



Global Product Strategy

CHÉMIA 2014

Liptovský Ján, 24 - 26 September 2014



cefic

Summary



- **Background**
- **Basics of GPS**
- **GPS Implementation: guidance and tools**
- **Performance review: statistics 2014**
- **GPS implementation in Europe: particularities**
- **Conclusions**



Background

ICCA Global Charter



The International Council of Chemical Associations (ICCA) has launched in 2005 the Responsible Care Global Charter (RCGC) as an industry contribution to the SAICM:

- **Industry commitment to improve EHS performance**
- **Meeting and going beyond legislative and regulatory compliance**
- **Adopting voluntary initiatives with governments and other stakeholders**
- **The RCGC has 9 strategic elements**

RCGC strategic elements



1. Adopt RC core principles
2. Implement fundamental features of national RC programmes
3. Commit to advancing sustainable development
4. Continuously improve and report performance
5. **Enhance the management of chemicals worldwide**
6. Champion and facilitate the extension of RC along chemical industry supply chain
7. Actively support national and local RC governance processes
8. Address stakeholder expectations about chemical industry activities and products
9. Provide appropriate resources to effectively implement RC



Basics of GPS

ICCA vision - Global Product Strategy



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

- **Established a base-set of hazard and exposure information adequate to conduct safety assessments for chemicals in commerce**
- **Provided global capacity to implement best assessment practices and management procedures, especially in developing countries**
- **Shared relevant product information with downstream users, governments and the public**
- **Worked across the value chain so suppliers and customers can effectively evaluate the risks and enhance their performance**
- **Made information on chemicals publicly available (GPS IT-portal via <http://www.icca-chem.org/>.)**

Practical translation of the ICCA vision



- ✓ **All chemicals in commerce will be assessed by 2020 and information on safe use made available in a transparent way**
- ✓ **The Safety Summary is the document for communication**
- ✓ **ICCA IT Portal for safety summaries**
- ✓ **Aim in Europe: the substances registered by 2013 will have a safety summary published by the end of 2016**



GPS Implementation: guidance and tools

Benefits of GPS implementation



- ✓ **Recognition for all the work done by industry in regulatory programs**
- ✓ **Increase risk assessment expertise and occupational safety standards**
- ✓ **Strengthen relationships with customers, authorities, public**
- ✓ **Anticipate regulations and lower compliance costs**
- ✓ **Reduce liability issues**
- ✓ **Secure competitive advantage**

GPS Guidance on Risk Assessment



Section One: Preparation

- Step 1: Select chemicals for assessment
- Step 2: Gather information
- Step 3: Prioritize chemicals into Tiers
- Step 4: Develop Tier-relevant information
(“Base Set of Information”)

Section 2: Implementation

- Step 5: Characterize Hazard
- Step 6: Assess Exposure
- Step 7: Conduct Risk Characterization
- Step 8: Document outcome
(GPS Safety Summary)

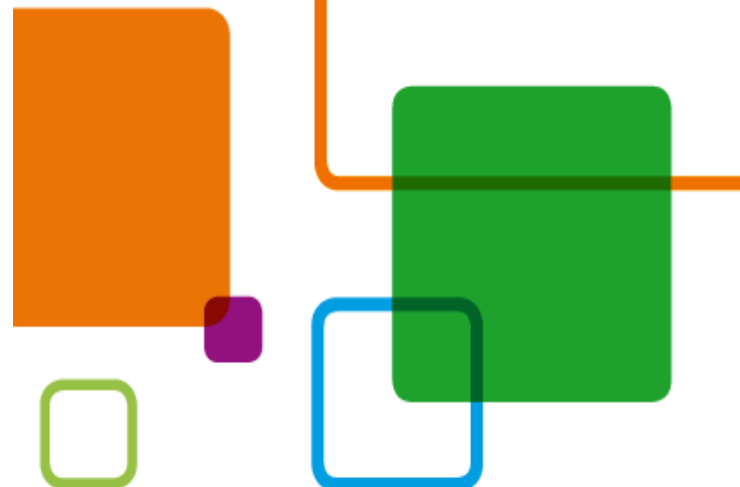
- Addendum 1: Assessing toxicity of mixtures
- Addendum 2: Workplace risk assessment



Global Product Strategy

ICCA Guidance on Chemical Risk Assessment

Product Stewardship in action:
Sound chemicals management is a global responsibility



