

New Materials for Green Innovations

How a Materials Provider Views the Challenges of Environmental Issues

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Contents

- Company overview of Toray
- Responsibility as Materials Provider
- Examples of technology innovations in Green technologies
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Company overview of Toray:

Long history chemistry based company

Global company

Seriously technology oriented

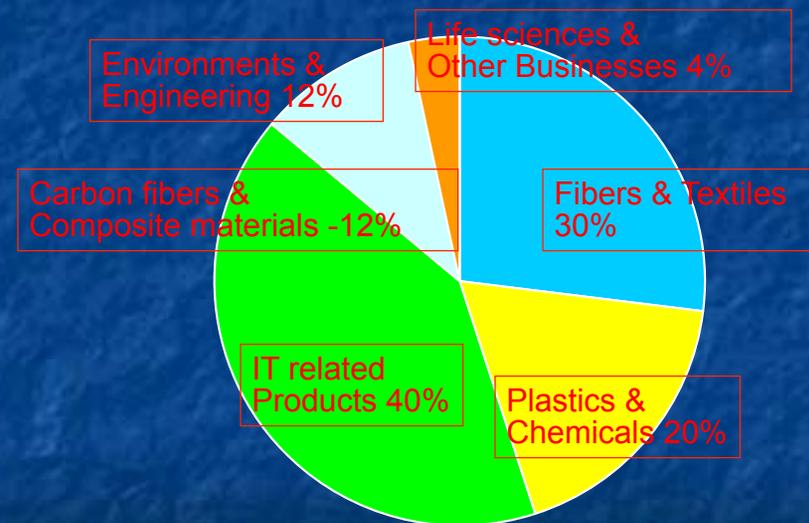
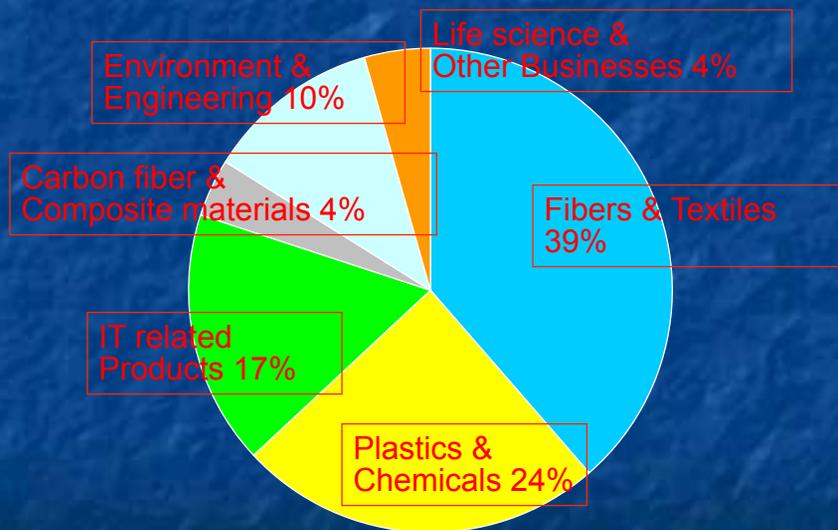
Toray's business structure

