

Responsible Care implementation in Europe

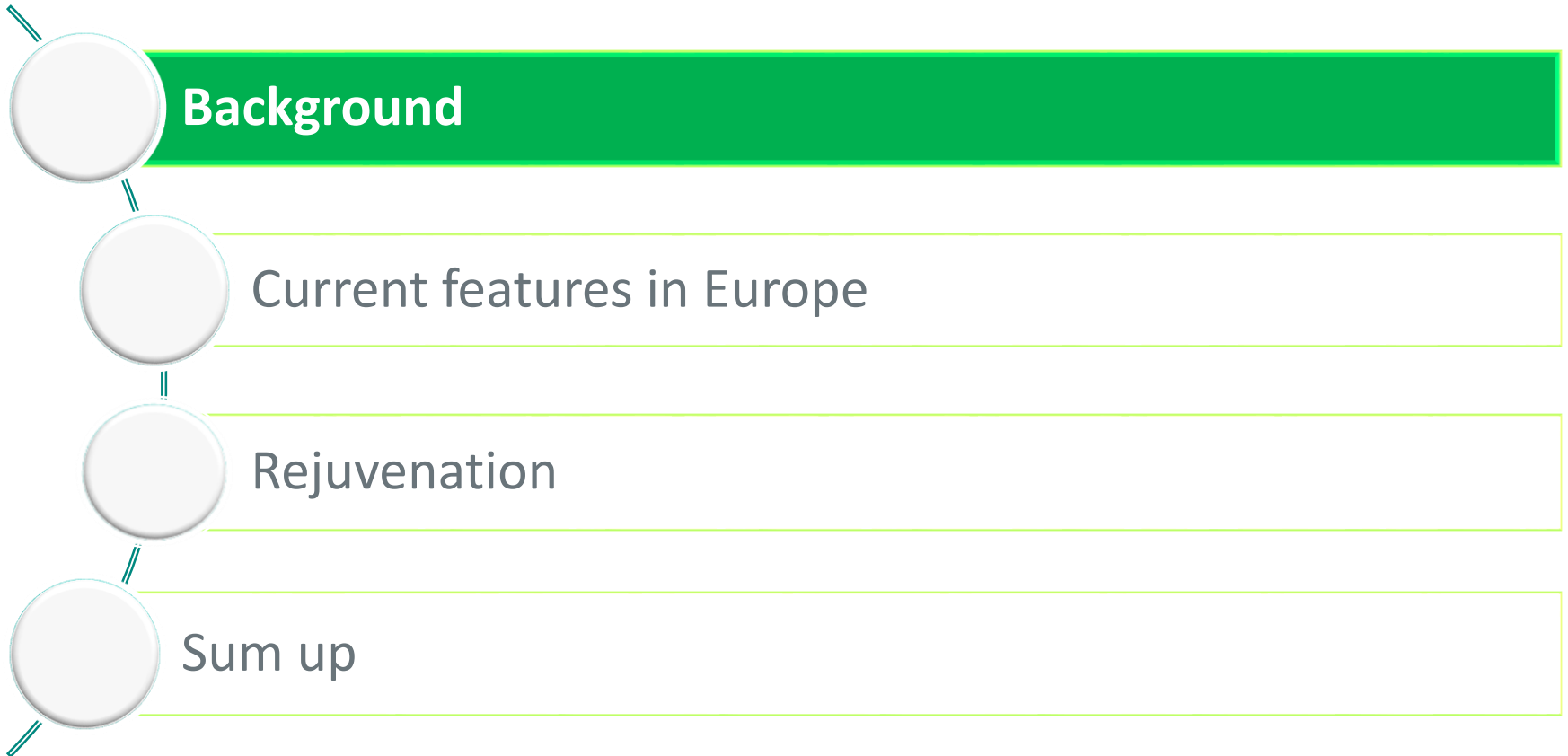


27-09-2018

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RC Manager at Cefic



Content



30 Years of Responsible Care[®] Evolution



Canadian
Origins

Early Global
Growth