2nd Edition - 2011

GPS Communication - Safety Summary



- **The result of the risk assessment is communicated via Safety Summary**
- **The summary should be fairly basic and understood by a layman**
- **Compilation of relevant risk characterization and risk management information in an easily understandable format**
- **To be communicated to employees, downstream customers, the public and other interested parties**
- **Regional flexibility will apply in the content of the GPS Safety Summary, it is up to the company to define the relevant information and layout but should include some basic elements**
- **The GPS Safety Summary does not replace required technical communication documents such as the Material Safety Data Sheet (MSDS)**
- **The Safety Summaries can be downloaded from the GPS IT Portal**

Safety Summary – target audience



- ✓ **Downstream industry**
- ✓ **SME's and trade organizations in developing and emerging economies**
- ✓ **Technical Institutions in Developing Countries and Emerging Economies**
- ✓ **University Teachers / School Teachers / Students**
- ✓ **NGO's**
- ✓ **Governments**
- ✓ **Interested non-professional stakeholders**
- ✓ **SAICM stakeholders**
- ✓ **Healthcare professionals**



Cefic conversion template

- ❖ In EU countries the REACH registration dossier is the basis for the Safety Summary
- ❖ To help companies preparing Safety Summaries from REACH dossiers, Cefic developed and published a conversion template



GPS Safety
Summary Conversion Template

- Guidance on what to include in the different headers
- Clear information on what could be obsolete
- Focus on professional and consumer use and applications
- Additional guidance for low hazard / low volume substances

ICCA GPS IT portal



GPS IT Portal was launched in 2010, improved in 2014, along with launch of the GPS webpage

<http://www.icca-chem.org/en/Home/Global-Product-Strategy/global-product-strategy/chemical-information-search/>

<http://www.icca-chem.org/en/Home/Global-Product-Strategy/>

- **Improved functionality of the ICCA GPS IT Portal**
- **New service provider for development and maintenance**
- **Corrected existing bugs**
- **More effective user registration process**
- **Better SEARCH function**
- **Video explaining the upload step by step**

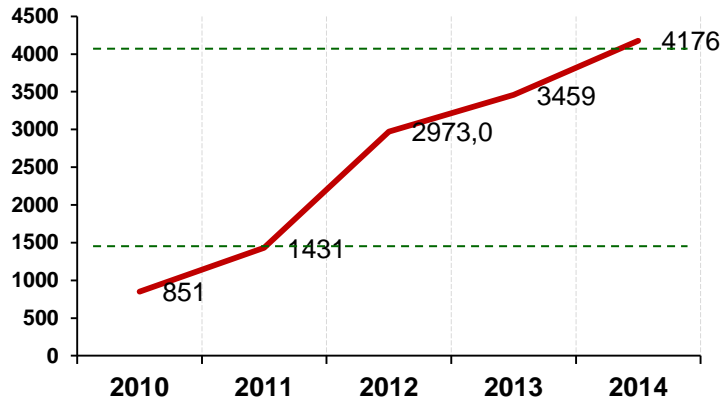
<http://www.icca-chem.org/en/Home/Global-Product-Strategy/global-product-strategy/Step-by-step/>

As a result, it is easier to register, search and navigate on the GPS IT Portal!



Performance review: statistics 2014

GPS Statistics end Q2 2014

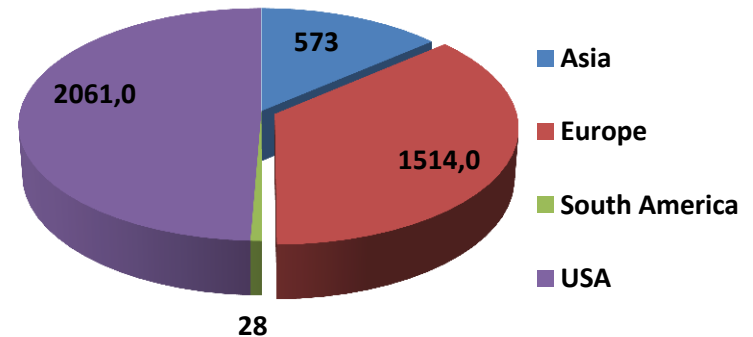


Trend in number of uploads of the GPS Safety Summaries

- By the end of Q2 2014, the upload of the GPS Safety Summaries almost doubled comparing to the entire 2013

