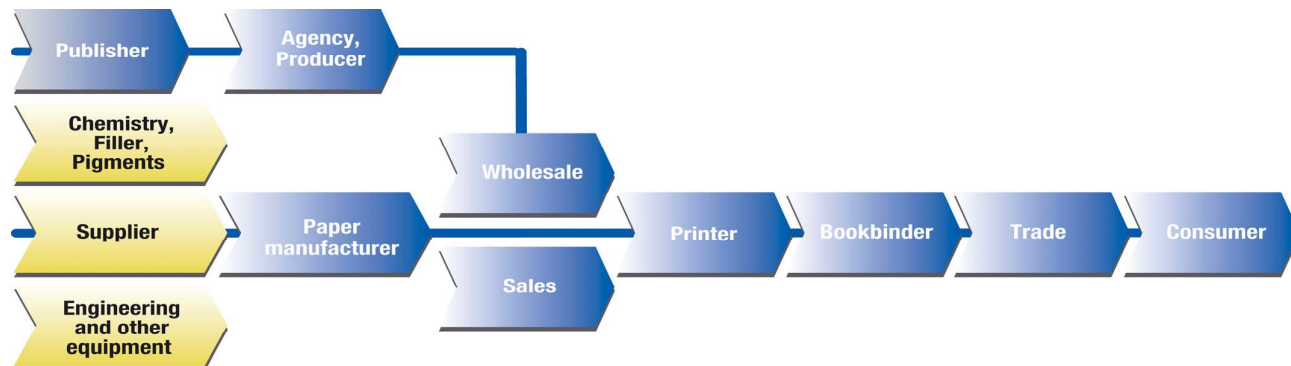




Research along the paper chain



Recovered paper treatment & fibre technology

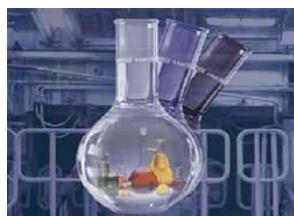
Focus: Acquiring new knowledge about



- Fibre properties
- Process technology in fibre treatment
- Fibre potential optimisation for high product performance

Chemical management

Focus: Efficient and trouble-free production processes



- Optimised use of additives and starch
- Development of concepts and tools to eliminate production failures and operational trouble

Water management

Focus: Using less and cleaner water



- Optimisation of water circuits
- Reduction of effluent volumes and solids losses
- Efficient effluent treatment plants

Surface technology and converting

Focus: Development of upgraded papers and functional packages with focus on



- Optimum raw materials use
- Development of surfaces with protective or intelligent functions
- Best printability of papers and packages
- Trouble-free converting processes

Measuring and sensor technology

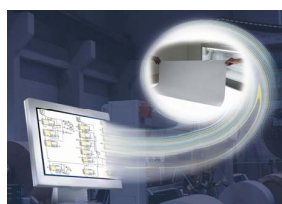
Focus: Innovative measuring and sensor technology



- Optimisation of water circuits
- Reduction of effluent volumes and solids losses
- Efficient effluent treatment plants

Simulation Technology

Focus: Modelling of processes and product properties



- Development of process models
- Control concepts and intelligent sensors for measuring and sensor technologies
- Forecasting models for paper characteristics (CAPD)