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# Let paper do what it can do

“Paperising” solutions of NIPPON PAPER GROUP

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NIPPON PAPER INDUSTRIES

# Strengths of Paper

Paper is...

Made from carbon neutral biomass.

Recyclable and given well-developed recycle systems.

Biodegradable.



Living with Earth

# Paperising : Our solutions

## Our products for “Paperising”

### Paper (or Paperboard) -

- Bag
- Cup
- Straw
- Tray
- Liquid packaging
- Replaceable pack 「SPOPS®」
- Barrier material (SHIELDPLUS®)
- Heat sealable paper and paperboard
- Corrugated board carton with functions
- Cushioning material



## Realizing low-carbon and circular-economic society with PAPER

### Our Actions

- Enhancing paper recycling
- Evaluating environmental performance of paper products

### Outline

- Recycling paper products currently unrecycled
- Assess environmental impact brought by “Paperising”

# Our newly developed products

Item

High barrier paper

1

**SHIELDPLUS**

Packaging for foods and cosmetics etc.

Item

Heat sealable paper

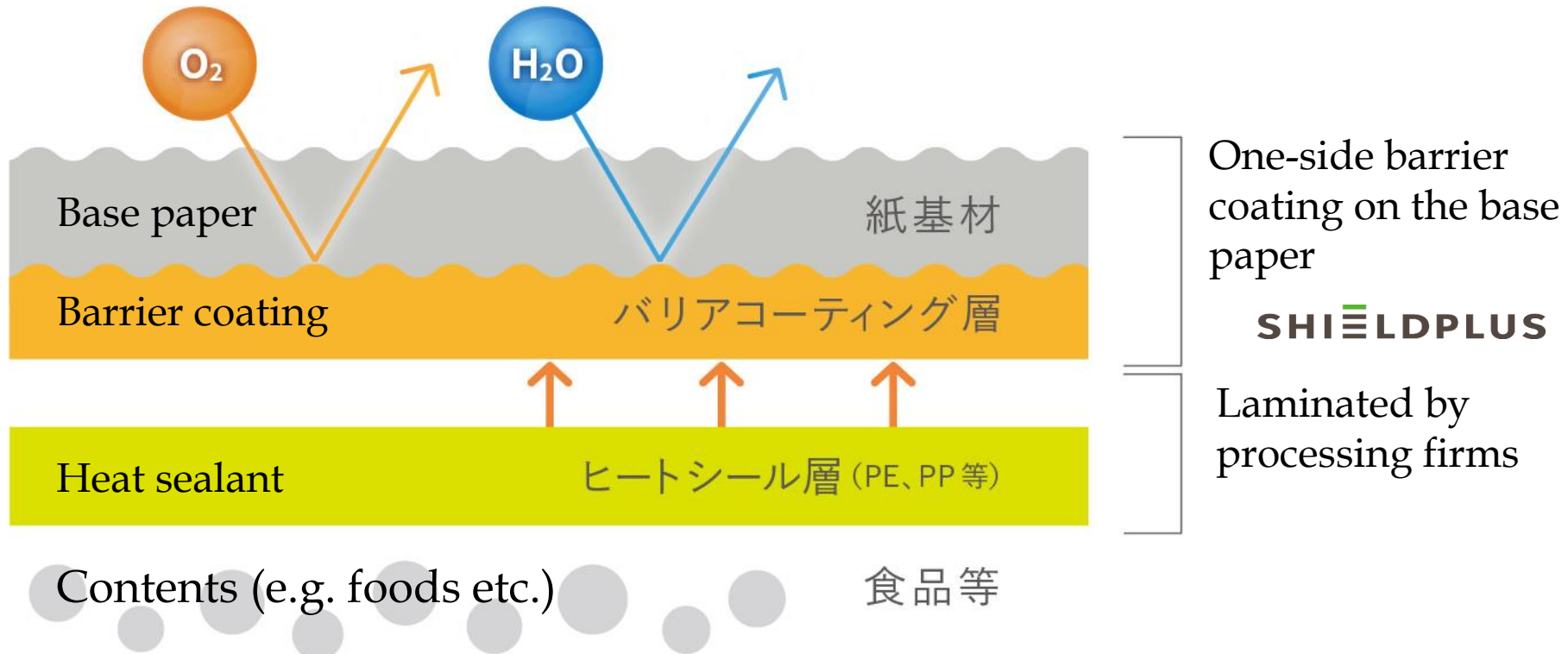
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**LAMINA**

