

PARTNERSHIPS IN ACHIEVING THE SOUND MANAGEMENT OF CHEMICALS

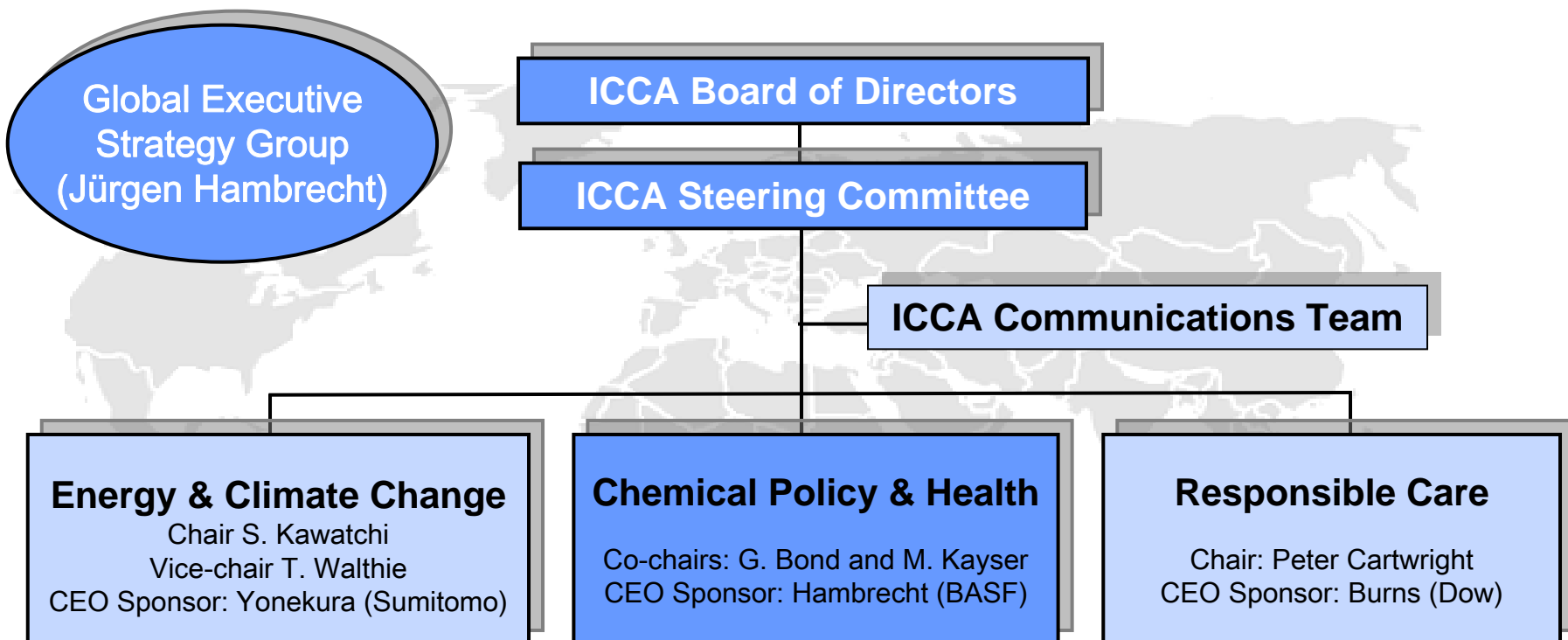
International Council of
Chemical Associations (ICCA)
Chemical Product & Health Steering Team

