SUSTIS
Achieving competitiveness in shipbuilding through sustainability

Seminar
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“Our biggest challenge in this new century is to take an idea that seems abstract - sustainable development – and turn it, too, into a daily reality for all the world's people.”

Towards Sustainability

- Compliance with minimum legal requirements
- Voluntary commitment to exceed minimum requirements
- Proactively identifying stakeholders and markets expectations
- Forerunner and benchmark for others
Luftverschmutzung durch Schiffe

NABU-Hintergrundpapier verdeutlicht Umwelt- und Gesundheitsbelastung durch Schifffahrt


https://www.nabu.de/umwelt-und-ressourcen/verkehr/schifffahrt/index.html

Nabu-Umwelt-Ranking von Kreuzfahrtsschiffen: Platz eins für den Kusmmund

Von Antje Blinda


http://www.spiegel.de/reise/aktuell/kreuzfahrtsschiff-ranking-von-nabu-a-988582.html
2014 CRUISE SHIP REPORT CARD

Choose a Greener Cruise!
Millions of Americans take cruise vacations every year. Yet, most travelers don’t realize that taking a cruise is more harmful to the environment and human health than many other forms of travel. The 2014 Cruise Ship Report Card lets vacationers decide which cruise to take based on a cruise ship or cruise line’s environmental and human health impacts.

We evaluated 16 major cruise lines on 4 environmental factors:

- **Sewage Treatment:** Whether a cruise line has installed the most advanced sewage and wastewater treatment systems available instead of dumping minimally treated sewage directly into the water.
- **Air Pollution Reduction:** Whether a cruise line has retrofitted its ships to “plug in” to available shoreside electrical grids instead of running polluting engines when docked.
- **Water Quality Compliance:** To what degree cruise ships violated 2010-2013 water pollution standards designed to better protect the Alaskan coast.
- **Transparency:** Did the cruise lines respond to our requests for information regarding their environmental practices.

2014 Cruise Ship Report Card Grade Chart

<table>
<thead>
<tr>
<th>CRUISE LINE</th>
<th>Sewage treatment</th>
<th>Air pollution reduction</th>
<th>Water quality compliance</th>
<th>Transparency</th>
<th>Change from 2013</th>
<th>2014 FINAL GRADE</th>
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http://www.foe.org/cruise-report-card

**Vital signs**

**Ranking the best and the worst cruises for the environment (spoiler alert: it's not pretty)**

With cruise lines boycotting an annual sustainability scorecard this year, even the best of them got only a C. Here’s how they ranked:

- **Murky waters: the hidden environmental cost of your cruise**


- based on stakeholders expectations
- Special to notice: social aspects are majority → new Fathom-brand
- "A different kind of cruise which combines your love of travel with your desire to make a difference"
Key questions in Project; Sustainability Transparency in Shipbuilding Networks (SUSTIS)

→ How can we **add value** for our customers (B2C)?

→ What is our **business case** in sustainability?

→ How to **indicate** sustainability?

→ How to collect **reliable, relevant** data about various sustainability aspects from the networks?

→ How to **communicate** about sustainability and create (or develope) a Brand ”**as a builder of innovative, reliable and valueadding ships**”

Target is to create functional procedures to shipbuilding network as the forefunner of sustainable shipbuilder in the world.
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