



ROLL-OUT OF THE SIN LIST 1.0: Observations from the EU

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The Challenge of Getting Information

A fruit stand analogy:



So, that's the market for fruit...
and the chemicals market is no different.

The Challenge of Getting Information

Really don't have the data

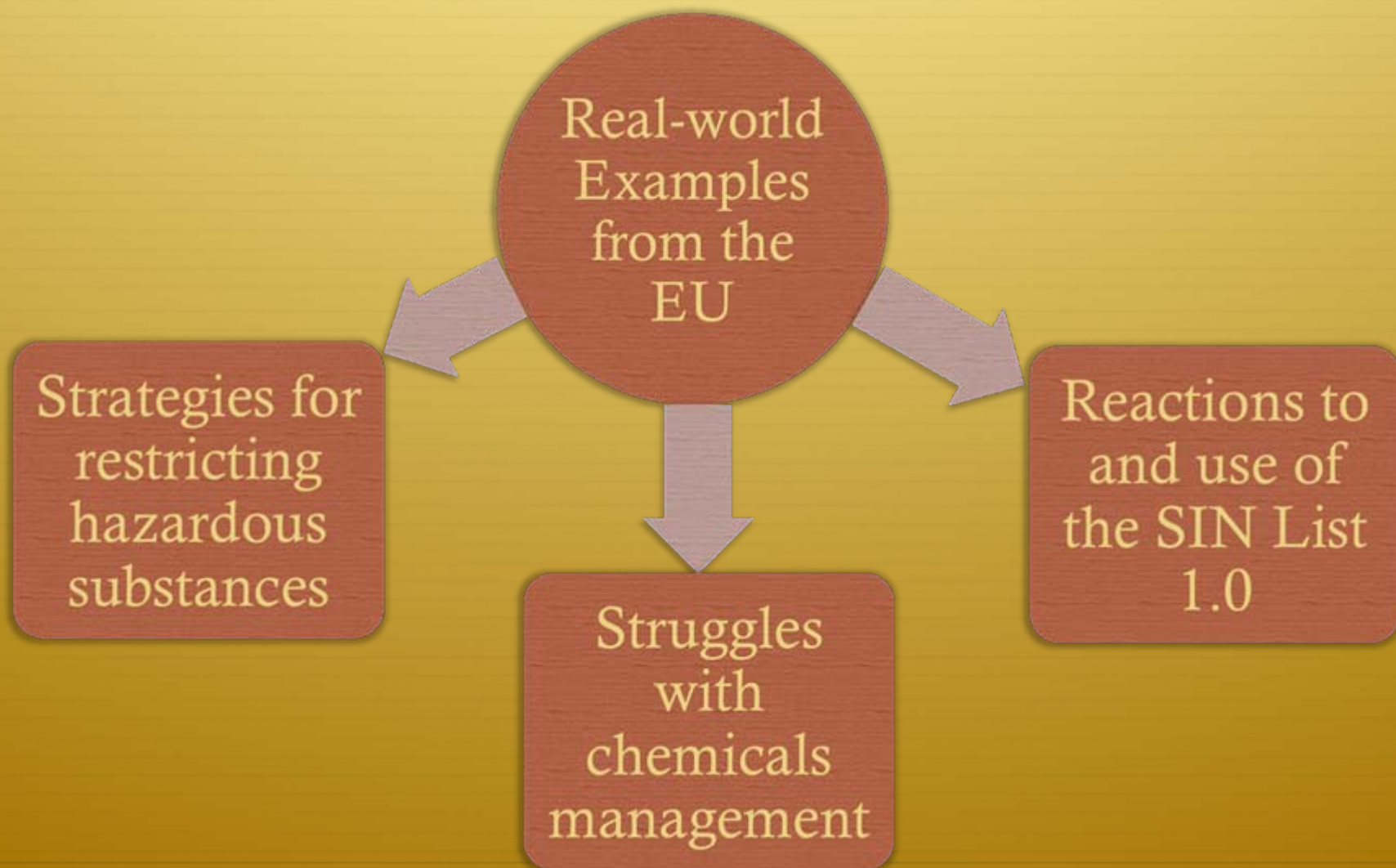
Don't understand what company is asking for

It's not their level of transparency

It may be a trade secret, an issue of intellectual property

Don't think hazard data is complete/relevant

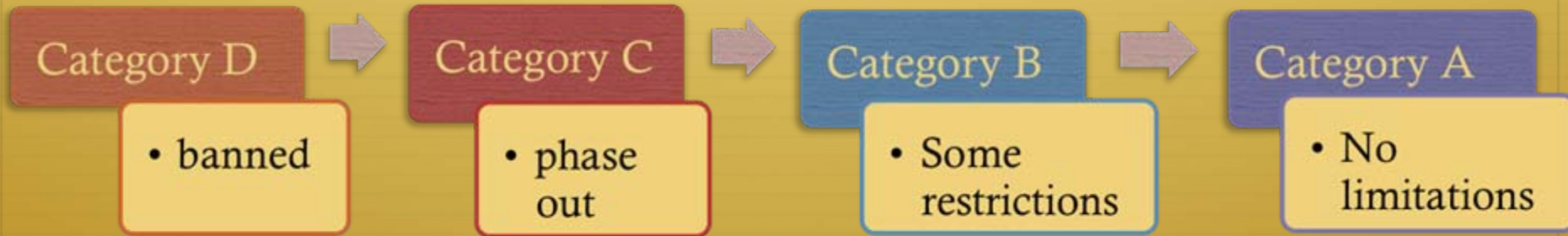
Current Practices



Sara Lee:

