Three prioritized business fields in which the NOF Group aims to capitalize on the changes in the times

Making the shift to electric vehicles a business opportunity

The shift from gasoline-powered vehicles to EVs will significantly change the components of vehicles. In addition to anti-corrosive coatings for bolts and nuts, new demand is expected for resin additives to prevent abnormal noise and anti-fog agents agents for LED headlamps. In addition, lubricants used in offshore wind power generation, ship screws, and other areas are more biodegradable than mineral oil, which reduces environmental impact. We will leverage business integration and Group synergies to expand the applications of products that contribute to the environment.

Social Issues

Newly-developed Produ

Existing Products

People's health and QOL

We offer new materials needed for medicine and medical care. We also contribute to the improvement of quality of life (QOL) through additives that prolong the efficacy of eye drops, formulas for cosmetics to keep up with trends, supplements that meet health needs, and research on improving the texture and flavor of meat alternatives, which have been the focus of much attention recently. We will promote the development of new technologies and products through the utilization of synergies from business integration and collaboration with universities and research institutions.

Advances in communication technology and miniaturization

Improvements in electronic technology are leading to increased speed and larger capacity in telecommunications, the miniaturization of electronic components, and lower-dielectric materials. Accordingly, it is expected that there will be increased demand for highly photosensitive materials, additives for electronic components, and curing agents for low-dielectric materials. We will leverage synergies from business integration and promote development of new materials that link design and evaluation technologies.

Electronics/IT

field

Environment/Energy field



Environment/Energy field

Functional hard-coating agents

Base material for refrigerating oils

Eco-friendly antifreezing agents

High-function

anti-corrosion coatings

Functional elastomers

Steam pressure

fracturing agents

Waterborne

anti-corrosion coatings

Ocean development

devices

Biodegradable lubricants

High-functional

anti-fog agents

Chemicals for water

treatment membranes

Functional additives

Life/Healthcare



Life/Healthcare field

Gene therapy materials

Lipids for nucleic

acid drugs

Health food

Materials for

Vaccine materials

regenerative medicine

Modifiers for protein drugs Modifiers for peptide drugs Modifiers for antibody drugs Anti-aging materials Hydrogel materials for medical use **Eye-drop materials** Additives for diagnostic Mild surfactants pharmaceutical agents Contact lens materials Cosmetics materials Oral care materials Functional food materials

Electronics/IT field

Binders for metal microparticles

Printed electronics materials

Additives for conductive pastes

Capacitor materials

Functional coating materials:

initiators

High-function anti-fog agents

Resist materials sealing materials Photopolymerization

Toner additives

Color filter coating agents

Mix design technology / Analysis and evaluation technology

Eyecare products

Energy control technology / Advanced refining technology / Precision organic synthesis technology and precision polymer synthesis technology

Propellants and gun powder Industrial explosives Processed edible oils Fatty acid derivatives/Surfactants EO/PO derivatives* (Meth) acrylic acid derivatives Organic peroxides Blocked carboxylic acid

Core technology (material design technology)

Energy chemistry

Oleochemistry

Organic synthetic chemistry

Materiality | Prioritized Business Fields