17th Brazilian Responsible Care® Congress
17o Congresso de Atuação Responsável®

Patrick Vandenhoeke, Solvay N.A.
Responsible Care® Leadership Group Chairman
2018 August 15/16 - São Paulo
RC® is a key pillar of ICCA

• The International Council of Chemical Associations (ICCA) is the Worldwide Voice of the Chemical Industry, representing chemical manufacturers and producers all over the world.

• ICCA and its member associations (ACC-CEFIC-JCIA, ABIQUIM, etc), federations (ESSENCIA, IUC, VCI,) and companies (BASF, Solvay, Dow…) are working together to pave the way towards a more sustainable future and ensure the safety and protection of human health and the environment.
ICCA’s Operational Structure

**Global Executive Strategy Group**
- Kurt Bock, BASF (Chair)
- S Deuser, BASF (Secretary)

**ICCA Board of Directors**
- Harriolf Kottmann, Clariant

**ICCA Steering Committee**
- Marco Mensink, Cefic

**General Assembly**
- Harriolf Kottmann, Clariant

**Membership Group**
- Marco Mensink, Cefic – Cal Dooley, ACC – Hiroshi Watanabe, JCIA

**Energy & Climate Change Leadership Group**
- Bunro Shiozawa, Sumitomo (Chair)
- Seth Roberts, Dow (Vice Chair)
- M Murakami, Sumitomo / R Nonaka (Secretary/Coordinator)

**Responsible Care® Leadership Group**
- Patrick Vandenhoek, Solvay (Chair)
- Sohei Morita, Mitsui (Vice Chair)
- Debra Phillips, ACC (Secr)

**Chemical Policy & Health Leadership Group**
- Martin Kayser, BASF / Mike Witt, Dow (co Chair)
- Stefanie Deuser, BASF (Secr)

**Communications Leadership Group**
- Irene van Luijken, Cefic / Anne Kolton, ACC (co Chair)
- Sarah Scruggs, ACC (Secr)

**Trade Policy Network**
- Lisa Schroeter, Dow / Matthias Blum – Johann Peter Nickel, VCI (co Chair)
- René van Sloten, Cefic (Secr)

**ICCA Council**
- Secretary
  - Marco Mensink, Cefic

**Extended Secretariat**
- R Baio - S Gören - S Kohno – M Walls

**OPCW Membership Group**
- Marco Mensink, Cefic
- Cal Dooley, ACC
- Hiroshi Watanabe, JCIA

**Mike Walls/ACC (contact point)**
30 Years of Responsible Care® Evolution

- **1985**: Canadian Origins
- **1988**: Early Global Growth
- **1993**: Earth Summit
- **1993**: ICCM - 1 RC Global Charter GPS
- **2006**: New regional focus: India, China, Africa
- **2006**: 2006 Global Charter Global Product Strategy
- **2013**: Recognition in Agenda 21
- **2017**: Rapid Growth in Asia/South America
- **2017**: Evolution Sustainability Linkages

- **1985**: Adopted in Canada
- **1988**: Expansion to US/Europe
- **1993**: Recognition in Agenda 21
- **2006**: China
- **2013**: Egypt
- **2017**: SE Asia
- **2017**: Sustainability Linkages
A Corporate Leadership Culture that proactively supports safe chemicals management through the global Responsible Care initiative

Safeguarding People and the Environment by continuously improving our environmental, health and safety performance; the security of our facilities, processes and technologies; and by driving continuous improvement in chemical product safety

More informations in Annex 1

4 Influencing Business Partners to promote the safe management of chemicals within their own operations

5 Engaging Stakeholders, understanding and responding to their concerns and expectations for safer operations and products and communicating openly on our performance and products

6 Contributing to Sustainability through improved performance, expanded economic opportunities and the development of innovative technologies and other solutions to societal challenges
Main RCLG objective is Capacity Building

http://www.icca-chem.org/

- As of May 2017:
  - 62 RCLG Members
  - Associations

Since ICCM1 in 2006, ICCA has provided capacity building support for 172 projects in 46 countries, totaling more than US$1.8 million by 2015.

Details at: History capacity building since 2006; more than 170 local workshops
Why no unique global RC® code?

• RC is at the Chemistry, what traffic codes are at the road transport
• Each country develops its own national traffic code
• They are all different, but all are achieving the same goal, regardless if left or right hand driving: drive safely
• Most countries/chemical associations develop their own RC management framework, but achieving the same goal: manage chemicals safely
Responsible Care on the Ground

The example of the American Chemical Council 7 RC© Codes

- **C A E R**
- **Pollution Prevention**
- **Process Safety**
- **Distribution**

- **Employee Health and Safety**
- **Product Stewardship**
- **Security**
Community Awareness and Emergency Response Code

- Initiate/maintain a community outreach program to openly communicate relevant and useful information.
- Develop an emergency response plan.
Pollution Prevention Code

-Reduce the amount of all contaminants and pollutants released to the air, water and land.
-Reduce the amount of wastes generated at facilities.
-Manage the remaining wastes and releases.
Prevent fires, explosions and accidental chemical releases.
Distribution Code

Reduce the risk that the transportation and storage of chemicals poses to the public, carriers, customers, contractor and company employees, and to the environment.
Employee Health and Safety Code

Protect and promote the health and safety of people working at sites or visiting member company work sites.
Manage the products safely and with minimal environmental impact at each stage in their life cycle.
Manage the security of the physical site, the supply chain and the IT systems and process controls.
The Strategic Approach to International Chemicals Management (SAICM) is a multistakeholder initiative that helps countries voluntarily manage chemicals within their borders to reduce their harmful impact on human health and the environment.

