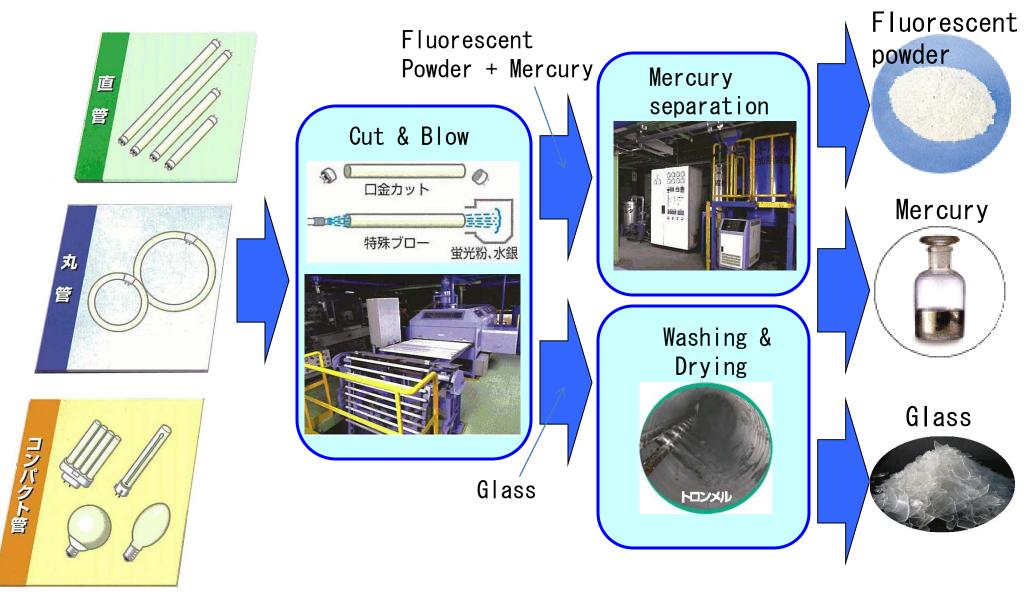
Recycling of home electric apparatus





Recycling of fluorescent light





Kawasaki ECO Town

Cement ecycle

(D.C.)





PET bottle recycle

Pet Refine Technology)

Kawasaki ECO Town

1. Area: 2, 800ha

2. Working person: 30,000

3. Works: 70

4. Recycle plant: 15

JFE Recycle Zone (in JFE steel works)



- Electric Power from steel works
- Usage of recycle water from sewage plant

At last

Sky Park (Singapore)





~Contribution to Environmental City~