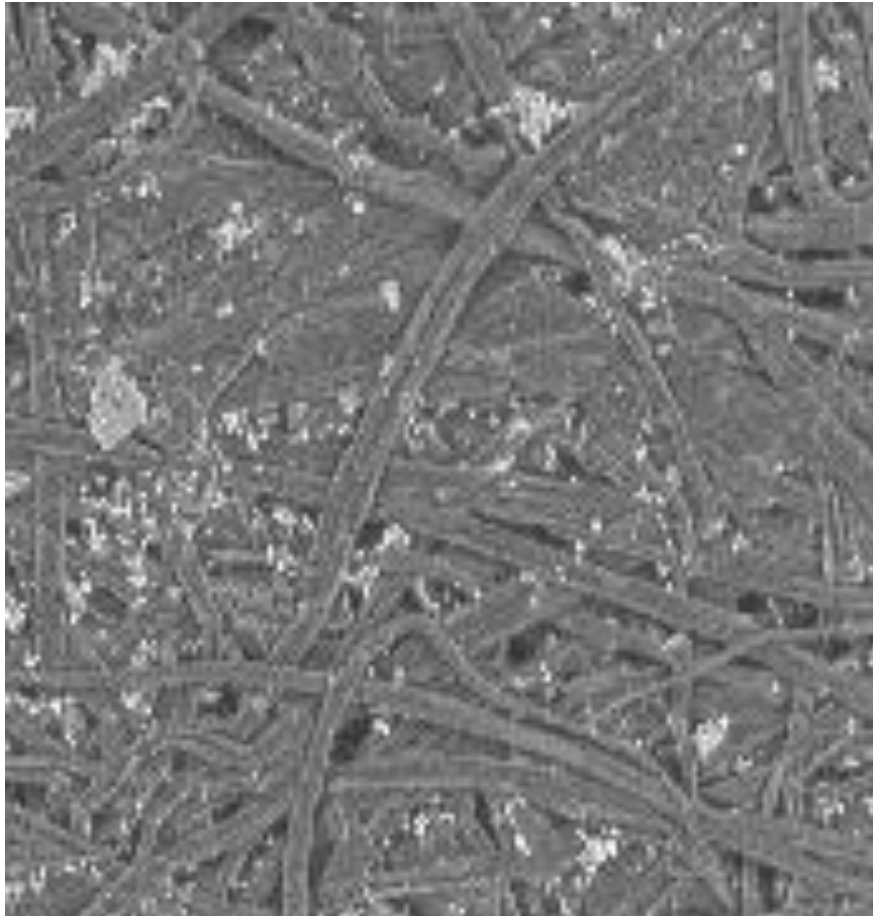
Secondary packaging for foods, medical supplies and household items

