

# Responsible Care® expansion in Africa

# Outline of presentation

- Introduction to Responsible Care®
- International Council of Chemical Associations
- Responsible Care ® expansion in Africa project



**Responsible Care®**  
OUR COMMITMENT TO SUSTAINABILITY

# Introduction to Responsible Care®

## Origin of Responsible Care®

- Bhopal incident in India, 1984
  - Night of 2 and 3 December, 1984;
  - 27 tons of Methyl Isocyanate leaked;
  - Six safety systems none operational;
  - Half a million people exposed;
  - 20 000 died to date;
  - 120 000 still suffering, blindness, breathing and genetic disorders; and
  - Site has not been cleaned up due to the risk associated.



# Introduction to Responsible Care®

## Origin of Responsible Care®

- Canadian Chemical Producers Association (CCPA), 1985
  - Introduced a Chemical Industry own unique voluntary program named Responsible Care® to help raise our standards in:
    - ❖ Safety;
    - ❖ Health;
    - ❖ Environment;
    - ❖ Security; and
    - ❖ Sustainability.
  - And to gain trust from the public and other stakeholders.
  - The chemical industry commits to:
    - ❖ Protect people and the environment;
    - ❖ Promote safe secure handling and stewardship of chemicals along the supply chain; and
    - ❖ Improve our performance.



# Introduction to Responsible Care®

## Benefits of Responsible Care®

- Ensures operational efficiency and overall economic performance;
- Helps to reduce emissions and process safety incidents and other potentially „tragic“ events;
- Ensure safety of employees and communities;
- Essential to ensure that customers and consumers handle our products safely;
- Strengthens credibility, liability protection and government recognition;
- Respond to stakeholder expectations;
- Protects license to operate and allow industry to continue to provide products to address societal challenges to improve peoples lifes (medical, agriculture, safe drinking water, energy efficient construction, lightweight materials etc); and
- Enables chemical industry to achieving the Sustainable Development Goals and supporting their national implementation.

# Introduction to Responsible Care®

## Responsible Care® programmes

- Responsible Care is an initiative of the chemical industry, not a government program;
- Companies and their representative federations voluntarily adopt Responsible Care; and
- National or regional Responsible Care programs are recognized by the International Council of Chemical Associations.

# Introduction to Responsible Care®

## Strategic approach to International Chemicals Management (SAICM)

- World Summit on Sustainable Development (WSSD), Johannesburg South Africa, 2000
  - 2020 Goal that chemicals will be used in ways that minimise significant adverse impacts on the environment and human health; and
  - Goal: Societal value and benefits of chemical products while public safety, health, environment and security are protected.
- United Nations Environment Programme (UNEP)
  - Developed SAICM to meet the WSSD 2020 goal on chemicals management;
  - SAICM is a policy framework with commitment from governments, industries, trade associations and inter-government organisations;
  - These stakeholders pledged to work in partnership to achieve chemical safety, fighting poverty, protecting vulnerable groups and advancing public health and human security.

# Introduction to Responsible Care®

## International Council of Chemical Associations (ICCA)

- United Nations International Conference on Chemicals Management (ICCM), Dubai February 2006
  - The ICCA affirmed the commitment of the global chemical industry to SAICM; and
  - The ICCA launches the Global Product Strategy (GPS) and the Responsible Care® Global Charter (RCGC).
- ICCM-4, Geneva in October 2015
  - Contributions through the ICCA to the success of SAICM were reviewed:
    - Expanding Responsible Care to over 60 countries and 500 global chemical companies;
    - Conducting over 195 RC and GPS capacity building workshops in 46 countries around world to enhance the ability of local industry to manage chemicals safely;
    - Publishing over 4600 product safety summaries on the ICCA website to provide interested stakeholders with more information about chemicals; and
    - Entering a Memorandum of Understanding with the UN Environment Programme to build capacity specifically in Africa to safely manage chemicals.

