New European RC management framework and self-assessment tool

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The challenge after three decades of Responsible Care in Europe

1980 | 1990 | 2000 | 2010 | 2020

Roll out and implementation of Responsible Care in Europe

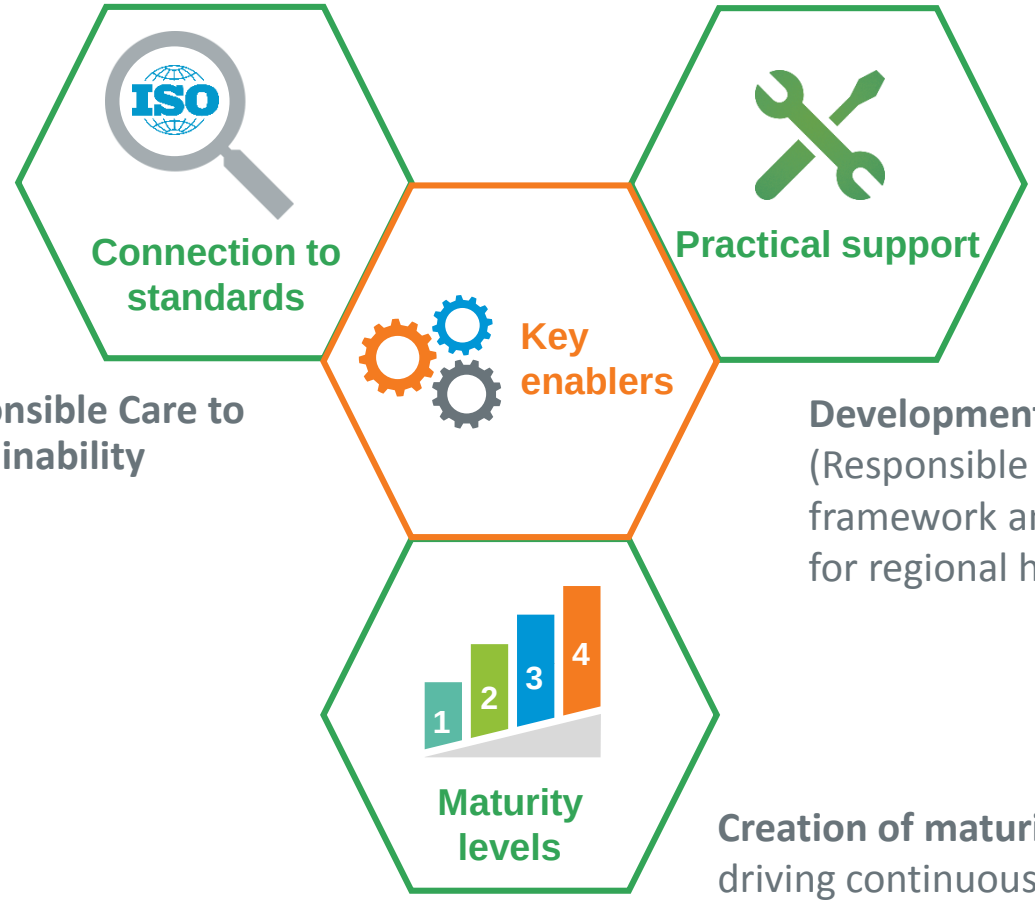
Implementation of HSE standards

2017
Responsible Care rejuvenation project initiates

Introduction of Corporate Social Responsibility and sustainable development strategies

Engineered by ARCADIS Design & Consultancy for natural and built assets

Core elements of the Responsible Care rejuvenation



Connecting Responsible Care to standards & sustainability principles

Development of practical support (Responsible Care management framework and self-assessment tool) for regional harmonisation

Creation of maturity levels driving continuous improvement

1. Connection of the Responsible Care Global Charter to standards & sustainability principles

EMAS GEPRÜFTES UMWELTMANAGEMENT

American Chemistry Council

RC14001

American Chemistry Council

RCMS

SUSTAINABLE DEVELOPMENT GOALS

Chemistry can

THE INTERNATIONAL COUNCIL OF CHEMICAL ASSOCIATIONS

Responsible Care® Global Charter

Responsible Care is the global chemical industry's unifying commitment to the safe management of chemicals throughout their life cycle, while promoting their role in improving quality of life and contributing to sustainable development.