RC Global Charter
GPS

New regional
focus: China,
Africa

1985

1988

1993

2006

2013

2017

Adopted
in
Canada

Expansion to
US/Europe

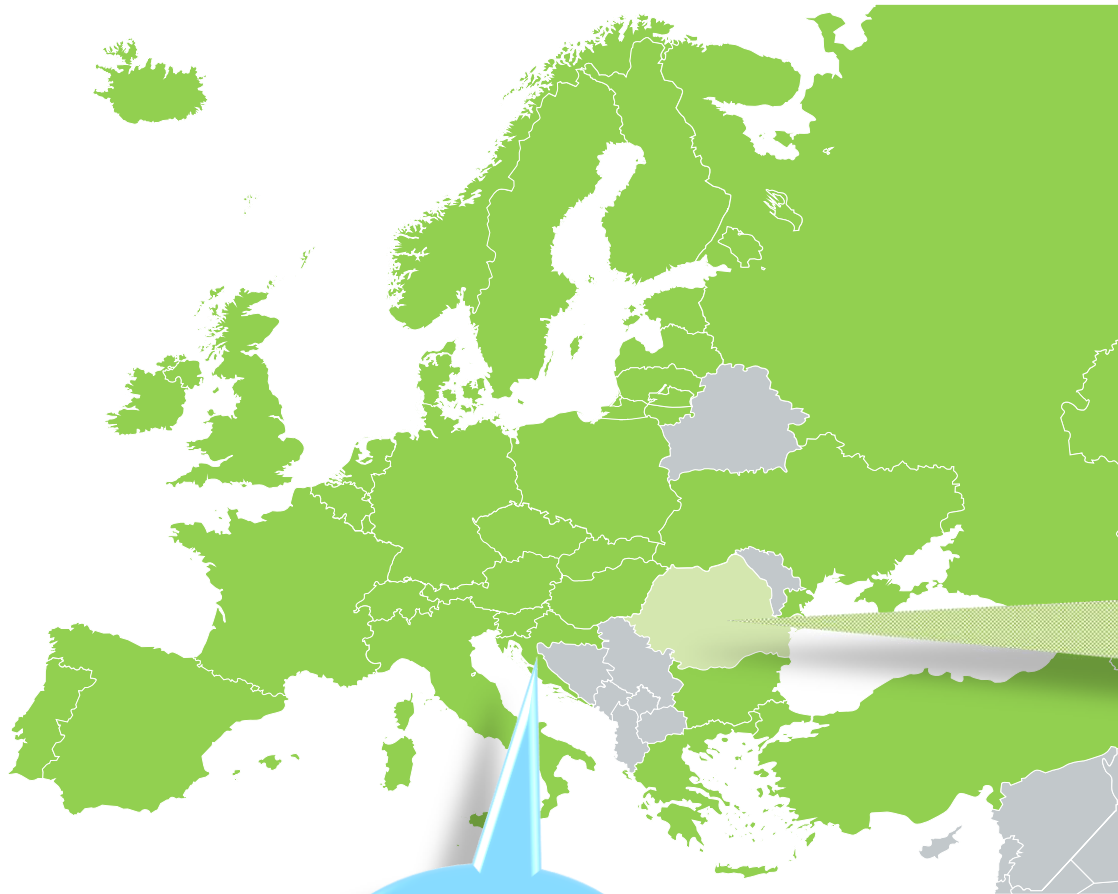
Rapid Growth in Asia/South
America

2006 Global
Charter
Global Product
Strategy

China
