What difference does Reach make?

Green chemistry and commerce

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How could Reach happen?
- looking backwards

✓ The old legislation didn’t work
✓ Strong political commitment from Environment ministers / NGO
✓ Chemicals industry realised that their public image had to be improved
✓ Downstream users realised they would gain from more transparency more information
✓ Overuse of socio-economic consequence studies ex PCB
Which were/are our expectations...and how did it turn out?

<table>
<thead>
<tr>
<th>Expectations</th>
<th>Turnout</th>
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<tbody>
<tr>
<td>✓ Identify the 30 000 chemical substances (&gt;1 ton) on the EU market</td>
<td>✓ 150 000 chemical substances were pre-registered!</td>
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<tr>
<td>✓ Identify the uses of chemicals</td>
<td>✓ 2.75 million pre-registrations done (exp 185 000)</td>
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<td>✓ 25 000 high-volume registrations in 2010</td>
<td>✓ ??????</td>
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Which were/are our expectations...and how did it turn out?

**Expectations**
- More data produced
- More data available
- Down-stream information flow
- Consumer information on articles

**Turnout**
- Industry very busy
- ECHA busy
- Down-stream information-frustration
- Disappointing so far..
Unexpected turnouts

✔ Industry inventory and cupboard cleanup
✔ Chemical control issues made their way to the Management Boards in the chemical industry

➢ Akzo-Nobel cleaned out ca 40 substances
➢ Industry identifying their role in data-sharing, in import etc
Which were/are our expectations... and how did it turn out?

**Expectations**
- Efficient authorisation of substances of very high concern

**Turnout**
- The processes are being formed successfully, but...
- The candidate list too short!
- Criteria for PBT, vPvB difficult to apply (revision contentious)
Reach’s results so far

✓ Confirmed our lack of knowledge about chemicals on the market!
✓ Industry cleaned up their cupboards!
✓ Knowledge about chemicals is building up rapidly!
✓ Market communication on chemicals has started!
Is Reach enough?

- REACH provides a sound foundation, and knowledge from REACH will be used globally.
- Detailed legislation is not enough, industry has to implement its own precautionary policies/environmental management to reduce risks.
- Authorities can assist in this process by providing information gathered via REACH.
- Chemicals in articles
- Low volume chemicals
- Safe handling of waste, recycling
- SAICM is important to implement chemicals management in the 3rd world. GHS is also a very valuable piece.
Will Reach lead us to Green Chemistry?

• It puts us on the right track...
• But does not take us all the way