**Coming soon**

## Barrier property brought by our coating technology with water-based materials



Paper



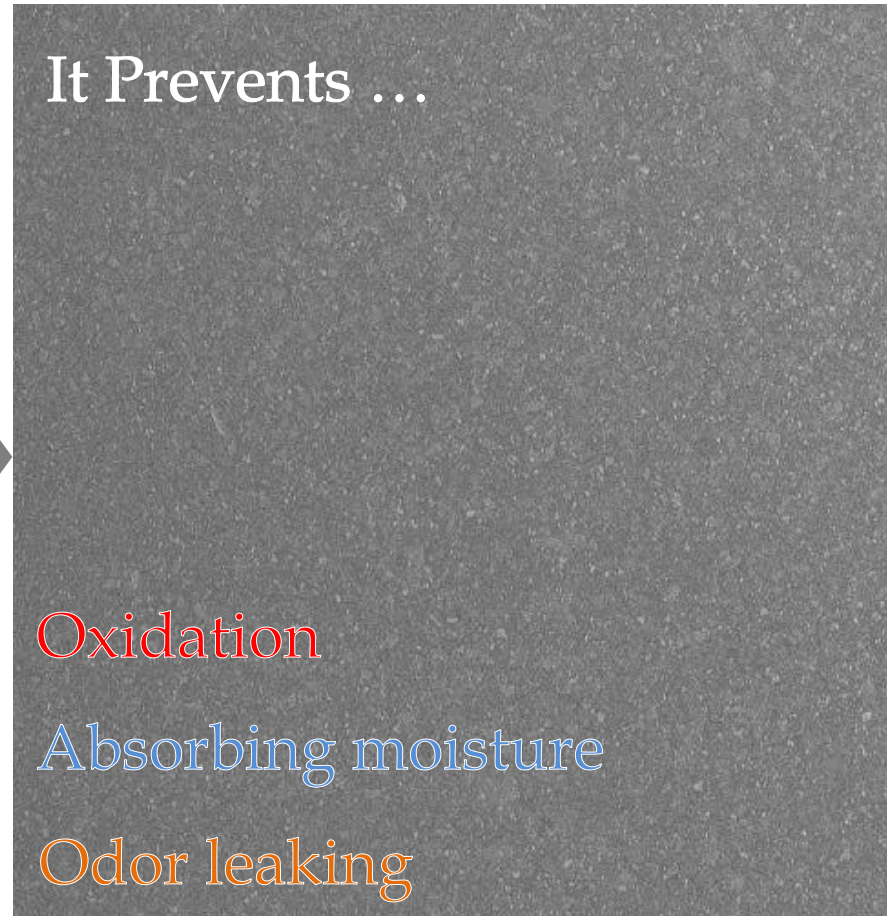
SHIELDPLUS

It Prevents ...

Oxidation

Absorbing moisture

Odor leaking



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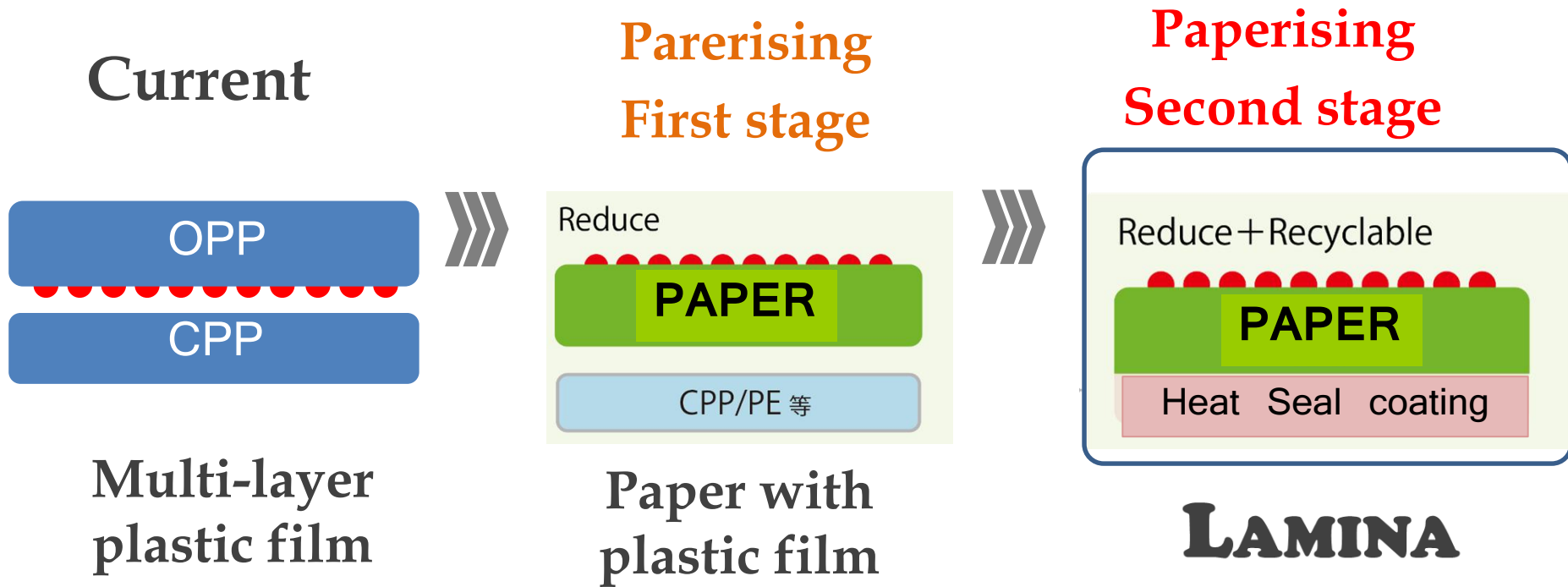
2

LAMINA

Secondary packaging for foods, medical supplies and household items

**Coming soon**

“We can seal the package only with PAPER.”



Good enough for LOW barrier packaging!!



# Our actions to promote “Paperising”

## ● Adding new functions to “Paper”

**To make paper more suitable as packaging material, we are developing the technologies below :**

1. Lamination with “eco-friendly” substances
2. De-lamination more efficiently
3. Recycling laminated paper
4. Production of multi-layer paper

# “Let paper do what it can do”

To protect the global environment and to enrich people's life,  
NIPPON PAPER tries to spread possibilities of packages  
with sustainable material, “PAPER.”