Egypt
SE Asia

Sustainability
Linkages

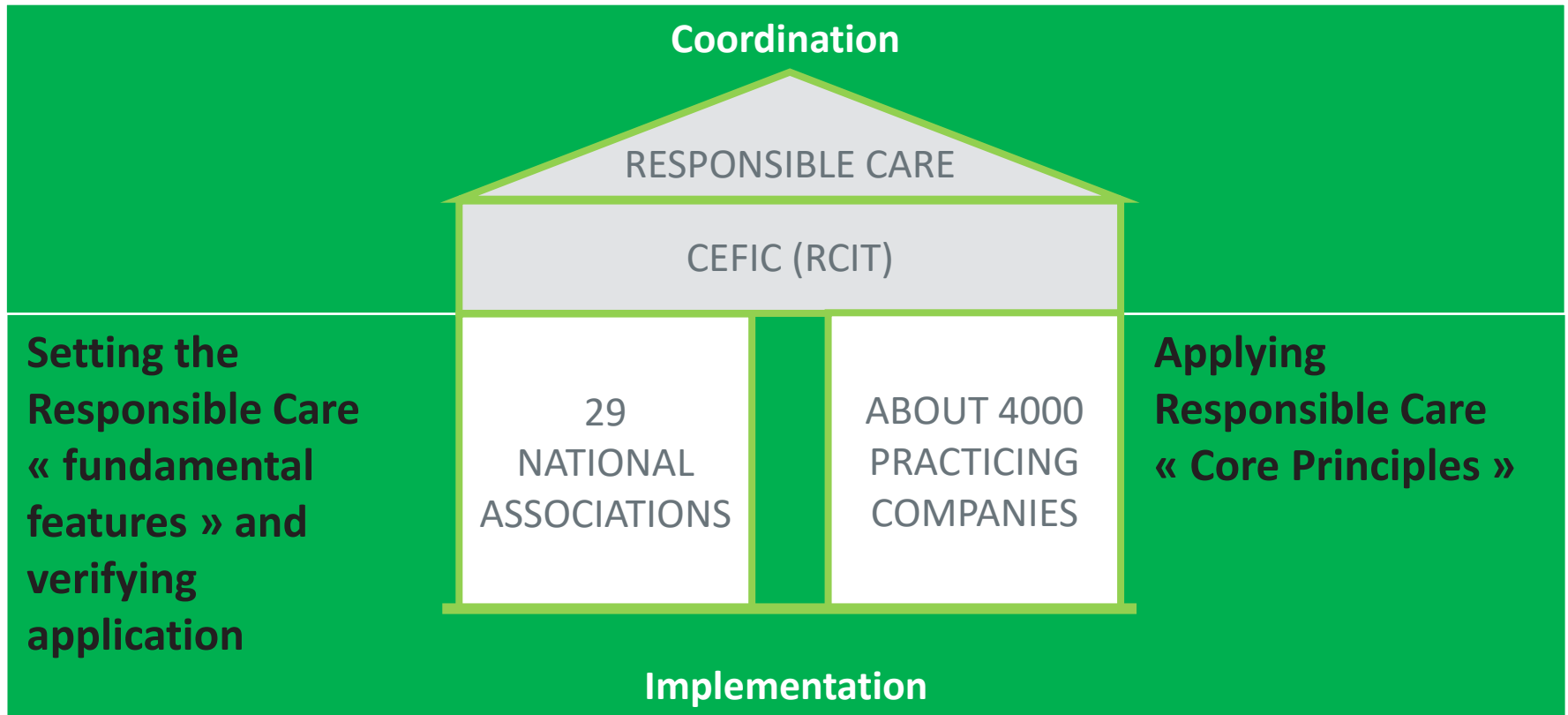
29 Countries practise RC in Europe



Croatia
Joined the RCLG
in 2017

Romania
Plan for applying to ICCA
RCLG under elaboration
Mentors: Cefic, Merck, ORTO,
Estonian Fed., VNCI,
Dow, BASF