As a signatory to the Responsible Care Global Charter my company will actively strengthen the Responsible Care initiative worldwide and is committed to:

1. **A Corporate Leadership Culture** that proactively supports safe chemicals management through the global Responsible Care initiative
2. **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 and stewardship throughout the supply chain
3. **Strengthening Chemicals Management Systems** by participating in the development and implementation of lifecycle-oriented, sound-science and risk-based chemical safety legislation and best practices
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

Company

CEO Signature Date

Responsible Care®

Approved by the ICCA Board of Directors, May 29, 2014

ICCA

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Only the English language version is the official document

CERTIFIED ISO 9001:2015 COMPANY

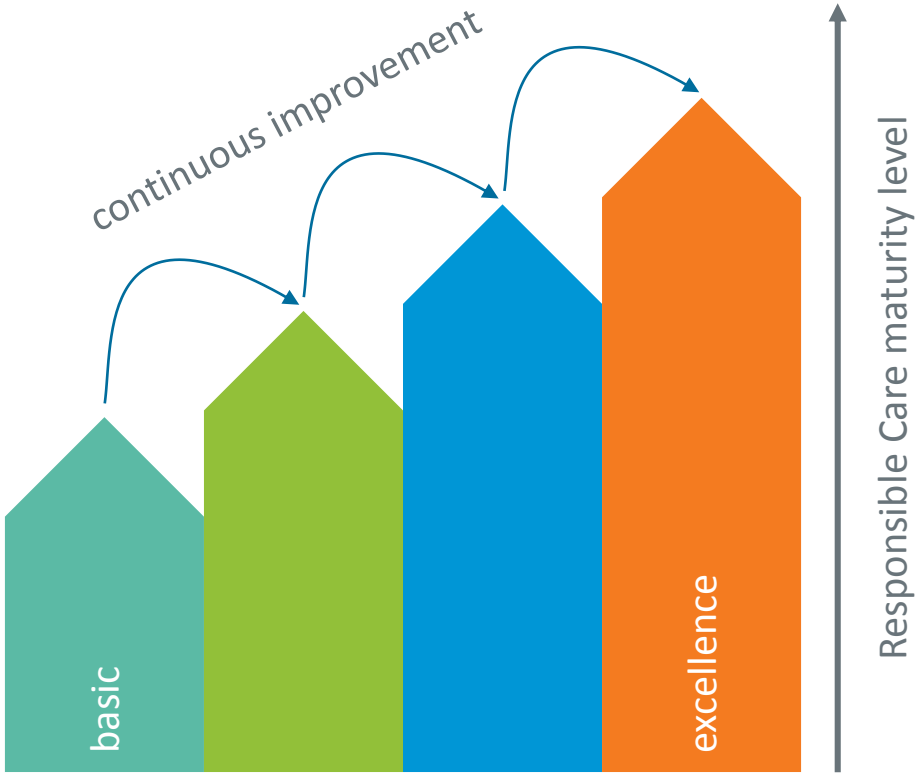
CERTIFIED ISO 50001:2011

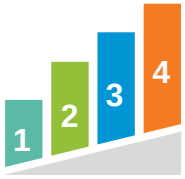
International Organization for Standardization ISO 14001

International Organization for Standardization ISO 45001

ISO 26000

2. Creation of maturity levels driving continuous improvement





Maturity levels

Level 1: Commit to Responsible Care

The candidate commits to Responsible Care and starts acknowledging the implementation steps

Level 2: Initiate and Plan

= PD: Planning and Doing: ad hoc actions

Level 3: Improve continuously

= PDCA: Planning Doing Checking and Acting: full management system approach

Level 4: Promote and Sustain Excellence

= Improved performance, improved effectiveness, share best practices, front runner

Examples of maturity levels: Safeguarding people and the environment

How are risks and exposures determined?

a) Not systematically, but compliant to applicable legislation.

b) Risk analyses are systematically applied to evaluate risks to employees related to processes, equipment and potential exposure to chemical, physical or biological agents.

c) Applied risk analysis are workplace specific and individual specificities (pregnant women, handicaps, young employees, etc.) are taken into account with respect of privacy/confidentiality laws and protection of medical data of these workers.

d) Good practices on risk analysis are promoted to business partners or through associations.