Strategy for Restricting Hazardous Substances

- ✦ Chemicals management system comprising tens of thousands of chemicals used in Sara Lee products:



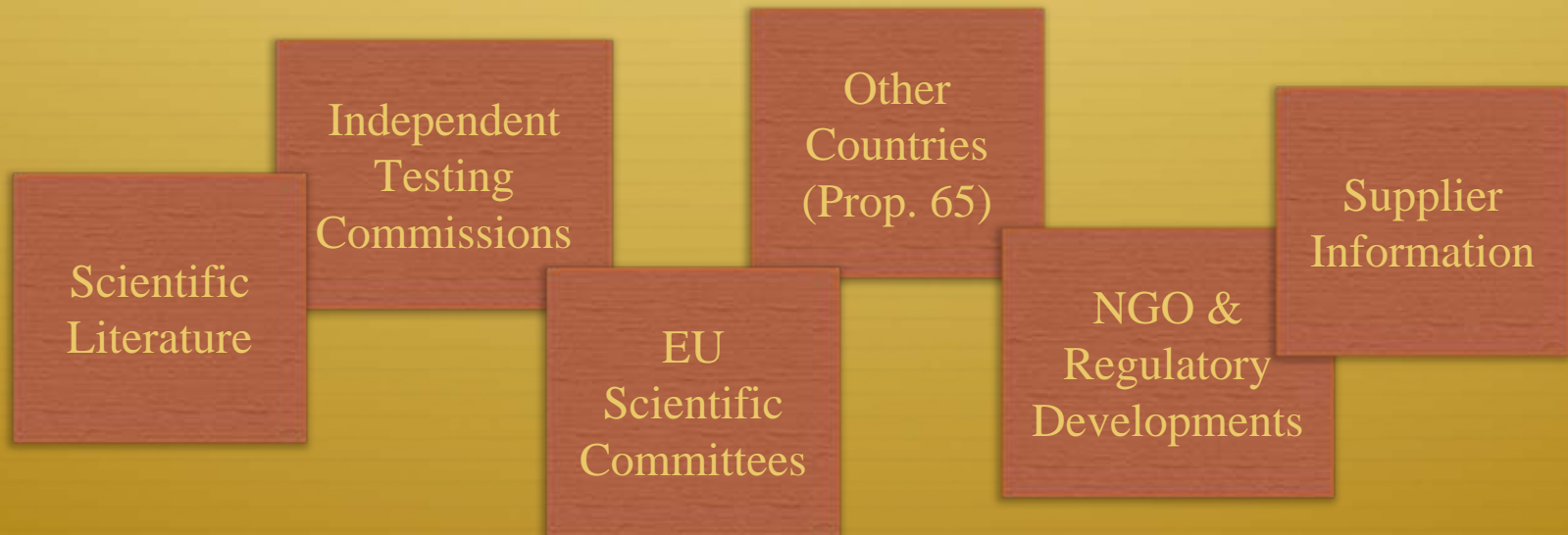
- ✦ Goals: avoid entry of certain substances, phase-out/control others



Sara Lee:

Constant Chemicals Vigilance

- ✦ Sara Lee is not allowed to test its own product ingredients
- ✦ Dependent on external sources for chemicals safety info



- ✦ Constant monitoring by Safety, Environmental, & Regulatory Affairs Department (in-house experts)
 - ✦ Filter through information, determine if real problems exist

Sara Lee:

Reactions to & Use of SIN List 1.0

Found SIN List overwhelming at first

Led to investigation of Sara Lee's entire supply chain

Most SIN chemicals aren't in Sara Lee's supply chain & SIN List 1.0 uses same criteria as Category D

SIN List more precautionary – includes chemicals with limited pubs or data

Reclassified any SIN List chemicals used as Category D

Sony Ericsson:

