

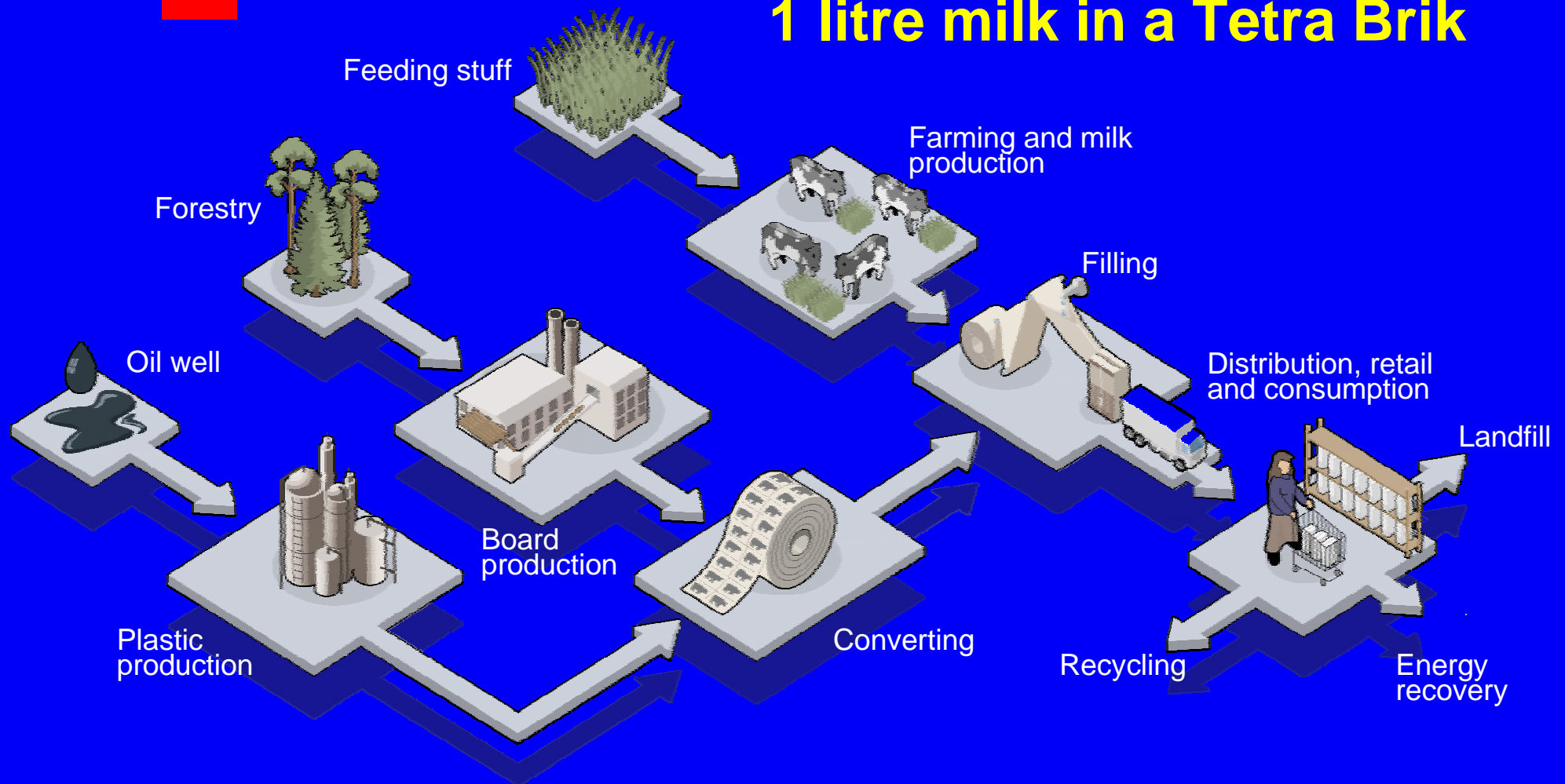
Resource efficiency in paper packaging – a holistic approach.

Industrial cooperation in Sweden

Agneta Melin



Life cycle of a liquid food packaging system – 1 litre milk in a Tetra Brik



Tetra Pak's Environmental Policy

Product design and manufacturing

"Our primary environmental objective is to minimize the environmental impacts of our products through the entire life cycle by making efficient use of resources in our product development and design, in our manufacturing processes, and in our operations."