Distribution of GPS Safety Summary uploads per region

- US remains the leader with 50% of the total number of Safety Summaries
- In Europe, in Q1 and Q2 2014 altogether, the number of Safety Summaries was higher than the entire year 2013
- Asia performed very well, uploading in the Q1 and Q2 2014 more than it uploaded in 2010 – 2013 altogether





GPS Implementation in Europe: particularities

GPS Implementation in Europe



GPS is a global commitment to improve:

- 1. Risk management of chemicals globally: Companies assess, take risk reduction measures, communicate safe use**
- 2. Knowledge and Transparency of chemicals: ICCA IT Portal**

Safety Summaries serves the purpose for both 1 and 2

Special situation for GPS implementation in the EU:

- ✓ **The Risk management is fulfilled by REACH obligations**
- ✓ **Knowledge and Transparency still needs to be done in EU**

Flagship initiative



- ❖ **Cefic project to keep up the reputation of the Chemical industry**
- ❖ **EU implementation of GPS is part of the Flagship initiative**
 - ✓ **Renewal of commitment to GPS as part of ICCA contribution to SAICM**
 - ✓ **By 2018 all Cefic members should have uploaded safety summaries for REACH registered substances placed on the market**

Why a Flagship initiative?



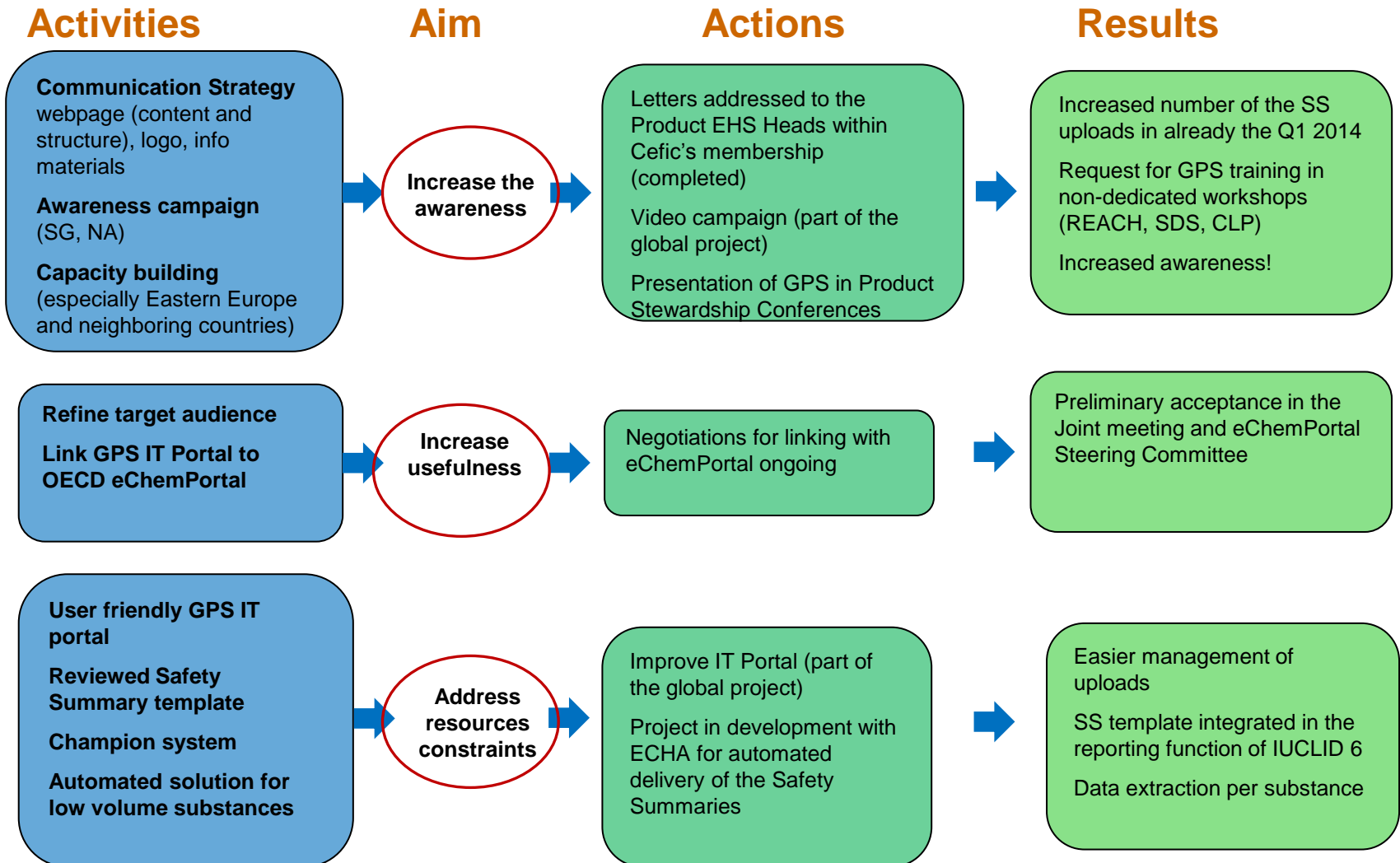
The initiative would:

