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On the right road

For the fourth year in a row Stora Enso has been listed on the Dow Jones Sustainability Index. "We are proud to be ranked as the leading forest products company on this index. I see this endorsement as clear proof that we are heading in the right direction," says DCEO Björn Hägglund.



MANAGEMENT ▶ 8

Award-winning performance

The European Union has commended Stora Enso for systematically implementing Eco-Management and Audit Schemes (EMAS). By the end of the year, 42 mills and two wood procurement units were EMAS-registered, and altogether 95% of the Group's pulp, paper and board production capacity was covered by EMAS and/or ISO 14001 environmental management systems. This represents an increase from 87% in 2001.



ENVIRONMENTAL INVESTMENTS AND COSTS ▶ 8

Restructuring assets to benefit the environment

In 2002, Stora Enso spent a total of EUR 250 million on environmental investments and costs, compared to EUR 235 million in 2001. Total environmental investments amounted to EUR 66 million, while environmental costs totalled approximately EUR 184 million.

WOOD & FIBRE ▶ 10

Advanced tools and harmonised goals

Systems for tracing the origin of wood were further improved in all forest units during 2002. Important progress in this work has been achieved through the harmonisation of environmental and social responsibility principles for wood procurement operations across the Nordic Countries, Russia, the Baltic Countries and Central Europe.



A special conservation programme for the endangered white-backed woodpecker is included in the ecological landscape plans for company-owned forests in Sweden.

Totally Chlorine-Free or Elemental Chlorine-Free pulp? ▶ 13

Plantations – research co-operation in China ▶ 13

Concentrating on core business ▶ 14

Stora Enso has transferred some 600 000 hectares of its Finnish forests to Tornator, a new company which will concentrate on silviculture. Simultaneously, approximately 130 000 hectares of forest was auctioned off in the USA.

Wood procurement organisation ▶ 14

Frequently asked questions ▶ 14

Langerbrugge Mill's new paper machine is due to be in use by the end of May 2003.



Langerbrugge Mill to run on recovered fibre ▶ **15**
Stora Enso's new paper machine in Belgium is strategically located close to markets and substantial sources of recovered paper. The new machine will increase Stora Enso's utilisation of recovered fibre.

WOOD PRODUCTS ▶ 16

ENERGY ▶ 17

Wood-based fuels

– renewable energy assets

The share of bio-fuels in Stora Enso's energy production increased to 62%, from 60% in 2001. Emissions of carbon dioxide from the combustion of fossil fuels were reduced in spite of increased production.



Varkaus is one of nine Stora Enso mills that provide heat for local district heating systems.

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Prompt responses ensure compliance ▶ 22

In most cases limits of environmental permits were fulfilled by comfortable margins. The few infractions were followed by corrective measures.

Resource utilisation ▶ 24

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In spite of increases in the production of pulp, paper and board, most emissions totals were down at Group level. The most notable improvement was an absolute reduction of 25% in the landfilling of solid waste. Sulphur dioxide emissions were also reduced significantly – by 11% overall. Discharges of Nitrogen and Phosphorus were down 4% and 8% respectively in specific terms. Discharges of AOX were also down by 6% in specific terms.

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Read more in the Web report

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