CSD Seminar on Chemicals; Feb 23, 2010

Phil Snyder, MPH, JD



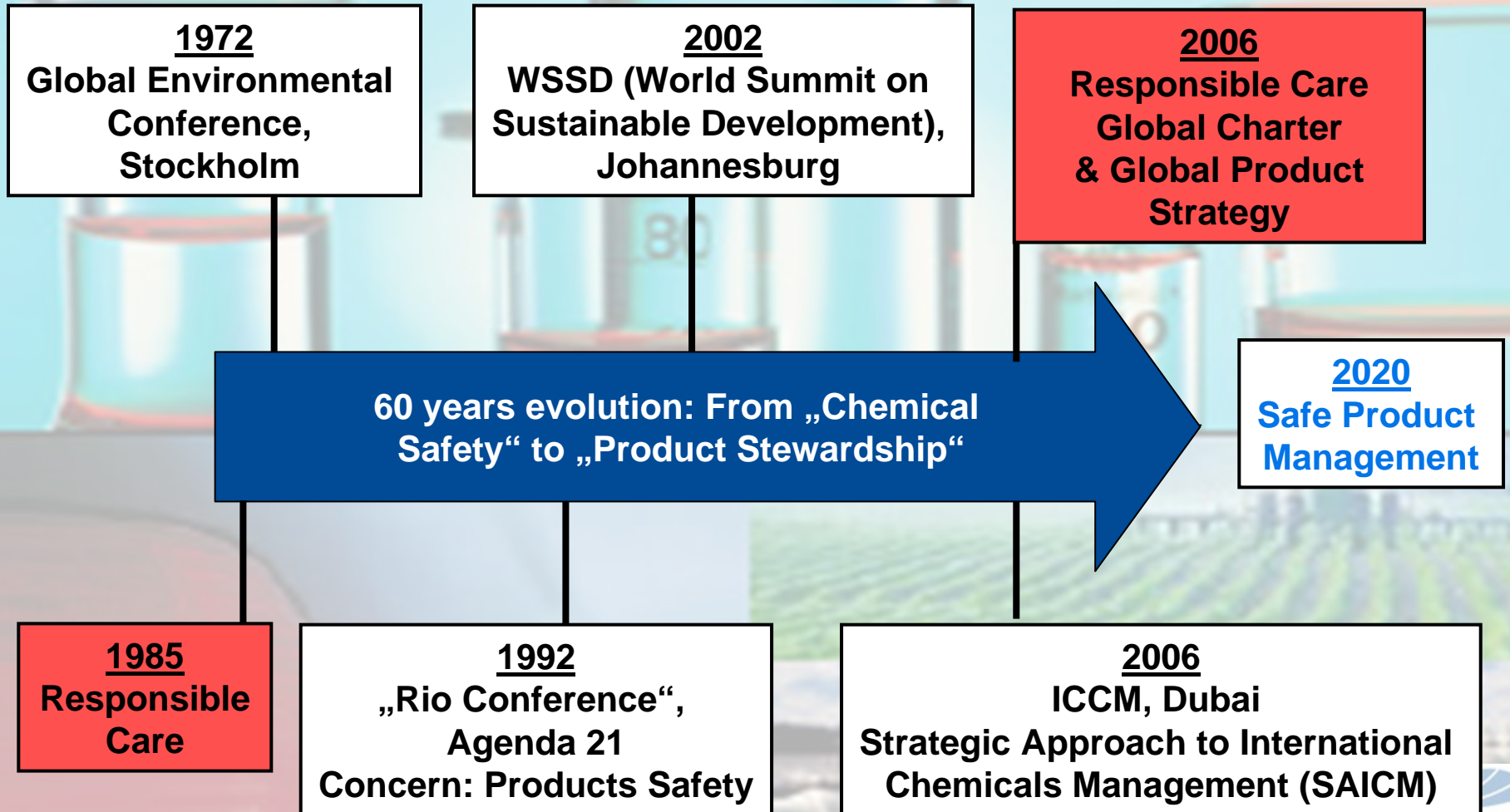
International Council of Chemical Associations (ICCA) – Organization



- **Virtual organization (53 member associations)**
- **Global voice of the chemical industry**
- **Co-ordinates RC, GPS and other voluntary initiatives.**
- **Accounts for > 75% of chemical operations,**
- **~ 30% of this production is traded internationally**