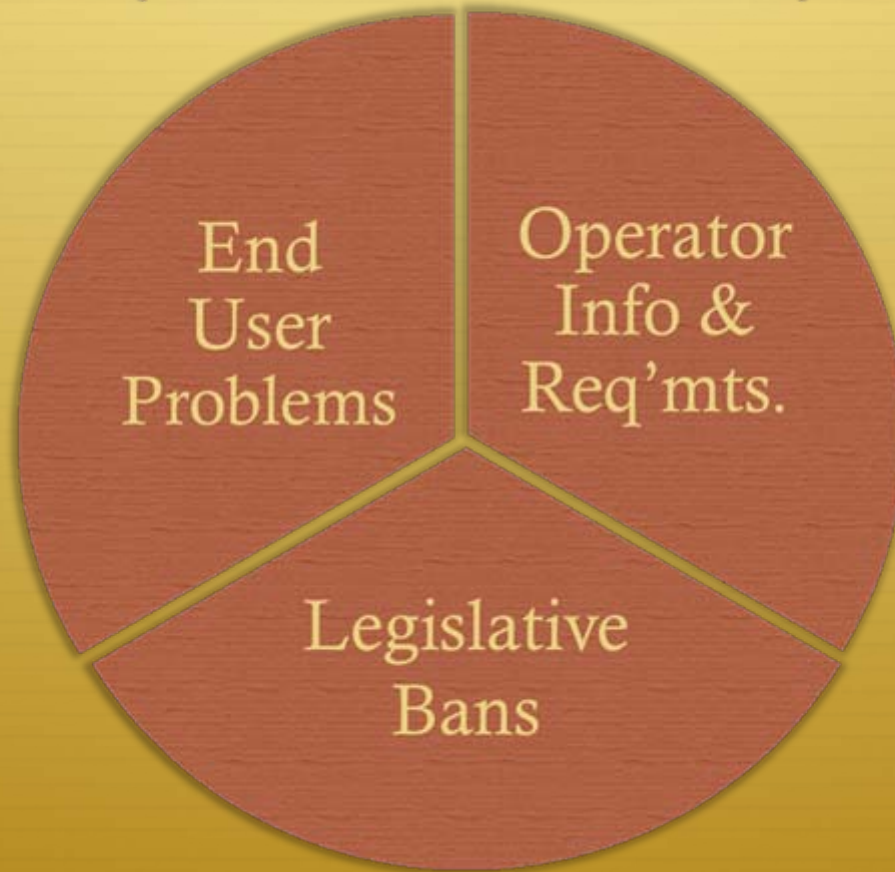
Strategy for Restricting Hazardous Substances



- ✦ Check out www.sonyericsson.com
 - ✦ Make your way to “Conscious design”
 - ✦ Download “list of banned and restricted substances”
- ✦ Download an “environmental declaration” for any Sony Ericsson phone – link on same page
- ✦ Goals: avoid entry of certain substances, phase-out others
- ✦ Work with suppliers to find safer alternative chemicals
- ✦ Materials Declaration System: Full disclosure on all components of all products by end of 2009!

Sony Ericsson:

Gathering Input from Many Sources



- ✦ Can be difficult getting basic information about material contents from suppliers (often due to ignorance or misunderstanding)

Sony Ericsson:

Reactions to & Use of SIN List 1.0

- ✦ SIN List will be a good reference in the future when new chemicals show up on suppliers' declarations lists
- ✦ Have several SIN chemicals already on restrictions list
- ✦ Only SIN chemicals used are critical in tiny quantities but have no known substitutes



Skanska:

Strategy for Restricting Hazardous Substances

- ✦ Whole company ISO 14001 certified
- ✦ 5 substances globally restricted on all projects (10 soon?)
- ✦ A simple start to:
 - ✦ Get people thinking about chemicals issues and “what more they can do that is sensible”
 - ✦ Determine extent of what can be done at corporate level and what needs to be done within business units
 - ✦ Ascertain what is transferrable between systems
- ✦ Individual Business Units have own restricted substance lists and systems for chemicals management

Skanska:

So What's in that Brand X Can of Paint?



- ✦ Construction industry's challenge:
 - ✦ Deal with materials and brands instead of chemicals
 - ✦ Difficult to get full disclosure on products/materials
 - ✦ 2 different products → same outcome, dramatically different chemistry
 - ✦ No source/database showing composition of building materials
 - ✦ Difficult to control every product used on a construction site
- ✦ How to know what chemicals to look for on a given project? What level of control is possible?

“We know where we need to get to and we’ve made some baby steps along the way- which is more than most companies in our industry have tried to do- but we’re a long long way from having the level of control where you say, ‘we’re in control’.”

Skanska:

Reactions to & Use of SIN List 1.0

- ✦ Learned a lot from the SIN List; appreciate its importance as downstream users
- ✦ Cannot directly use SIN List...use materials, NOT chemicals
- ✦ BUT, substitution *concept* developing in Skanska
 - ✦ Some business units developing own SIN-like lists
 - ✦ Market-by-market, product-by-product approach
 - ✦ Not transferrable – products/brands different in markets, as may be substitutes

“It’s the start of the move, long term, towards some sort of global consensus that is relevant to our industry”



Suggested Next Steps – SIN List 2.0?

Information
on
Alternatives

Sector
Specificity

More
International
Perspective

Encourage
Use Before
Expanding

Optimism for the Future



“I am personally and professionally very very happy about REACH”

- ✦ A really good solution
- ✦ Positive changes for downstream users, will make life easier
- ✦ Will see mentality change within companies, industry maturation

Gradual understanding of “new responsibility for chemicals safety and the safety of consumers”

Realization of “what chemicals management actually is and make it part of the way they do business”

- ✦ REACH is a challenge for industry – success will depend on cooperation & communication among all stakeholders

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Thank You!

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