Established: 1926, Apr. 16

Consolidated basis: 21 countries & regions, about 40,000 employees

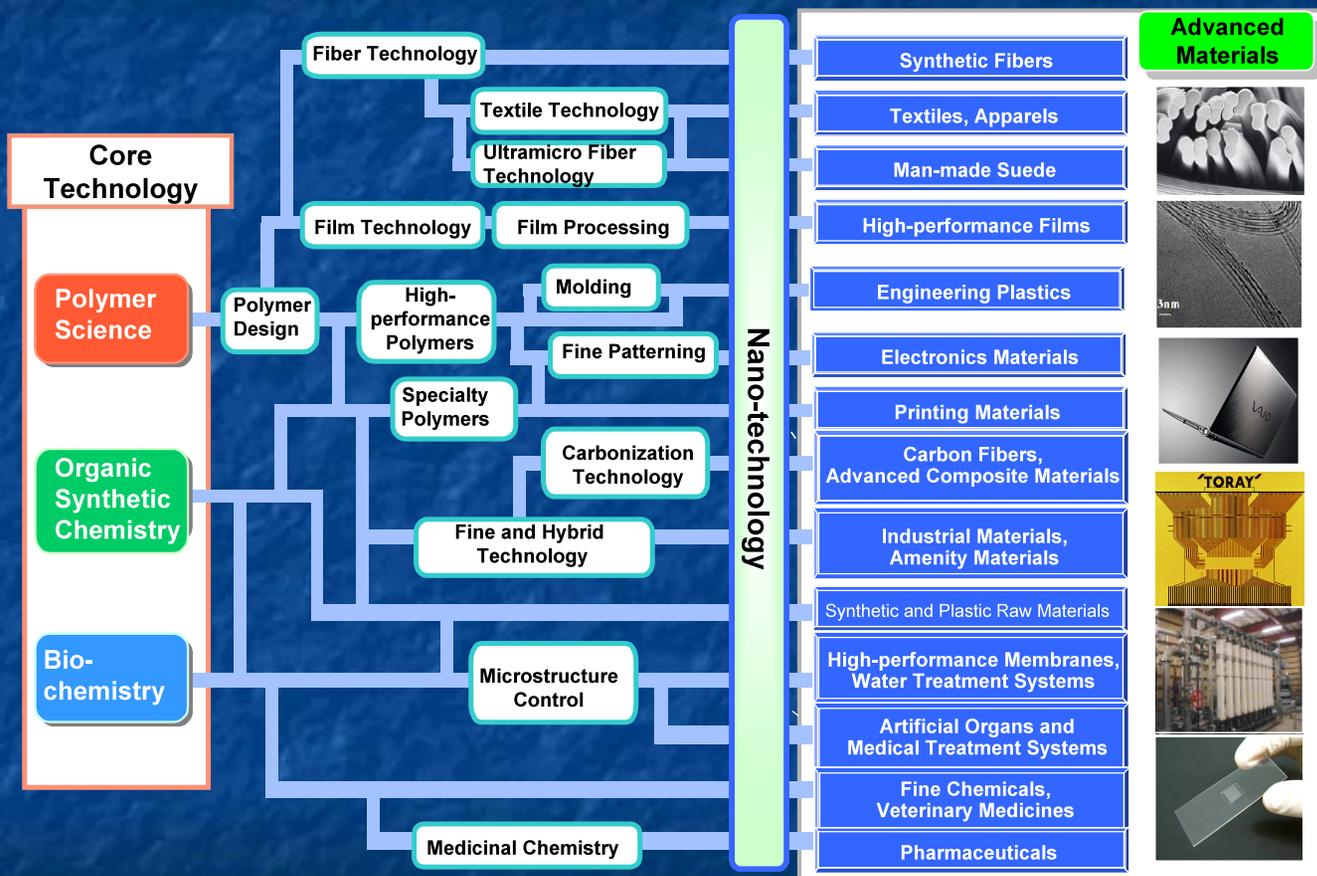
Consolidated Net Sales :
1,360 billion yen (2010, Mar.)

Group operating income :
40.1 billion yen (2010, Mar.)



Toray is a global advanced materials company.

Toray's Technologies & Major Products



Toray's products are based on Four core technologies.

Responsibility as materials provider:

Science made people happy,
And tech. based company should overcome
the legacy, even if difficult to resolve...

Chemistry: Big contribution to the world

Wallace Carothers



(chem.rochester.edu)

- Invention of Nylon
“Stronger than steel”