ICCA/RCLG collaborates with SAICM, which is a UN Environment policy framework. More informations in Annex 2 & 3.
The RC® Link with Sustainability

RC IS THE NECESSARY BUT NOT SUFFICIENT PART OF SD
RC® is a vital foundation for sustainability
Building a house starts with the beginning.
What if not starting with the beginning?

RC® is a vital foundation for sustainability

RC® is the necessary but not sufficient condition to achieve chemical sustainability
Contributions to the SDGs according to ICCA/RCLG

1. ENHANCE ACCESS TO INFRASTRUCTURE TO PROMOTE ECONOMIC GROWTH AND EMPLOYMENT
   - Strengthen a risk-based chemical management system and participate in capacity building for safe management of chemicals to achieve better performance.

2. IMPROVE ACCESS TO INFORMATION FOR ALL
   - Implement management policies through a series of systems, codes, policies or guidance documents to assist companies achieve better performance.

3. ENSURE HEALTHY LIVES AND PROMOTE WELL-BEING FOR ALL AT ALL AGES
   - Protect workers and local community by applying the RC programme and improve health and safety down the supply chain by implementing the GPS as a product stewardship tool.

4. ENSURE ACCESS TO WATER AND SANITATION FOR ALL
   - Reduce water consumption and apply an efficient water treatment of sewages.

5. ENSURE SUSTAINABLE CONSUMPTION AND PRODUCTION PATTERNS
   - Implement management policies through a series of systems, codes, policies or guidance documents to assist companies achieve better performance.

15. SUSTAINABLY MANAGE FORESTS, COMBAT DESERTIFICATION, HALT AND REVERSE LAND DEGRADATION, HALT BIODIVERSITY LOSS
   - Multi-stakeholder knowledge sharing.

17. REVITALIZE THE GLOBAL PARTNERSHIP FOR SUSTAINABLE DEVELOPMENT
   - Strengthen a risk-based chemical management system and participate in capacity building for safe management of chemicals to achieve better performance.
The Chemical industry is a solution provider

- ICCA GLOBAL CHEMICAL INDUSTRY CONTRIBUTIONS TO THE SUSTAINABLE DEVELOPMENT GOALS
Is RC becoming inessential?

- Our ability to innovate and contribute to a sustainability agenda will fall flat if we don’t continue to dedicate ourselves to **safely managing our operations and products through Responsible Care**.

- Just as an example; a company CSR cannot replace HR, same way **you cannot replace RC with sustainability**.

- As we move towards a sustainable economy and tackle things like Industry 4.0, **Responsible Care will remain the foundation of our industry’s contributions** – by establishing strong practices for our environmental, health, safety, and security performance for facilities, processes and products throughout the value chain – and committing to continuously improve these practices.
Chemical manufacturers have an outsized role in the sustainable development debate because (chemical) sustainability cannot happen without us (Responsible Care®). But, we (as industry) must operate as though we are sitting in the driver’s seat accepting and leading in this critical role, as opposed to being comfortable to go along for the ride.
Thank You for your Attention!
SIGNATORIES to the Responsible Care® Global Charter commit to actively strengthen Responsible Care worldwide by dedicating their company, people, technologies and business practices to the Charter's Six Elements:

1. **A Corporate Leadership Culture** that proactively supports safe chemicals management through the global Responsible Care initiative.
   - Charter signatories commit to provide leadership and resources to:
     - Implement Responsible Care principles and practices whenever the company manufactures or sells products.
     - Participate in national Responsible Care programmes where the company has significant business activities.
     - Contribute to the further expansion of Responsible Care in other regions where the company has significant business activities.
     - Promote industry and public awareness of Responsible Care.
     - Provide practical support and share best practices to enable other parties to successfully implement Responsible Care.

2. **Safeguarding People and the Environment** by continuously improving the environmental, health and safety performance and security of our facilities, processes and technologies and by driving continuous improvement in chemical product safety and stewardship throughout the supply chain.
   - Charter signatories commit to:
     - Implement corporate principles, policies and procedures to safeguard employees, contractors, the public and the environment.
     - Time for continuous improvement with respect to workplace health and safety, public safety, process safety, environmental performance and the security of the company's facilities and products.