# Introduction to Responsible Care®

## ICCA – Responsible Care® Global Charter



**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	<b>A Corporate Leadership Culture</b> that proactively supports safe chemicals management through the global Responsible Care
2	<b>Safeguarding People and the Environment</b> 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.
3	<b>Strengthening Chemicals Management Systems</b> by participating in the development and implementation of lifecycle-oriented, sound-science and risk-based chemical safety legislation and best practices.
4	<b>Influencing Business Partners</b> to promote the safe management of chemicals within their own operations
5	<b>Engaging Stakeholders</b> , understanding and responding to their concerns and expectations for safer operations and products and communicating openly on our performance and products
6	<b>Contributing to Sustainability</b> through improved performance, expanded economic opportunities and the development of innovative technologies and other solutions to societal challenges.

# Introduction to Responsible Care®

## ICCA – Global Product Strategy



### The four pillars of the GPS

Through its signature capacity building workshops and accompanying guidance materials, GPS is designed to help those countries which may lack the capacity to manage chemicals safely to learn how to put that capacity into place – and maximize the social, economic and environmental benefits that come with a safe, strong and sustainable manufacturing industry. To accomplish our mission, we focus on achieving progress in four key areas

#### Product Stewardship

The responsibility to understand, manage and communicate the health and environmental impacts of chemical products at each point in their life cycle.

#### Risk assessment and risk management

The scientific evaluation of a chemical's hazards, uses and exposures to determine the probability that it will cause adverse effects under real-world conditions, which determines if steps are needed to reduce the risk of harm or misuse.

#### Stronger chemicals management globally

Promoting risk-based chemicals management through a mix of government rules, voluntary industry programs, and publicly-sponsored training and recognition programs, particularly in countries without robust chemical management systems.

#### Transparency

Providing health, safety and environmental information about chemicals to stakeholders and the public to enable customers, regulators and consumers to understand how chemistries can and should be used safely.

## Introduction

- The Global Chemical Industry PAVES the Way to Sound Chemicals Management and Sustainable Development
  - ICCA is an association of innovators, visionaries, solutions providers and product stewardship pioneers. Above all, we are optimists. What others see as challenges, we see as opportunities to solve some of the world's biggest problems through:
    - Products that have improved people's lives;
    - Actions under the ICCA's Global Product Strategy to improve chemicals management around the world;
    - Vision for global health, safety and sustainability under Responsible Care;
    - Expertise we are sharing through Capacity Building Workshops; and
    - Solutions we develop that lay a foundation for social and environmental health and economic prosperity.

## Mission, representation and structure

- ICCA's mission is "to help the global chemical industry improve financial performance and reputation by tackling global issues and by helping the industry to improve continuously its performance through Responsible Care® and other programs."
- ICCA represents chemical manufacturers and producers around the world. Our members account for more than 90 percent of global chemical sales, and more than 20 million people around the globe are employed directly or indirectly by our industry.
- ICCA is a virtual organization, coordinating the work of individuals from member associations and their member companies. We are governed by a Board of Directors representing member associations and a Steering Committee responsible for oversight of several working level groups.

# Responsible Care® expansion in Africa

## Expansion of Responsible Care® in Africa

- Accelerating the adoption of industry best practices in product safety and stewardship;
- Enhancing ICCA advocacy capabilities on sound chemicals management; and
- Expand the Responsible Care initiative into 3 -4 countries within 3 to 7 years.

## Vision



# Responsible Care® expansion in Africa

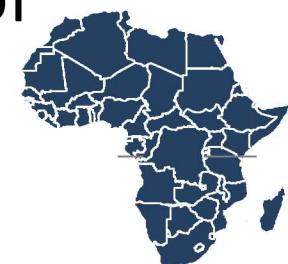
## Why Africa?

- SAICM has emphasized enhanced capacity for chemicals management in Africa since its inception in 2006, citing legacy chemicals, dumping, and post-consumer products disposal as important chemicals management issues;
- Many African countries lack basic chemicals management regulatory structures or fail to enforce those that have been promulgated; and
- Largely dispersed and unorganized chemical industry and the lack of natural host organizations, Responsible Care growth has stalled in Africa, with the program currently limited to the practicing countries of Morocco, Egypt and South Africa.

