Magnesium • Soleil • Project

We aim to build a recycling society using Mg (magnesium) as energy!

【The Purpose】

The biggest challenge the Earth faces in the 21st century is to create and consume sustainable energy. As a method, it is possible to more effectively use magnesium, alloy, melting of structural materials and building materials, development of batteries using waste materials, recycling using natural energy and surplus energy effectively.

Promote magnesium energy education activities including magnesium air batteries as next generation energy and realize construction as a fair theme that can be treated as a fair theme not only in Japan but also anywhere in the world. We will contribute to maintenance and preservation of the global environment for SDGs.

Mg reduction
- Microwave Pigeon method
- Thermal reduction method
- Solar furnace
- Renewable energy
  Such

Mg air battery (Power storage)

Seawater

Mg (cl)2

Mg(OH)2

Mg bullion

Board (expanded material)

Remelting

Al alloy etc.

Al singularity

Structural material

Deploy structural material (alloy) waste materials to battery materials

Actively use

〔For inquiries〕
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