Responsible Care organization in Europe



National associations and companies: the two key pillars of implementation

In Europe, Cefic has a coordination role

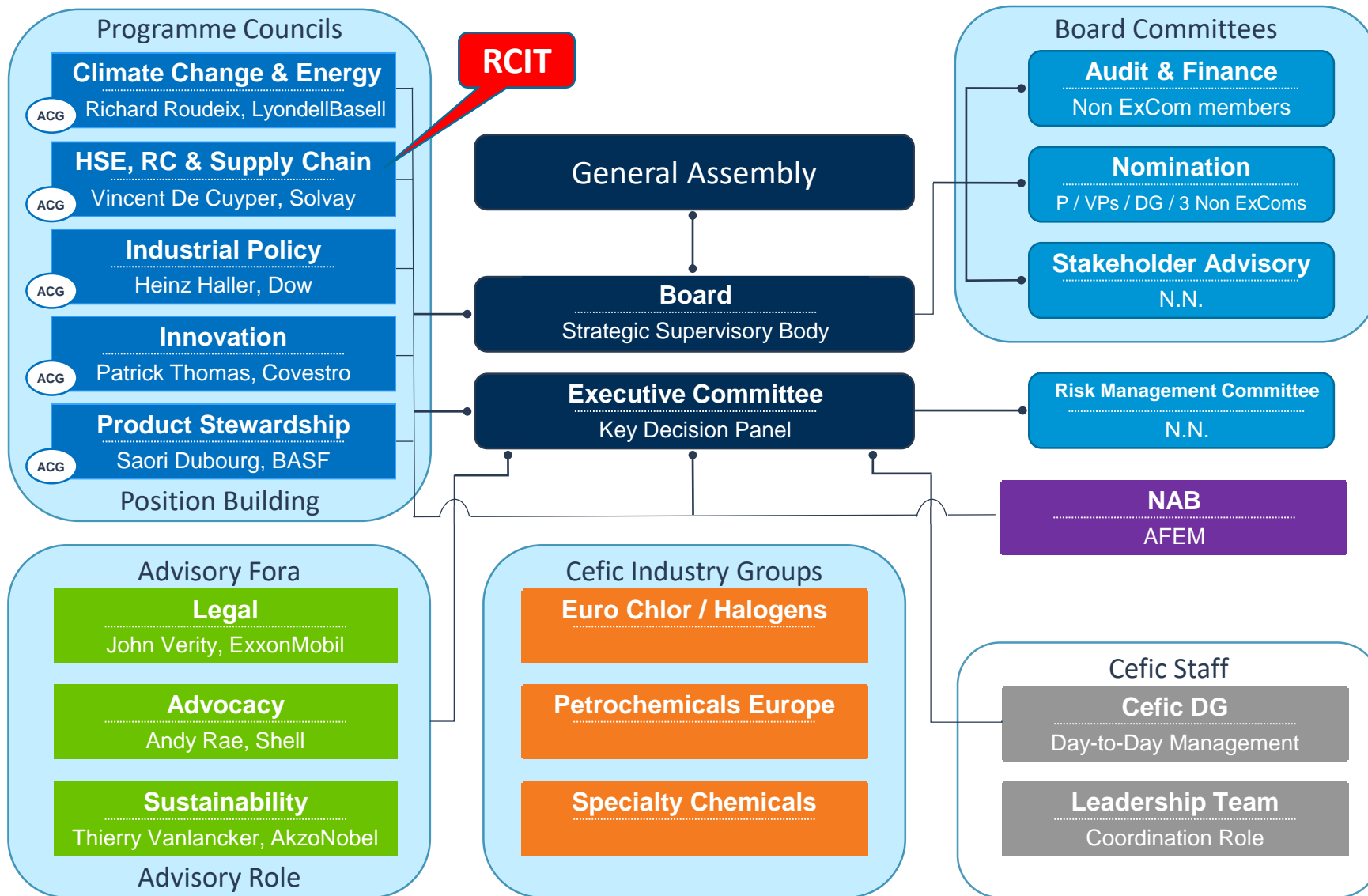
Introducing Cefic: the voice of the chemical industry in Europe



- Based in Brussels since 1972
- Representing the chemical industry in Europe **1.1 million jobs** – **15%** of world chemical sales
- One of the most active networks of the business community
- Interacting every day with stakeholders on behalf of its members