- ✓ Renew commitment
- ✓ Raise the profile to get broader company buy-in
- ✓ Engage national associations

The Project aims to:

- ✓ Commitment to make safety summaries publically available for chemicals in commerce by 2018
- ✓ Sharing information throughout the value chain
- ✓ Improving chemicals management globally (capacity building)

Global Product Strategy – Cefic’s Flagship project



Raising awareness – actions and outcome



Customized letters within Cefic's membership addressed to the EHS heads of the ACOM and RCGC signatories

- Letters sent out in December 2013

Outcome:

- 92 GPS Safety Summaries uploaded in January 2014
- 360 GPS Safety Summaries uploaded by the end of May 2014

GPS Communication campaign **ICCA wide** - June 2014 (follow-up to the campaign launched in January 2013)

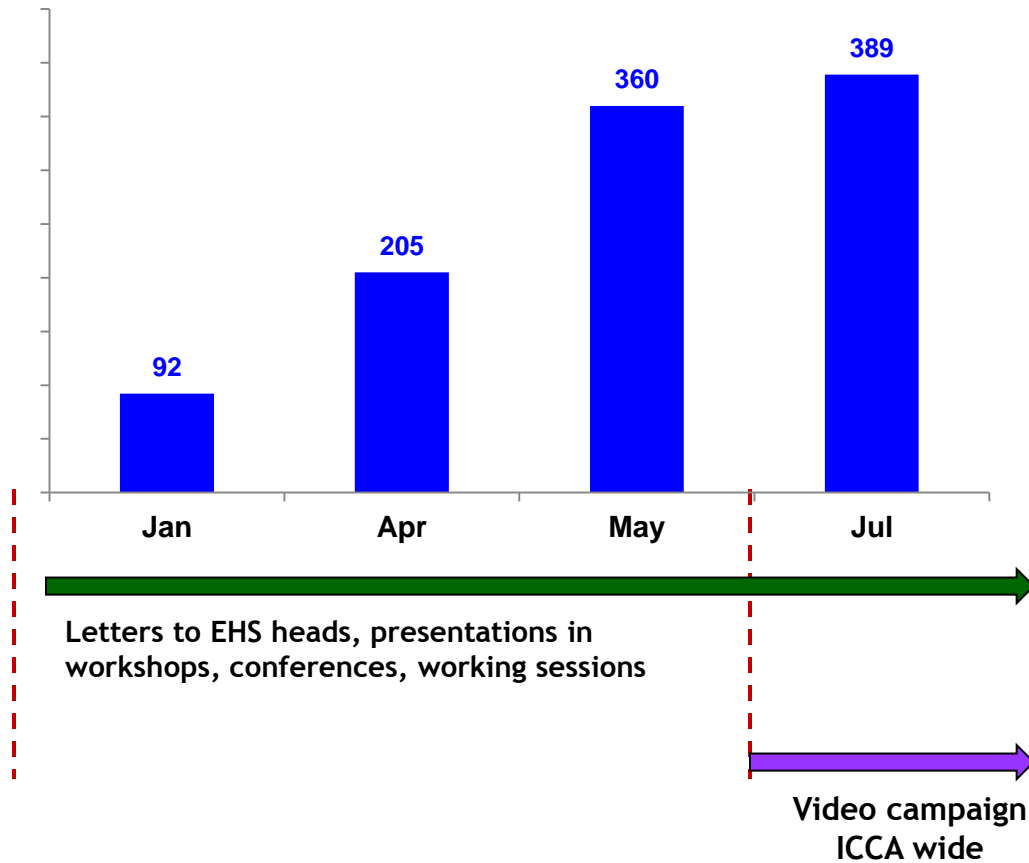
- motivational video promoting the GPS IT Portal
- emailer highlighting the value of each companies' contribution

