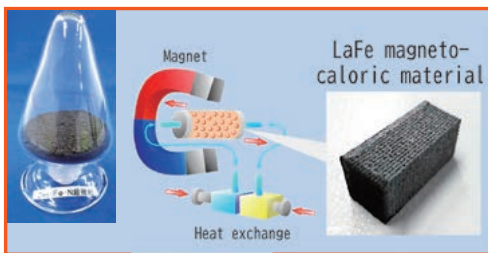


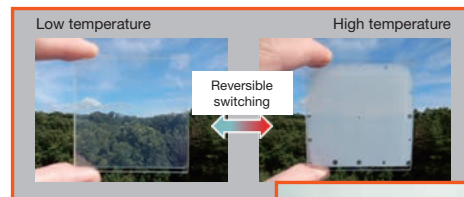
# Approach

## Developing innovative functional materials in order to realize energy saving and safe society

- Advanced stimulus response materials
- Highly efficient robust energy materials
- Advanced surface and nanoporous materials
- Development of innovative magnetic materials



Next-generation magnet & New Magnetic Functional Materials



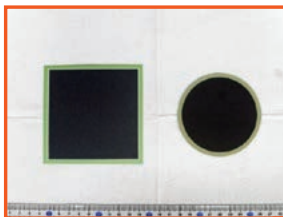
Chromogenic materials & Coatings (Thermochromic, Water and oil repellency)



Gas sensors



Nitrogen recycling & Catalytic conversion device (NO emission)



Fuel cells/Electrochemical Reactor (High efficiency)



All-solid-state battery (High capacity, Fast charge/Discharge)

### Innovative functional materials for mobility

Fuel cells, Li-ion batteries, Gas sensors, Magnetic materials, Chromogenic films, Nanoporous materials, Water and oil repelling coatings

**Energy saving and Safe society = Innovative materials**