ChemSec
The International Chemical Secretariat

ChemSec's investors work



"During the development of the new
EU chemicals regulation (REACH),
ChemSec actively contributed and gave voice to
businesses in favour of a strong regulation.
The ChemSec involvement in the REACH process
played an important role in shifting the balance towards
a more progressive chemicals regulation within the EU."



Margot Wallström, former vice president, European Commission

ChemSec =



Sweden-based non-profit organisation

Founded by four NGOs representing the Swedish environmental movement

Since 2002 working internationally to eliminate the use of hazardous chemicals



Funding from governments and charity funds

Offering concrete tools and highlighting positive examples

Political processes

Effective chemicals regulations

Business dialogue

→ Products free of hazardous chemicals

Financial investors

→ Avoid investments in high concern chemicals

ChemSec :

Political processes

→ Effective chemicals regulations

Vision:
A World Free of Hazardous Chemicals

Business dialogue

→ Products free of hazardous chemicals

Financial investors

→ Avoid investments in high concern chemicals

ChemSec:



Investors dialogue: Intentions

Investors: powerful alleys in phasing-out hazardous chemicals and foster innovation in safer product development

- Rating agencies and asset managers use chemical criteria when evaluating corporate environmental performance
- Investors engage directly with companies, raise questions, get information and support sustainable development

Need: Increase of transparency



What is in it for investors? 2 examples:

Neonicotinoids: EU ban for 2 years

-Main producer in EU are Bayer and Syngenta -Syngenta s turnover: \$ 14,2 bn, neonicotinoids representing 10 %

Bisphenol A in cash receipts

- 2010 BPA used in thermal paper got public
- Major retailers globally buy alternatives



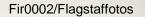
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Bisphenol A in cash receipts







It's all about money:

Loosing

- Litigation fines
- Recalls
- Reformulation costs
- Reputation loss
- Costs for waste management, storage, transport, treatment, disposal
- Upcoming restrictive legislation globally

Gaining

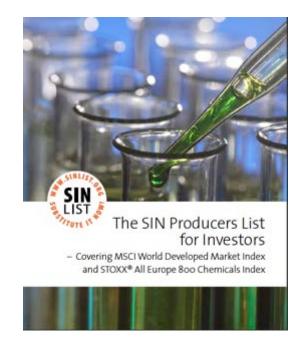
- Market opportunities for safer alternatives
- Workers health
- Reputation gain
- Saving costs
- Higher margins / higher market share
- Environmental and health aspects

| EU | REACH, product directives (toys, cosmetics, RoHS,) |
|-------------|--|
| Japan | Chemical Substances Control Law |
| Canada | Chemicals Management Plan |
| US | Toxic Substances Control Act TSCA; California: Safer Consumer Products Regulation – 1 st Oct – products containing priority chemicals have to undergo alternative assessment; Proposition 65 Washington: classification of chemicals with high risk to children |
| Australia | Industrial Chemicals Act NICNAS |
| South Korea | Toxic Chemicals Control Act (REACH-like) |
| Taiwan | Toxic Chemical Substance Control Act (REACH-like) |
| China | Measures for the Environmental Administration of New Chemical Substances; 58 priority chemicals; presentation of an elimination and restriction list announced till 2015 |
| Russia | Federal Law About Technical Regulation on Safety of Chemical Regulation |
| Philippines | Philippine Inventory of Chemicals and Chemical Substances |
| Turkey | Chemicals Management Regulation (bridge to REACH) |
| Brazil | GHS-compliance |



SIN producer list publications





SIN Producers List

— lists the 708 companies
producing or importing
SIN List chemicals in Europe

SIN Producer List for Investors

lists the stock-exchange
 listed companies (MSCI, STOXX)

Investor Meetings in London and Paris

Aims of meetings:

- Raise awareness about chemicals and REACH
- Creating critical mass around engagement



Organised by the asset manager WHEB



Invitation of FIR
Forum pour L'Investissement
Responsable
Asset managers, rating agencies

Results

- Network of investment professionals: 10 rating agencies, 150 asset managers
- Active group in UK and France:
 - Single company engagement
 - Exploring general engagement via UN PRI clearing house
- Influencing Global Reporting Initiative to list sector specific questions

2014: New version of SIN producer list



How to get much broader interest?

More information / More transparency

- How big is the financial risk?
- Who is producing hazardous chemicals?
- In which volumes?
- How much do those chemicals contribute to profits?
- Are alternatives available?



Investors Interest in your company

Think Starter:

- Show quantitative indicators, be transparent
- Show your chemical management strategy including timed phase-out plans
- Revenue of products using Green Chemistry or safer ingredients



Thank you for the attention!

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Underperformance due to hazardous chemicals in products



- Mattel Stock Price
- ─ Dow Jones Toy Industry index