Societal evolution – Towards sound management of chemicals



2006 New Industry Direction

RESPONSIBLE CARE CHARTER (RC)

Seeks to harmonize country level

RC programs

Emphasis:

Management System approach

**Broadening Product Stewardship
across the value chain**

National and international governance
processes



GLOBAL PRODUCT STRATEGY (GPS)

- Defines What will be done
- New Tools and processes
- Sets the Vision for deliverables
- Responses to the key strategic elements of SAICM
 - Risk Reduction
 - Information Sharing
 - Capacity Building

ICCA Vision (Deliverables)

By 2020, through a combination of voluntary and regulatory initiatives, we will have:

1. **Established a base set of hazard and exposure information adequate to conduct safety assessments for chemicals in commerce;**



ICCA Vision

By 2020, through a combination of voluntary and regulatory initiatives, we will have:

1. Established a base set of hazard and exposure information adequate to conduct safety assessments for chemicals in commerce;
2. **Enhanced global capacity to implement safety assessment practices and safe management procedures, especially in developing countries;**

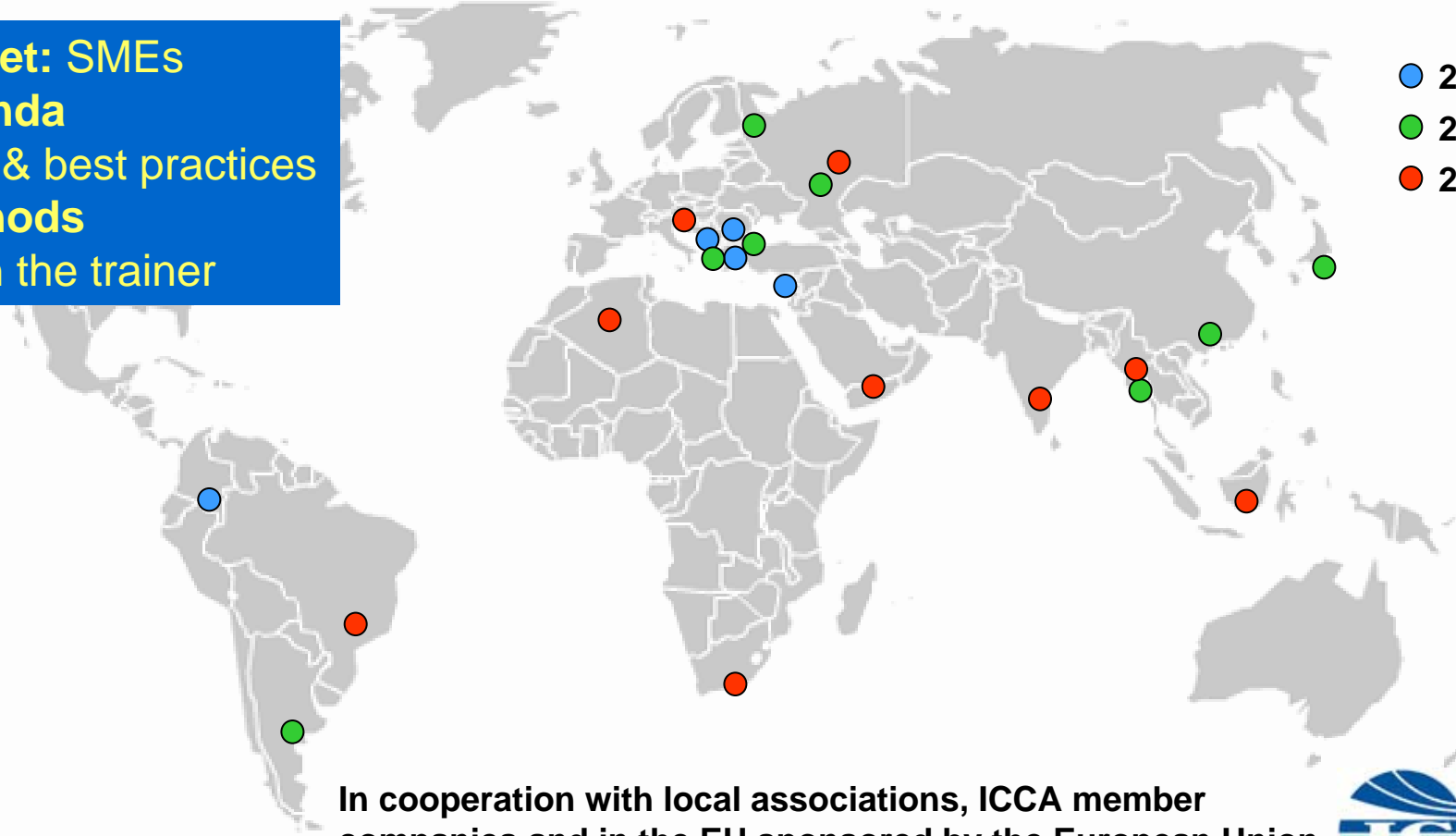


ICCA Capacity Building Workshops – Transition from science to practice

Workshops 2008, 2009 and 2010

Target: SMEs
Agenda
Tool & best practices
Methods
Train the trainer

● 2008
● 2009
● 2010



In cooperation with local associations, ICCA member companies and in the EU sponsored by the European Union



ICCA Vision

By 2020, through a combination of voluntary and regulatory initiatives, we will have:

1. Established a base set of hazard and exposure information adequate to conduct safety assessments for chemicals in commerce;
2. Enhanced global capacity to implement safety assessment practices and safe management procedures, especially in developing countries;
3. **Worked across the value chain so suppliers and customers can effectively evaluate the safety of their products & enhance their performance;**



ICCA Vision

By 2020, through a combination of voluntary and regulatory initiatives, we will have:

- 4. Shared relevant product information with co-producers, governments and the public;**



ICCA Vision

By 2020, through a combination of voluntary and regulatory initiatives, we will have:

4. Shared relevant product information with co-producers, governments and the public;
- 5. Made product safety summaries on chemicals publicly available (GPS IT-portal via <http://www.icca-chem.org/>);**



ICCA Vision

By 2020, through a combination of voluntary and regulatory initiatives, we will have:

4. Shared relevant product information with co-producers, governments and the public;
5. Made product safety summaries on chemicals publicly available (GPS IT-portal via [http://www.icca-chem.org/.](http://www.icca-chem.org/));
- 6. We will have extended the monitoring & reporting structure by including additional metrics to quantitatively track progress.**