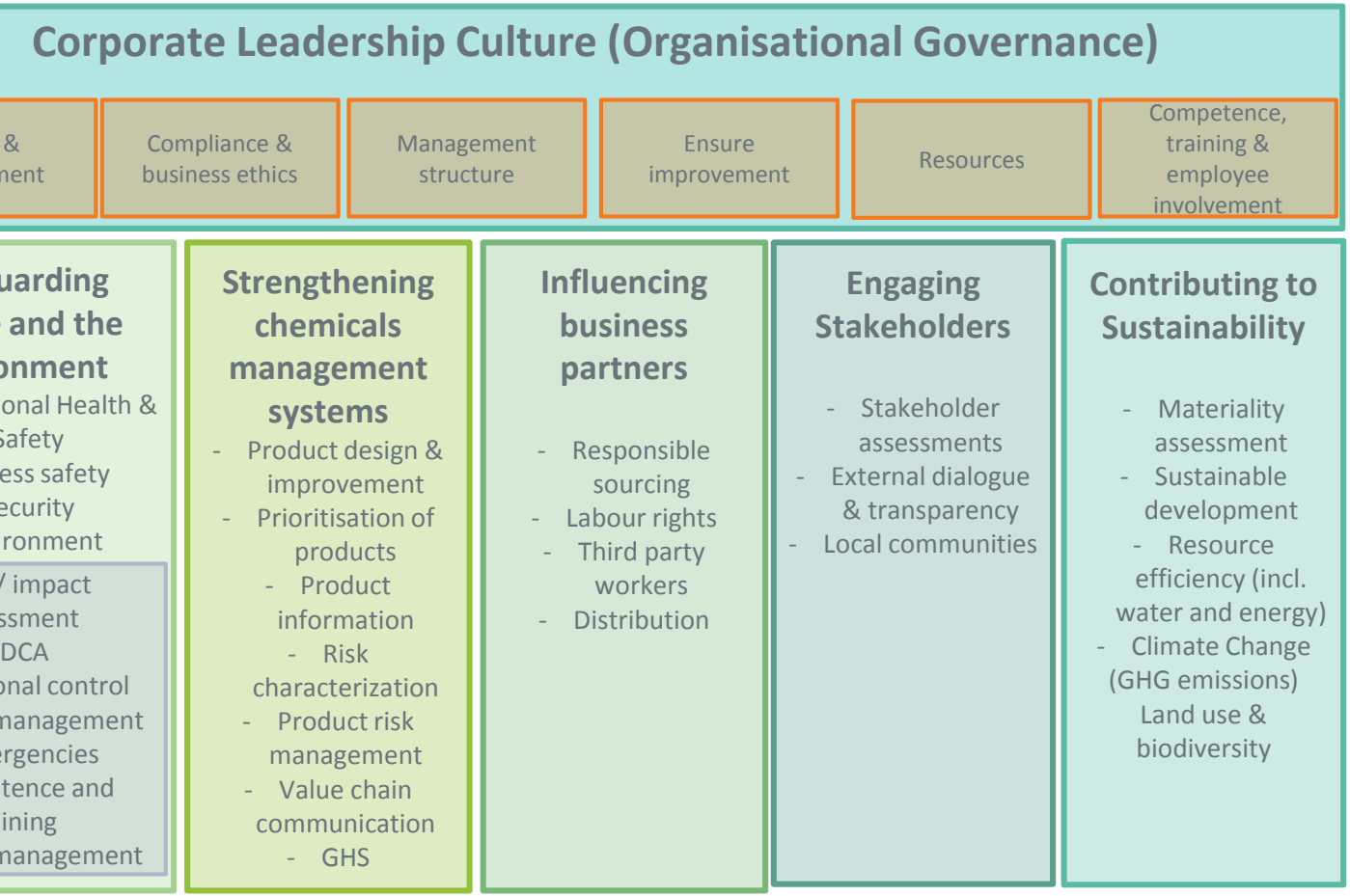
3. Development of practical support for regional implementation

- Management framework
- Self-assessment tool

Key characteristics

- User friendly
- Flexible – adaptable to regional needs
- Suitable for all size of companies
- Integrating existing national and international practices
- Respecting the unique Responsible Care characteristics

Structure of the management framework and self-assessment tool



The entire framework contributes to sustainability, specific focus questions are in chapter 6

What is the management framework?

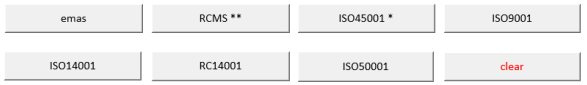
- A guidebook (PDF) which explains the requirements of Responsible Care:
  - what it is
  - who the main actors are
  - what maturity levels are
  - how to implement it according to the six elements of the Responsible Care Global Charter.

- Based on Deming Cycle (PDCA Cycle), achieving continuous improvement

What is the Responsible Care self-assessment tool?

A questionnaire with 101 multiple-choice questions in excel

- Pre-fill buttons when ISO Certified
- Four answers for each question, reflecting the four maturity levels
- Implementation tips provided
- Answers linked with international and market standards



How much time does it take?