Outcome (data from July 2014):

- 389 GPS Safety Summaries uploaded from EU

Globally, 717 Safety Summaries have been uploaded by the end of July 2014

Results of the awareness campaign 2014 in EU



Increase usefulness



Linking the GPS IT Portal to the OECD eChemPortal

- OECD eChemPortal aims to be the leading portal for information on chemicals
- Agreement in CP&H to explore the possibility of linking the GPS IT Portal to OECD's eChemPortal
- Discussion ongoing with OECD:
 - ✓ *OECD agrees with ICCA application*
 - ✓ *ICCA agrees to promote the new eChemPortal functionality & tutorials within the frame of the GPS project*

Application on hold, as completing the first step of the project with ECHA would endorse this initiative

Address resources constraints



Improved functionality of the ICCA GPS IT Portal

(presented at slide 15)

Project with ECHA (automated generation of the GPS Safety Summaries)

Technical possibilities :

1. Company specific information
2. Substance specific information

Status:

1. Company specific information – extracted within the frame of the IUCLID 6 development. GPS Safety Summary Template will be integrated in the IUCLID 6 reporting function – final discussions ongoing, expected to be tested Q2 2015
2. Substance specific information – extracted within the frame of REACH data dissemination (Substance Brief Profile): discussion ongoing, concrete agreement with ECHA to be reached by 2015 (after closing the public consultation process)



Progress to date

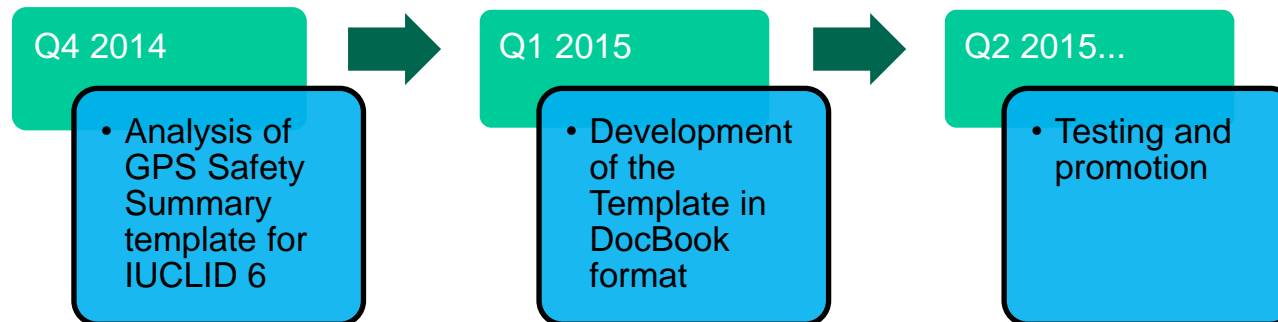
Action points and planning

ECHA provides an update on the extractable info (based on the current template specifications - by 15 October 2014)

Cefic to consult members about the possibility to store specific GPS Safety Summary information in a dedicated IUCLID 6 form and provide feedback to ECHA (by end of November 2014)

Cefic to liaise with the IUCLID working group for the Pilot Testing

ECHA/ Cefic next meeting with the IUCLID developer (December 2014)



Project with ECHA: overall planning

Conclusions



- ✓ **Industry has made important commitment in SAICM**
- ✓ **Significant progress over past years**
- ✓ **Particularly good performance in 2014**
- ✓ **Cefic' Flagship initiative: new implementation strategy**
- ✓ **Project with ECHA: bring more support to the companies**



ICCA website:

www.icca-chem.org

ICCA GPS Guidance on Risk Assessment:

<http://asp.zone-secure.net/v2/index.jsp?id=598/765/8216&lng=en>

ICCA IT portal

<http://www.icca-chem.org/en/Home/ICCA-initiatives/global-product-strategy/chemical-information-search/>

Cefic website:

<http://www.cefic.eu/>



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