Global Product Strategy Progress

Platform for improvement

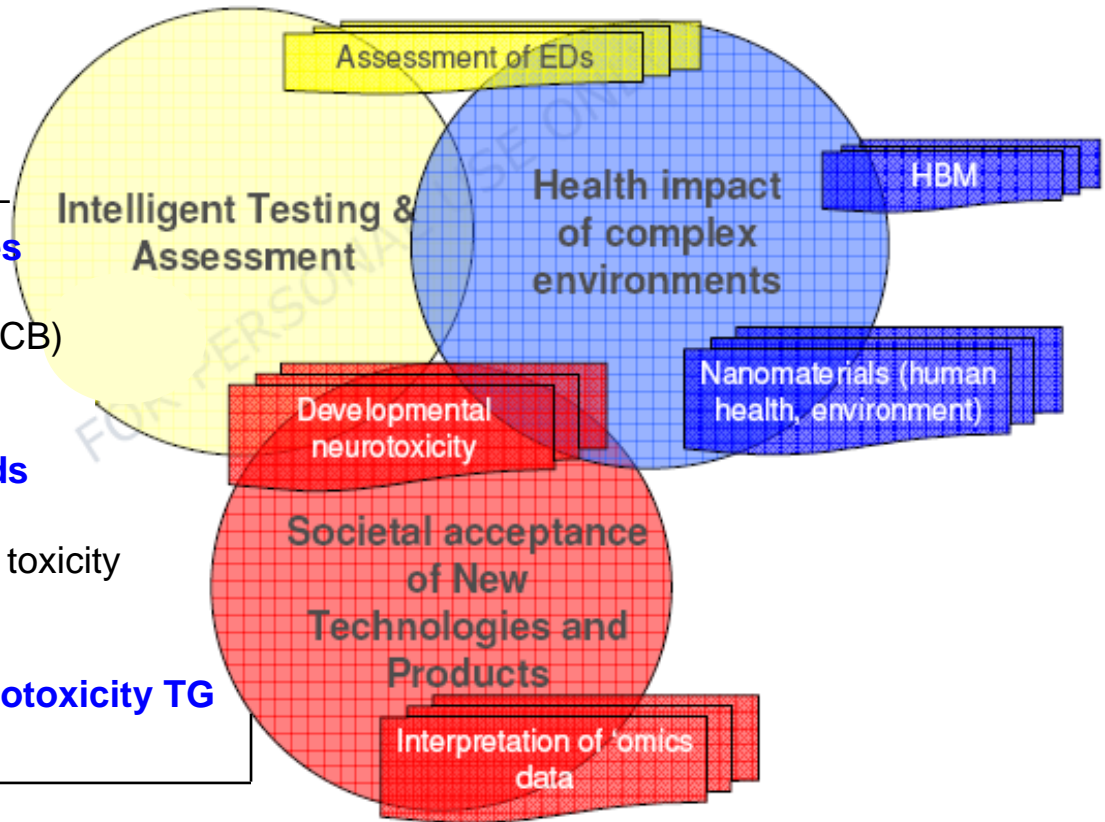
- Product Stewardship Guidelines ✓ complete
- System & Implementation plan ✓ complete
- Methods for conducting a risk based assessment ✓ pilot
- Extended GPS membership since 2006 in progress
- IT portal for data sharing being built in progress
- GPS Safety summaries in progress
- Close gaps and identify emerging issues in progress
- Performance tracking & reporting in progress
- Capacity Building Workshops in progress
- **Partnerships to help meet the 2020 goal** **in progress**

Research to improve current methodology

Long-Range Research Initiative (LRI)



Long-range Research Initiative (LRI) programme



Computational tools / databases

- OECD (Q)SAR Toolbox
- AMBIT to support ToxMatch (ECB)
- RepDose and PBPK database

