

R&B Strategies

Bringing people and technology together to venture into uncharted fields
R&B at Kaneka, the Dreamology Company

To help build sustainability in society, we have defined our business domains in terms of three crises: "Environment and Energy," "Food," and "Wellness." Our Research & Business is guided by the belief that it is only when research extends to social implementation (business) that it becomes true research.

We have the courage to go outside the box (our own fields), to take in cutting-edge technologies, and to combine these with our own proprietary technologies. That is how we drive Creative Innovation.

Actions to embody the concept of Kaneka as
"Trial & Error experiment driven company"

Promoting innovation through three "I"s

- Identifying promising technologies through three "I"s
- Impactful
 - Innovative
 - Implementable

A group of individuals who believe in serendipity and set the stage for happenstance with "Scientific Mindset"

From R&D to R&B

- Global research network
- Solution Provider
- Social implementation

Clustering domains

Born small and grow big

Macromolecular technology

Self-developed Technologies

Fermentation technology

Open Innovation

Self-developed Technologies with Introduced Technologies

Drug-coated balloon technology

Cell separation and culturing technology

Microbial biopharmaceutical production technology

Precision polymerization technology

Biorganic synthesis technology

Biotechnology

Adsorption separation technology

Resin foaming technology

Functional film processing technology

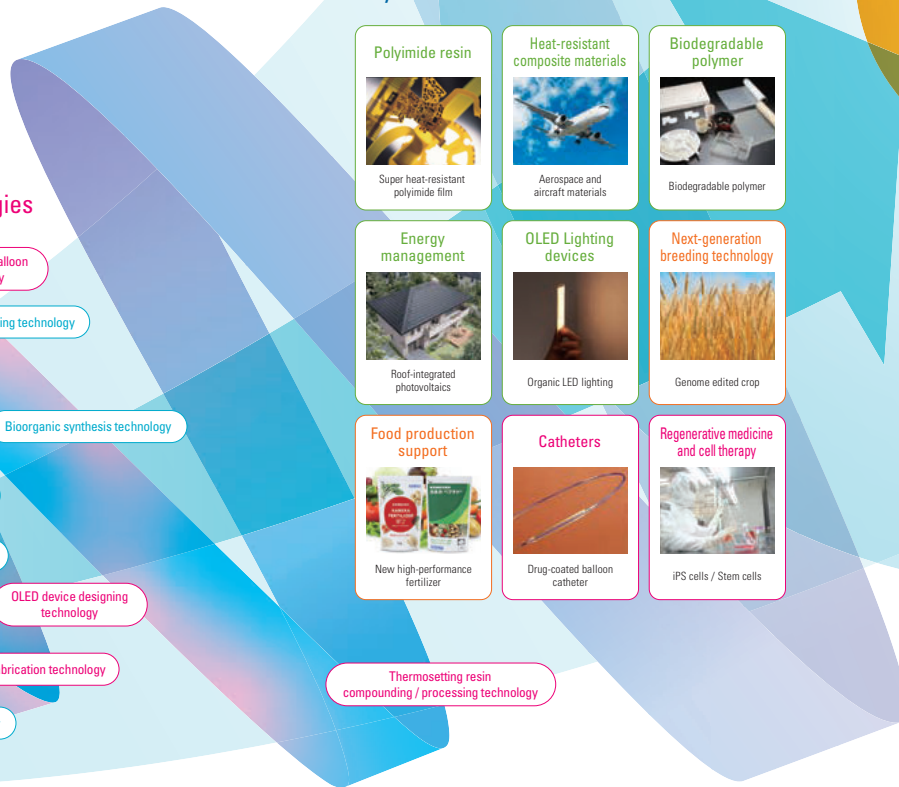
Powder granulation technology

Resin modification / blending technology

Spinning technology

Metal microfabrication technology

Thin-film formation technology



Key Technologies and Key Drivers for the Future

Polyimide resin



Super heat-resistant polyimide film

Heat-resistant composite materials



Aerospace and aircraft materials

Biodegradable polymer



Biodegradable polymer

Energy management



Roof-integrated photovoltaics

OLED Lighting devices



Organic LED lighting

Next-generation breeding technology



Genome edited crop

Food production support



New high-performance fertilizer

Catheters



Drug-coated balloon catheter

Regenerative medicine and cell therapy



iPS cells / Stem cells

Thermosetting resin compounding / processing technology

Environment / Energy

Three Crises
Resolution of Social Issues
Social Implementation of
New Materials and Systems

Food

Wellness