

# **DOWA Techno-Fund:**

DOWA Holdings provides funding and other support for joint R&D. By injecting new expertise, DOWA Holdings will assist to energize and boost ongoing our and your R&D to new steps.

# Environmental Management & Recycling

- · CO<sub>2</sub> capture, utilization, storage technologies
- · Recycling of waste materials
- Hazardous materials detoxification

### Nonferrous Metals

- · Energy saving recovery of precious metals
- · Production of alternative fuels
- · Separation and solidification technologies of repellent elements (Br, Cl, F, As, Se, Hg, etc.)

#### Electronics Materials

- · Oxide-based allsolid-state lithium battery materials
- Manufacturing technology of magnetic particles for biosensing
- · Semiconductor deposition tech. (UV/IR-LED or PD)

## Metal Processing

- Microstructure control technology (Cu and Al alloys)
- Metalceramics/metal bonding technology
- Composition, microstructure and shape control of plating

#### Heat treatment

- High speed deposition technology for DLC
- Composition, structure, and shape control technologies for DLC films
- · NH<sub>3</sub>-H<sub>2</sub> burner control technology