3. **Strengthening Chemicals Management Systems** by participating in the development and implementation of lifecycle-oriented, science- and risk-based chemical safety legislation and best practices.
   - Charter signatories commit to:
     - Managing the safety of chemical products in accordance with the requirements of the ICCA Global Product Safety (GPG) Initiative.
     - Actively collaborate in the development and implementation of effective, risk-based chemicals management policies, regulations and performance standards.
     - Provide active participation in capacity building initiatives to advance the safety management of chemicals across the globe.

4. **Influencing Business Partners** to promote the safe management of chemicals within their own operations.
   - Charter signatories commit to:
     - Drive continual improvement in product safety and stewardship processes and management.
     - Provide information and assistance to enable safe chemicals management along the value chain.
     - Collaborate with chemical users on monitoring and improving processes for the safe and effective use of chemicals.

5. **Engaging Stakeholders** and understanding and responding to their concerns and expectations for safer operations and products and communicating openly on our performance and products.
   - Charter signatories commit to:
     - Engage stakeholders to understand and respond to their concerns and expectations about chemical manufacturing and product safety.
     - Provide stakeholders with company performance and product safety information.
     - Provide performance information to national and international Responsible Care organisations to facilitate effective dialogue with the industry stakeholders.

6. **Contributing to Sustainability** through improved performance, expanded economic opportunities and the development of innovative technologies and other solutions to societal challenges.
   - Charter signatories commit to:
     - Implement corporate principles, policies and procedures to drive continuous improvement in waste management, greenhouse gas emissions and the efficient use of resources including energy, raw materials and water.
     - Promote the importance of chemicals in improving quality of life and contributing to sustainable development.
     - Participate in initiatives which can assist Responsible Care as a contributor to sustainable development and encourage others to make their own contributions to sustainability.
ANNEX 2 : SAICM’s qualitative objectives

SAICM aims at ensuring the sound management of chemicals throughout their life cycle. There are no specific reduction targets or quantitative goals.

- Reducing the risk to human health and the environment associated with chemicals
- Ensuring that knowledge and information about chemicals and chemicals management are sufficient to enable chemicals to be adequately assessed and managed safely throughout their life cycle
- Promoting appropriate governance of chemicals through actions such as domestic enforcement of laws, coordination between relevant departments that deal with chemicals, and inclusion of a variety of stakeholders, such as civil society, in domestic processes
- Building capacity in developing and transitional economies to safely manage chemicals
- Fostering technical cooperation on how to manage chemicals safely
- Preventing illegal international traffic in chemicals, a potential problem in countries that lack effective management strategies
ANNEX 3: ICCA RCLG and SAICM 2020 Milestones

The global chemical industry paves the way towards sound chemicals management and sustainability.

1. We have begun work with the Indian chemical industry to raise Responsible Care in the region. The Indian chemical industry is expected to reach US $200 billion by 2020.
2. We have increased the Responsible Care family to more than 60 participating economies in 58 associations around the globe.
3. We continue to improve our performance. Responsible Care companies have reduced the than 20% drop in air emissions.
4. We are working to expand Responsible Care in all regions by having more building workshops in China, Kenya, and Tanzania.
5. We plan to expand Responsible Care to 80 countries over the next two years.
6. We provided support for 172 capacity building projects in 46 countries since 2006, totaling more than US $1.4 million.
7. We published the ICCA Regulatory Toolbox in 2013 to help developing countries more efficiently implement chemical management practices while addressing cost and complexity.
8. We enhanced cooperation with the Organization for the Environment and the Environmentally Responsible Care in new regions.
9. We are helping developing countries create a sustainable foundation for social and environmental health and economic prosperity by working with them to enhance their capabilities to manage chemicals safely.

The SAICM Journey: 20 Milestones to 2020

1. We develop countless products that improve people’s lives, enabling them to reach new heights of sustainability.
2. We support more than 25 million people around the world directly and indirectly employed by our industry.
3. We have improved our environmental performance. Since ICCC-1 in 2006, Responsible Care® companies have reduced chemical-related transportation emissions by 30%.
4. We have conducted workshops on Responsible Care in Myanmar and Sri Lanka.
5. We adopted the ICCC-2 in 2012, replacing Responsible Care Global Charter with a more comprehensive set of chemical safety principles.
6. We welcomed China, the world’s largest chemicals manufacturer, to the Responsible Care family in 2014. Chemical production and consumption rates in China are among the highest in the world.
7. We have improved our performance. Responsible Care companies have reduced the than 20% drop in air emissions.
8. We have increased the Responsible Care family to more than 60 participating economies in 58 associations around the globe.
9. We continue to improve our performance. Responsible Care companies have reduced the than 20% drop in air emissions.
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The International Council of Chemical Associations (ICCA) is an association of innovators, creators, solutions providers, and product stewardship professionals. ICCA provides opportunities to realize some of the world’s greatest challenges. Our shared mission is to help our industry to reach new heights of sustainability.