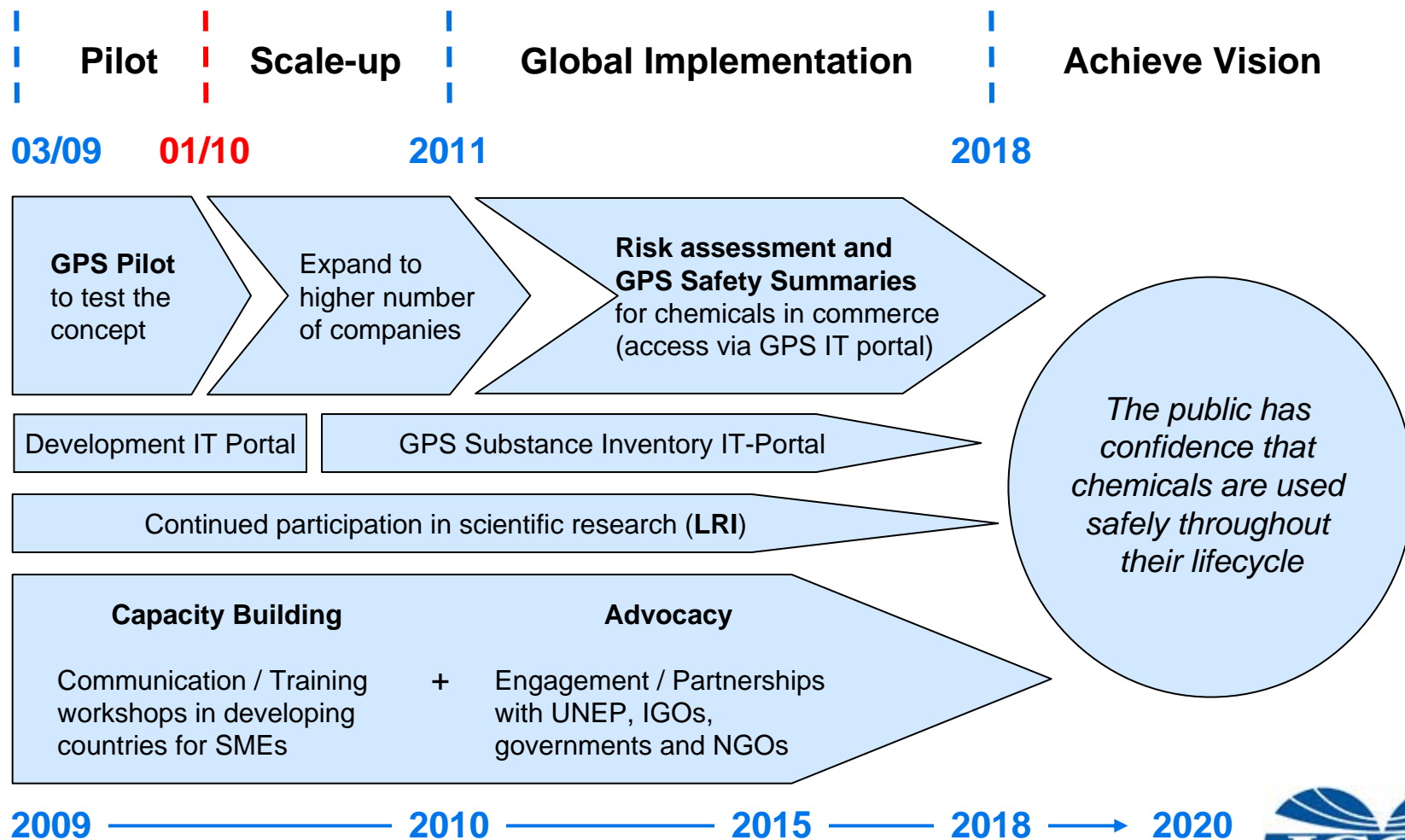
Development of in vitro methods

- Cell systems for DNT
- Cell lines for acute and chronic toxicity
- Use of toxicogenomics

New design of mammalian reprotoxicity TG

- Extended 1. Generation TG

GPS Implementation till 2020 - Phased Approach



GPS Performance monitoring

Illustrative Criteria:

Have members identified & completed risk characterization for high priority chemicals?

Are members working with supply chain partners to facilitate the flow of safe handling information, and to evaluate and mitigate risks?

Have members verified that appropriate risk management programs operating at Downstream Users ?

etc New Industry metrics for GPS Being Piloted Building upon RC performance reporting

Reports

- Not started
- In development
- In progress
- Implemented
- Being updated




The Challenges are not surprising

- Lack of appropriate expertise and resources
- Lack of data and scientific information
- Lack of mature risk management models
- Lack of compliance infrastructure
- Lack of regulatory harmonization
- Other



Global Product Strategy (GPS) – Industry's global contribution to SAICM

Global Product Strategy (GPS)

- 
- ◆ **Regulatory initiatives**
 - EU REACH
 - US TSCA
 - US ChAMP
 - Canadian DSL
 - Japan CSR
 - GHS
 - etc.
 - ◆ **Voluntary initiatives**
 - Responsible Care
 - ICCA HPV
 - Base Set of Information
 - OECD / SIDS
 - LRI
 - etc.
 - ◆ **Cooperation**
 - UNEP
 - UNIDO
 - OECD
 - NGOs
 - ICCA internal
 - etc..

Globally consistent approach that accommodates national, historical, cultural and regulatory differences

