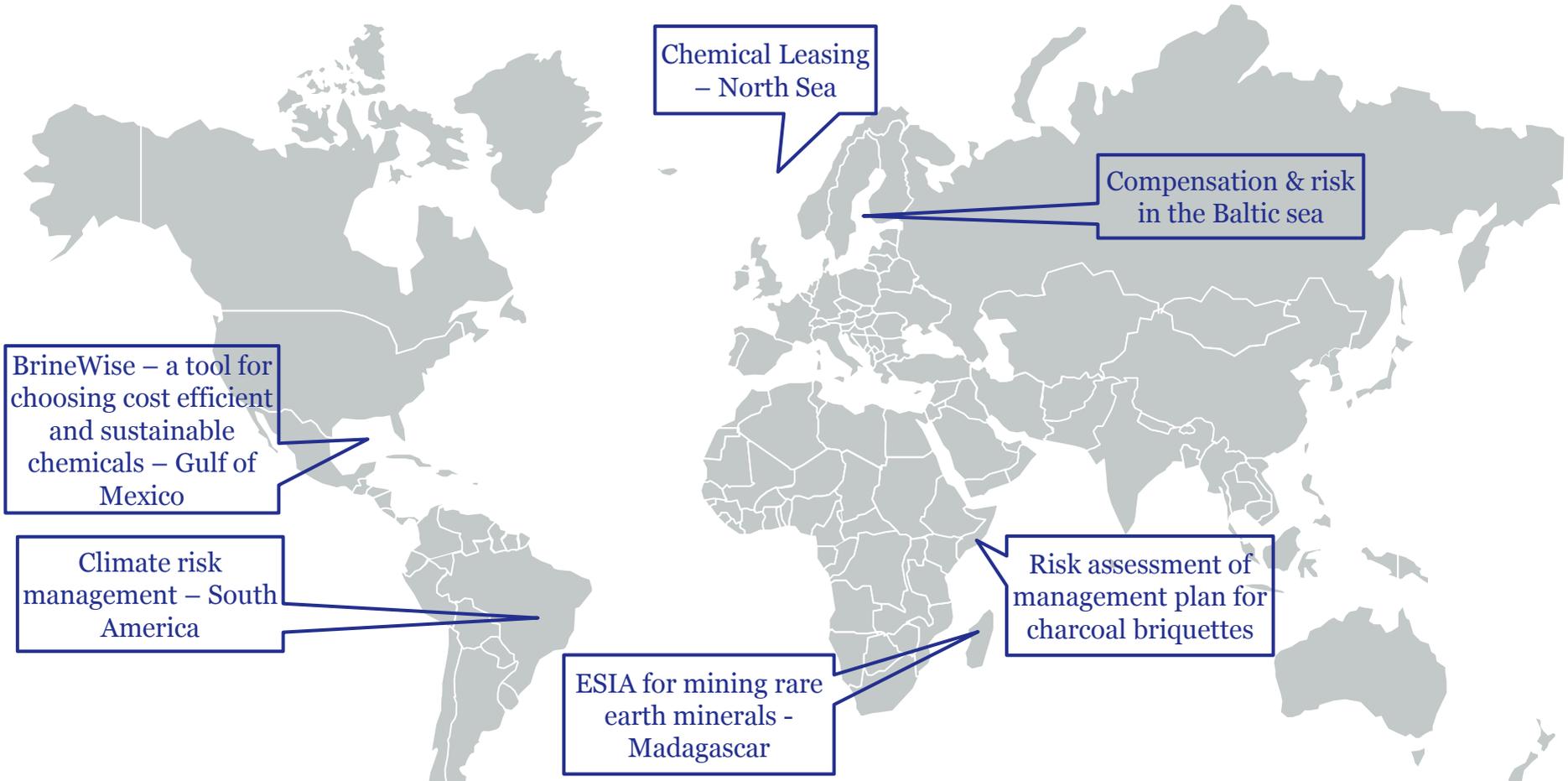


Changing the way you think

Innovative approaches to sustainable risk management



Business models for reducing risk sustainably & cost efficiently



BrineWise – a tool for choosing cost efficient and sustainable chemicals – Gulf of Mexico

Climate risk management – South America

Chemical Leasing – North Sea

Compensation & risk in the Baltic sea

ESIA for mining rare earth minerals - Madagascar

Risk assessment of management plan for charcoal briquettes

Gaia is an independent, technology neutral organisation. We believe you need and deserve an individual approach to risk management. One that fits just you, your size, your business and your customers. Today and tomorrow. We work with you to find solutions that truly meet your needs. Helping to keep your business running clean, safe, innovative and profitable.



One step further

- Once you have reached a certain stage in improving your business's sustainability performance and risk level, you need to take a leap into something new.
- New ways to work, changing the chemical or changing the process can be both costly to implement and technically difficult.
- You can also take a leap past this step, and change the entire business model for purchasing services or products such as chemicals.
 - For smaller companies, this can mean outsourcing the chemical management to experts.
 - For larger chemical users, this may mean harnessing the R&D and knowhow of a chemical producer.
- Whatever your needs, Gaia can help you get further, faster.



Example references: We have worked with several multinational chemical users and manufacturers to develop tools and approaches that fit their work. For our work, we were awarded a silver medal by UNIDO in 2012. Since then, we have helped our customers to:

- Convince their customers to switch to more sustainable solutions
- Rework their internal decision making to better take into account risk and Ecoefficiency in daily work.

Case Maersk Oil & Gas

The requirement

- Identified need to take into account HSE properties in chemical procurement and allow easy risk assessment of tasks

The challenge

- How to develop a chemical HSE evaluation that can be used by non-experts and that serves the experts in minimizing overall chemical HSE risk



Case Maersk Oil & Gas

The solution

- **Systematic approach** and creation of chemical management strategy by Gaia was followed by methodology and tool development meeting the needs of procurement, engineers, workers and HSE personnel
- **Integration:** The tool utilizes operational know-how and the methodology fits existing processes and procedures
- **Standardization:** Applying a systematic assessment and interpretation of the results provides a standard, comparable and consistent method for screening, recognizing and managing the risk at the earliest possible stage
- **Interpretation:** The monitoring of overall risk levels and assigning thresholds and targets are part of Maersk Oil's overall chemical safety management approach. The risk classification encourages selection of low risk options and allows linking risk level indicators to procurement guidelines



© Vernon Wiley

*Our Clients Make
the World Safer
and Cleaner.*

www.gaia.fi

