STORA ENSO

Sustainability Data Management Software in Use in Global Forestry Company
Case Stora Enso

ABOUT STORA ENSO

For a truly global forest products company like Stora Enso, sustainability management is an integrated part of its business. Stora Enso has production mills in 22 countries, producing newsprint and book paper, magazine paper, fine paper, consumer board, industrial packaging and wood products. Its annual sales reached EUR 11,8 Billion in year 2007. The Group has some 36 000 employees in more than 40 countries on five continents.

Stora Enso is using 2future SDM solution in all of its operational units and has 130 global users within 102 reporting units for both annual and quarterly sustainability reporting. SDM solution is part of Oracle’s Hyperion Financial Management platform at Stora Enso, which gives Stora Enso the possibility to integrate seamlessly the key sustainability information with financial information. This integration has been one of the key drivers in utilising SDM solution.

“To a global company like Stora Enso, it is becoming more and more obvious, that in the future key sustainability data will be reported as part of the normal business data. This is why we have had the approach to use a system, that can easily provide us the same philosophy and process for all business critical reporting. We have been very pleased with 2future SDM application and 2future help in implementing it to meet our diversified business requirements.” says Johan Holm, Vice President, Environment at Stora Enso.

“2future provided us with the SDM package, that was then modified according to our special requirements. When our sites around the world report on how much fuels, raw materials, or chemicals they are using SDM performs all the conversions to calculate their overall sustainability performance. The response from our end-users has been quite positive. SDM is easy to use and the reporting possibilities are very flexible. It is very important for us, that the data will be collected from source systems or inputted manually only once and both ad-hoc reporting and ready made trend and benchmark reports are easy to use and communicate with our internal and external stakeholders.” Mr. Holm continues.

KEY BENEFITS

- Group environmental performance targets followed quarterly
- CO₂ emission targets followed in different organizational levels for business performance reasons
- Proven and qualified sustainability data used for various external reporting
- Data quality control and validation reports

FOR MORE INFORMATION, please visit www.2future.eu or call +358 (0)9 5491 2292.
Example: SDM a tool to monitor Stora Enso’s carbon footprint

Goal: Reduce the carbon intensity for pulp, paper and board mills

Process: Collect energy and fuel data through SDM from all operational sites in accordance to GHG protocol by WBCSD and WRI.

Results: Reporting to different stakeholders

1) From pulp, paper, board and converted product facilities. Normalised figures are reported per unit sales production.

<table>
<thead>
<tr>
<th>Year</th>
<th>Direct fossil CO₂ (kt)</th>
<th>% Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>5.73</td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td>5.95</td>
<td></td>
</tr>
<tr>
<td>2004</td>
<td>6.00</td>
<td></td>
</tr>
<tr>
<td>2005</td>
<td>5.59</td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>5.62</td>
<td></td>
</tr>
</tbody>
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Stora Enso’s direct fossil CO₂ emissions continued to decrease per saleable tonne of pulp, paper, board and converted product. The reductions were mainly due to investments in energy production assets, mill energy efficiency projects and increased use of biofuels.

2future is a Finnish based company providing world leading software tools and consulting services for sustainability data management and reporting.

2future creates values for its customers by combining in-depth sustainability knowledge with the latest information technology solutions. Several global leading companies in electronics, engineering, manufacturing, retail and telecommunication sectors in Europe, North-America and Asia-Pacific are 2future software users.