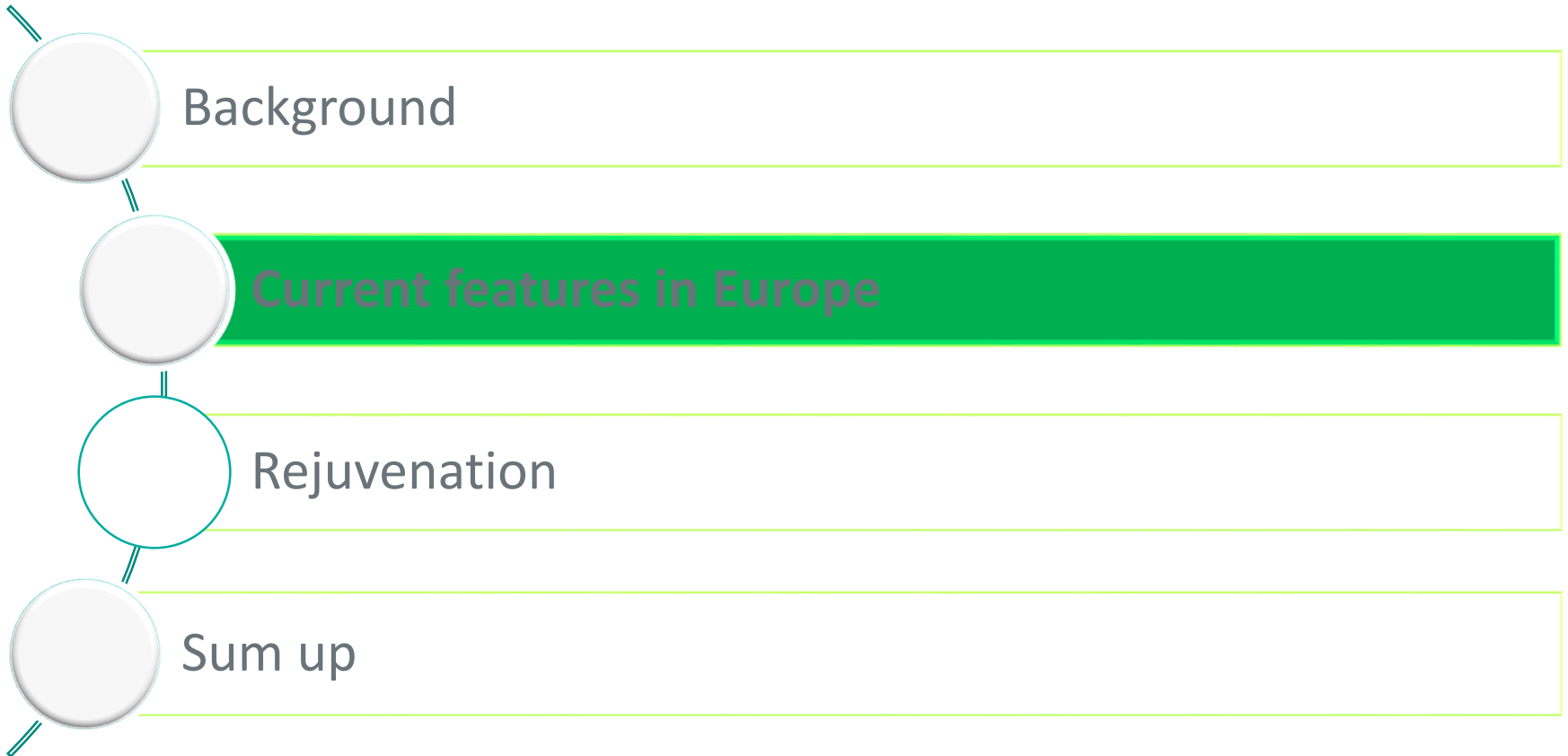
A growing membership: about 260 new members joined Cefic in the last 5 years, bringing the the total number of members and affiliates to over 630

Cefic – New Governance Structure



P = President; VP = Vice-President; DG = Director General; NAB = National Association Board; AFEM = Association of Federation Members; ACG = Advocacy Coordination Group

Content



Key Performance Indicators (KPIs)