# **Responsible Care® expansion in Africa**

## **Responsible Care Africa Task Force structure**

- The Responsible Care Africa Task Force operates under the CP&H and RC Leadership Groups;
- BASF and Sasol are co-chairing the Task Force with Dow being the third company involved in the project;
- The ACC, CEFIC, Responsible Care® New Zealand and CAIA are the supporting associations of the Task Force; and
- A waste management company by the name of Enviroserv recently joined the Task Force.



# Responsible Care® expansion in Africa

## Project elements

### Responsible Care® in Africa

#### Expansion of Responsible Care®

- Identification of target countries.
- Identification of host organization.
- Set-up Responsible Care® with host organization.
- Delivering Responsible Care® within companies in the country/region.
- Ensure that Responsible Care® is sustainable and maintained in the country.

#### Capacity building on Responsible Care® and safe chemicals management through partnerships

- ICCA & UNEP MoU – Train-the-trainer project.
- OPCW partnership.
- IUPAC possible cooperation.
- Other activities to support the Responsible Care® expansion.

#### Special outreach projects

- To be determined.



# Responsible Care® expansion in Africa

## Current status of expansion activities

### Expansion of Responsible Care® - Identification of target countries

#### Eastern Africa:

- Kenya
- Tanzania

#### Western Africa:

- Nigeria
- Ghana
- Côte d'Ivoire

#### Southern Africa:

- Zambia
- Mozambique

#### Othern African countries:

- Algeria
- Cameroon

### KENYA – first target country for the Responsible Care® in Africa Task Force

- Displays the most advanced systems with respect to chemical legislation, management systems and enforcement in this region.

# Responsible Care® expansion in Africa

## Current status of expansion activities

Expansion of Responsible Care® - Identification of a host association in Kenya

### Kenya Association of Manufacturers (KAM)

- Pioneer and only representative and voice of the manufacturing value add industry in Kenya with a membership of over 900 organized in very active and vibrant sector and chapter groupings;
- The KAM Chemical and Allied sector is a ready target/host of the project;
- KAM has very strong governance structures that includes an active Board and Board Committees, a functional Secretariat and strong policies and procedures that guarantee prudent management and accountability of/for all resources at its disposal;
- The Association's membership is spread out in different parts of the Country and have functional regional chapter offices;
- Strong fact-based policy influence both nationally and at the sub-national level as well as in the region (read East African Community); and
- KAM has adopted an effective model that supplements advocacy/lobbying with direct service to members.

# Responsible Care® expansion in Africa

## Going forward

### In Kenya:

- Set-up Responsible Care® with KAM:
  - Workshops with KAM; and
  - Workshops including Support structure.
- Delivering Responsible Care® within companies in the country/region:
  - Awareness raising workshops;
  - Workshops to initiate Responsible Care implementation with Responsible Care® signatories;
  - Launch of Responsible Care® in Kenya; and
  - Registering Responsible Care® in Kenya with the ICCA.
- Ensure that Responsible Care® is sustainable and maintained in the country:
  - To be determined.

### Support structure:

- Kenya Chemical Society: Fulfill a training role on Responsible Care in Kenya to the chemical society and associated stakeholders;
- Kenya Accreditation Services: train and accredit auditors that will conduct Responsible Care third-party verification audits; and
- Kenya National Cleaner Production Centre: position Responsible Care® with government and fulfill a training role in this respect.

# Responsible Care® expansion in Africa

## Going forward

### In other target countries:

- Identification of possible host associations in:
  - Tanzania;
  - Nigeria;
  - Zambia; and
  - Algeria.

### Other:

- Outreach to other possible interested countries.

# Responsible Care® expansion in Africa

## Going forward

### In other target countries:

- Identification of possible host associations in:
  - Tanzania;
  - Nigeria;
  - Zambia; and
  - Algeria.

### Other:

- Outreach to other possible interested countries.



# End – Thank you

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**ICCA - 'TOGETHER, WE'RE TAKING  
ON THE WORLD'S TOUGHEST  
CHALLENGES'**