Changed the world,

1. Clothing
2. Industrial equipments
3. Culture
4. Life style

Mass Production/Consumption

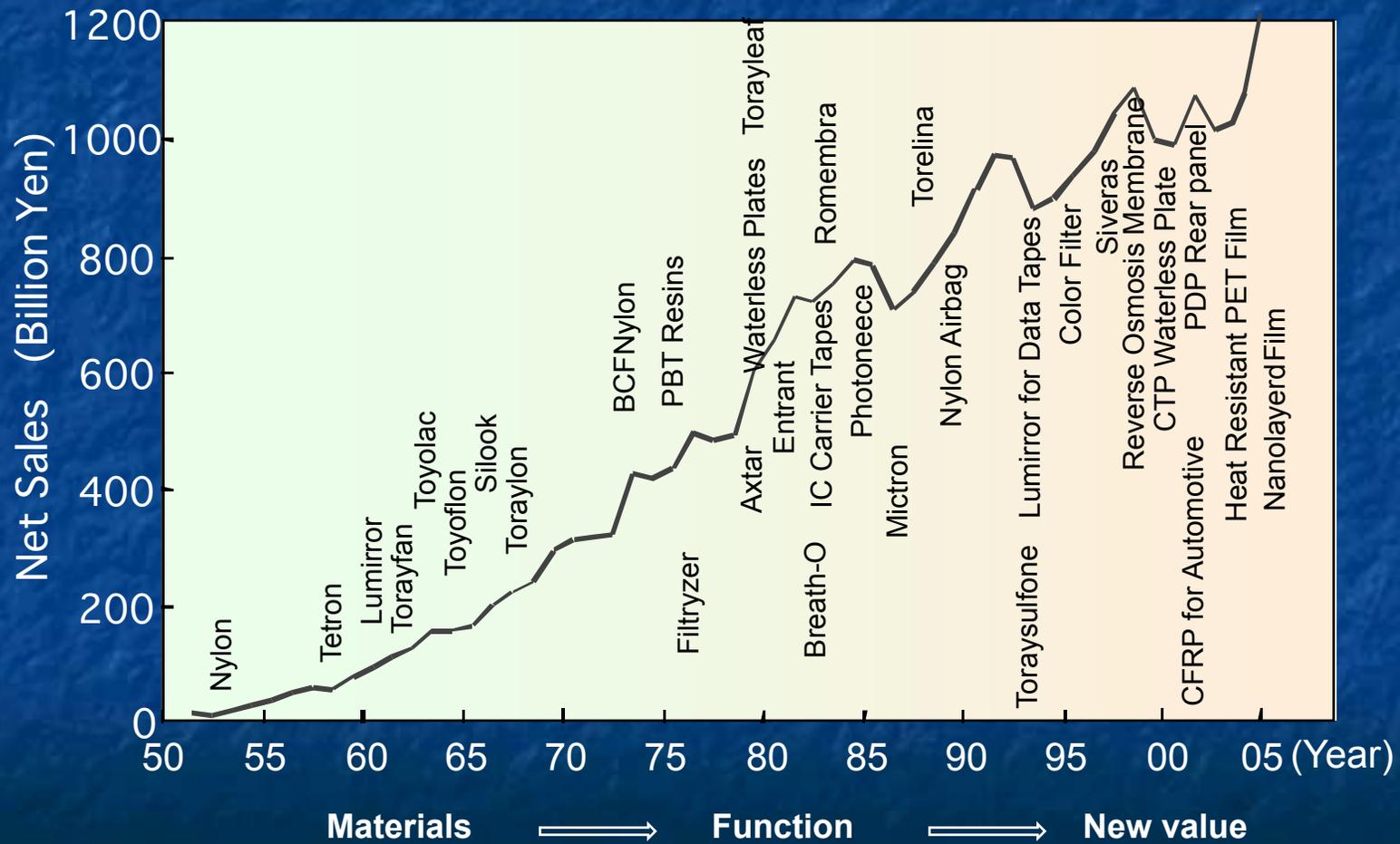
- Petrochem
- Automotive
- Electronics
- Heavy Industries...



Technologies has bring
Improvement of life
and big legacy



Toray's History



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TORAY Innovation by Chemistry

One thing what Toray wants to do

'TORAY'

Innovation by Chemistry

Innovation by Chemistry

Make a splash with Toray
water treatment products.



Toray's "Water treatment Membranes" contribute to
seawater desalination all over the world.

The right chemistry, the right answers.

(Ad poster at Shinkansen train in Jan. - Aug. 2008)

Toray's TV messages