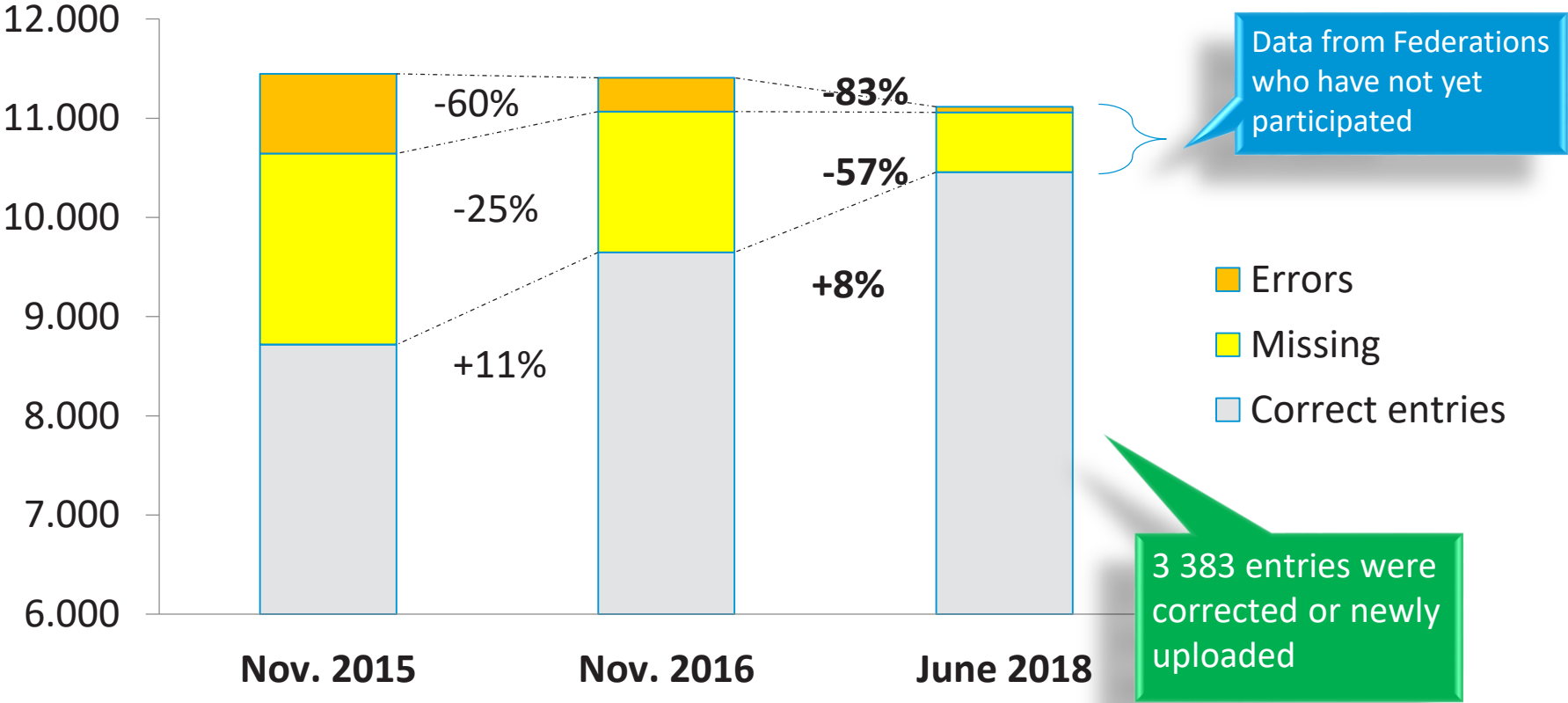


Essential metrics used to measure and assess chemical companies' improved performance in safety, environment, use of resources and transport.

KPIs Database Change in Quality (2015-2018)



Number of entries



New KPIs communication on Cefic website

Thanks to the KPI quality improvement study, since January 2017 we could restart publishing KPIs on Cefic website.

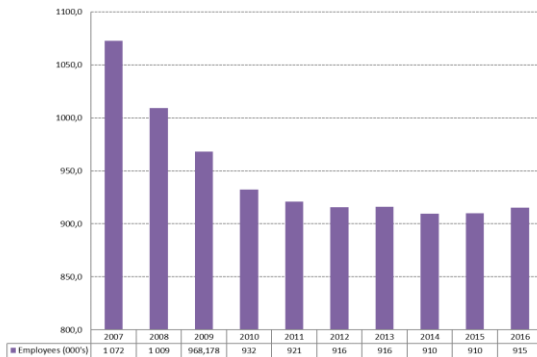
<http://www.cefic.org/Responsible-Care/Performance/>

- At the moment, KPIs updated to 2015.
- By the end of September, KPIs updated to 2016.