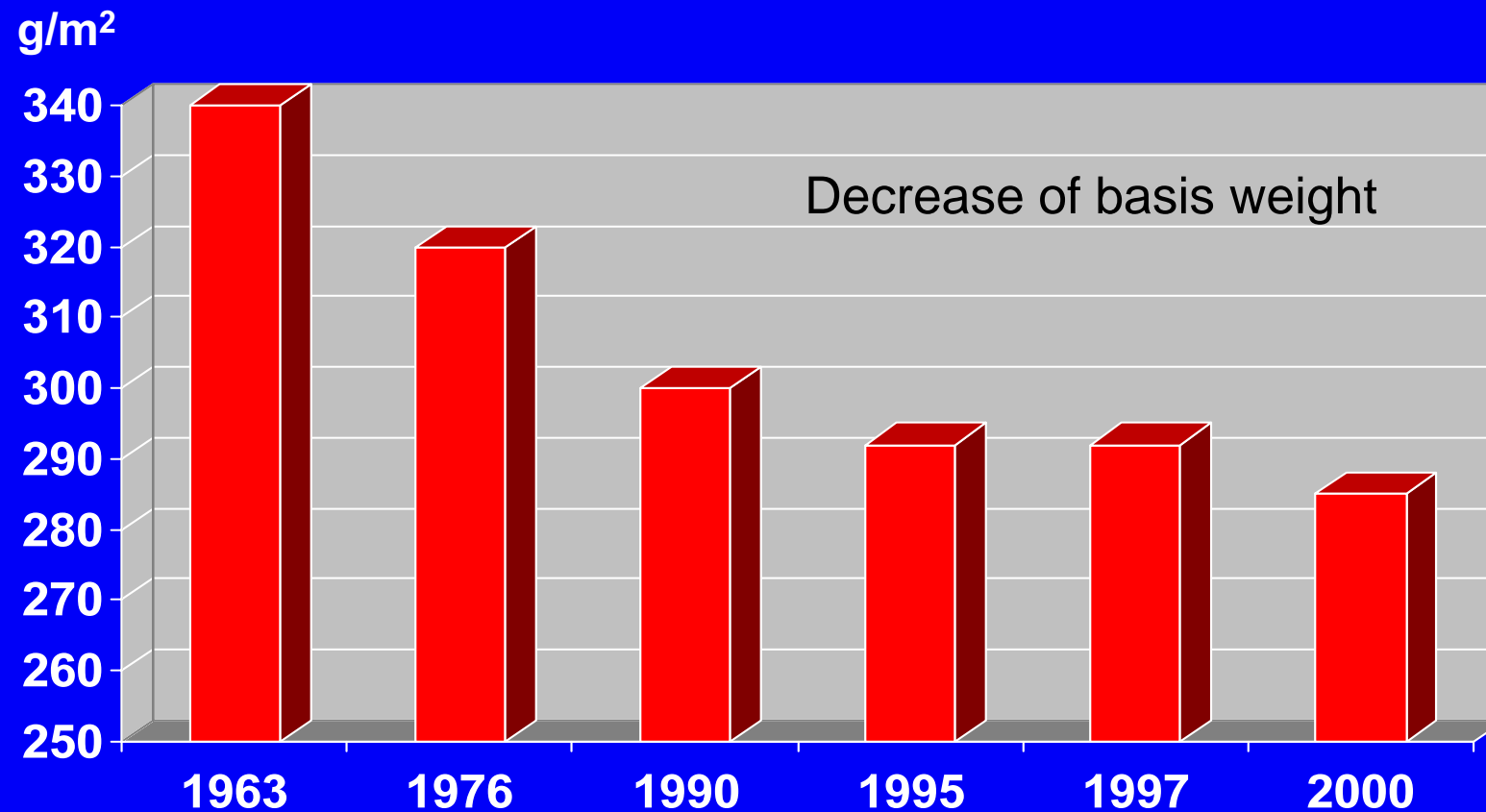
IPP instruments used in the LCA chain

- Sustainable forestry
- Environmental Management Systems: – Environmental Policy
 - Environmental requirements on suppliers
 - Continual improvements
- Substitution and precautionary principle for chemicals
- Efficient transport solutions
- Producer responsibility for packaging
- Environmental product declaration
- Openness towards customers about environmental data

The cat chases the rat...