Total time required: ave. 3 hours

Number of questions to complete manually once certified

79 questions when ISO 9001:2015 certified

70 questions when ISO 14001 certified

74 questions when ISO 45001 certified

81 questions when ISO 50001 certified

63 questions when ISO 9001:2015 + ISO 14001 certified

66 questions when ISO 9001:2015 + ISO 45001 certified

54 questions when ISO 9001:2015 + ISO 14001 + ISO 45001 certified

53 questions when ISO 9001:2015 + ISO 14001 + ISO 45001 + ISO 50001 certified

67 questions when EMAS certified

55 questions when RC 14001 certified

63 questions when RCMS certified

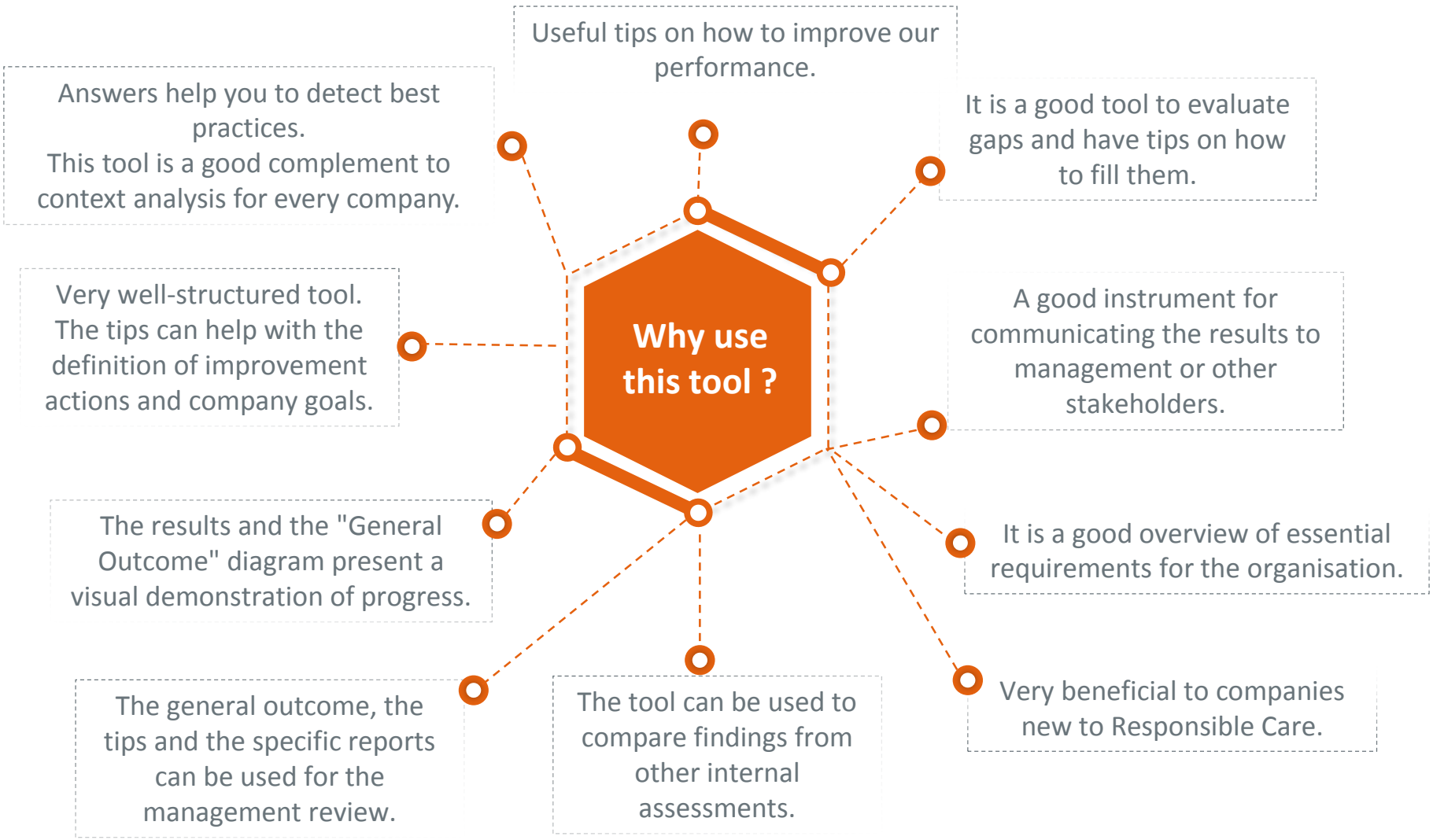
26 questions are linked to ISO 26000

43 questions are linked to UN Sustainable Development Goals

Responsible Care self-assessment tool tested by 52 companies over Europe

Testing feedback endorsed in the final version of the Responsible Care self-assessment tool

Value of the Responsible Care self-assessment tool



Thank you!

Questions ?

Contact Giulia Casasole

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