Source reduction – cartons



Prevention

CTMP Introduction in 1 litre Tetra Brik Aseptic

**Packaging
Material**

Package weight:
– 4% to – 7%

Wood

Consumption

Wood: –

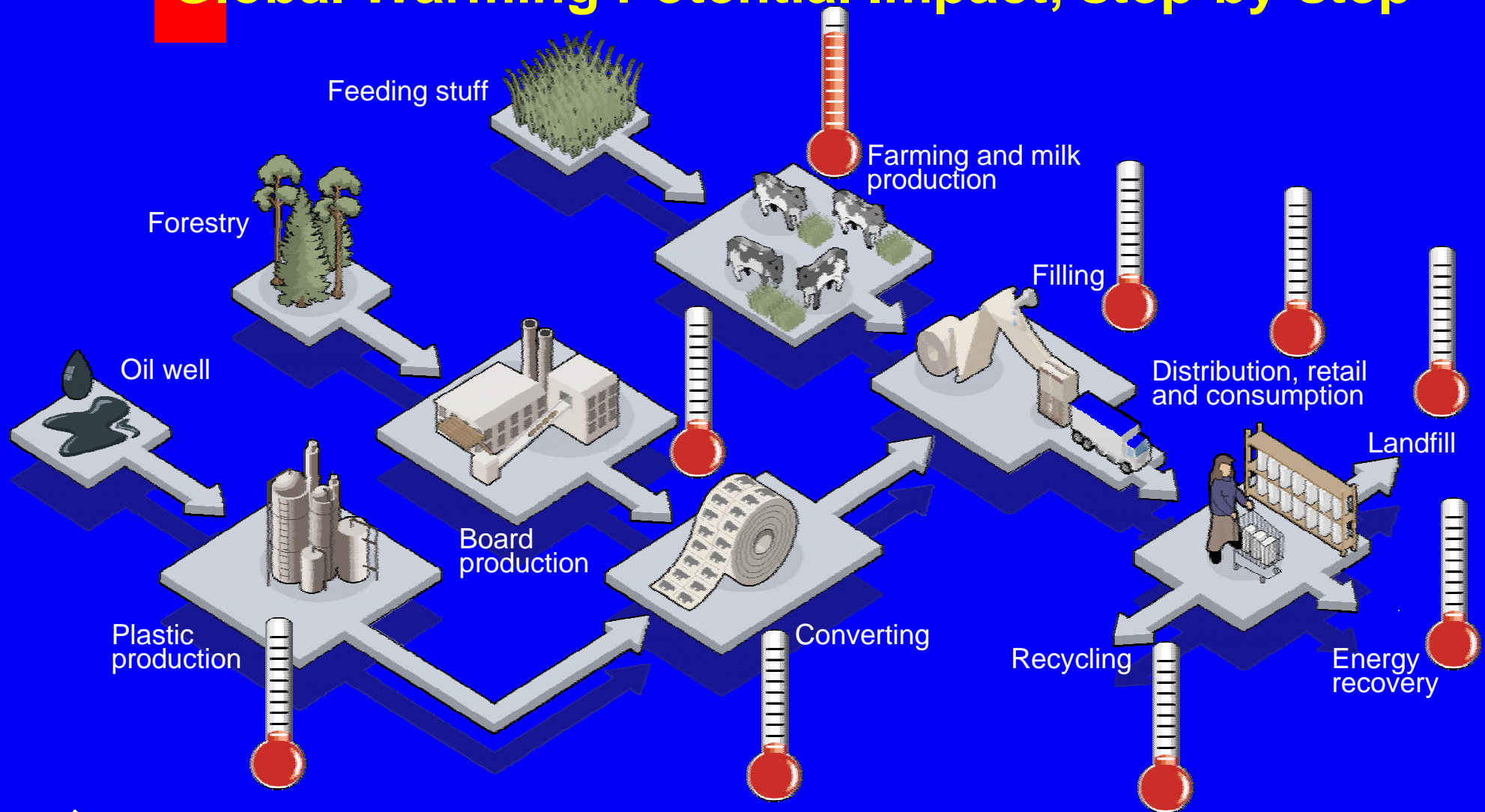
Fresh water: –

Fossil fuels: – *

Electricity: +

***On site**

Global Warming Potential Impact, step-by-step



Conclusions

- A holistic approach to environmental issues is essential to obtain efficient use of resources
- IPP leads to a holistic approach
- IPP instruments provide environmental improvements
- This holistic approach minimizes the need for detailed regulation

Life cycle of a one litre package