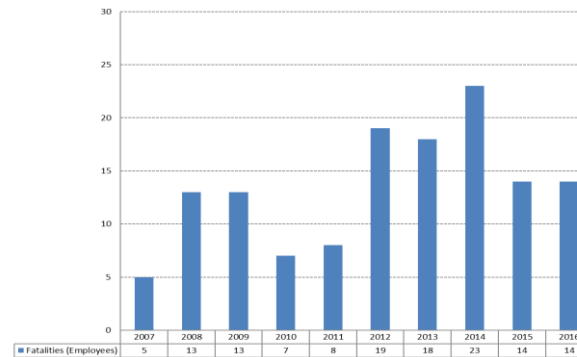
RC KPIs European aggregates Employees and Safety



N of employees



N of fatalities



LTIR

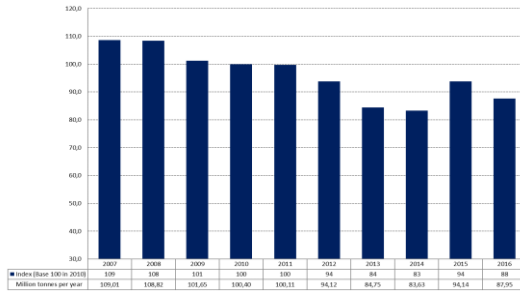


Addressing sustainability goals

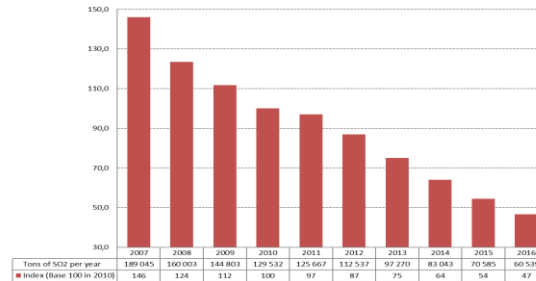
RC KPIs European aggregates Environment Air



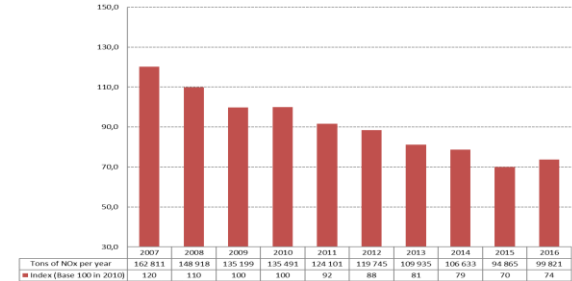
CO2



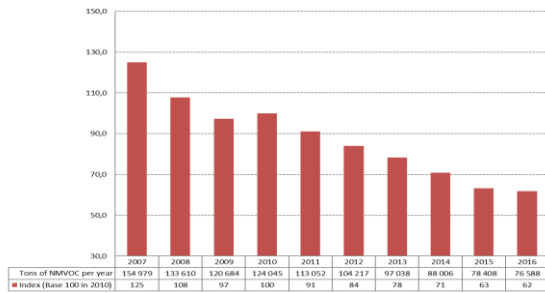
SO2



NOx



NMVOc

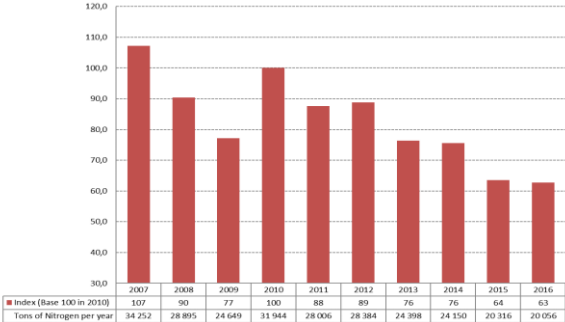


Addressing sustainability goals

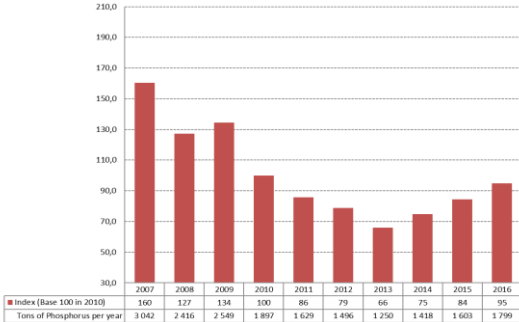
RC KPIs European aggregates Environment Water



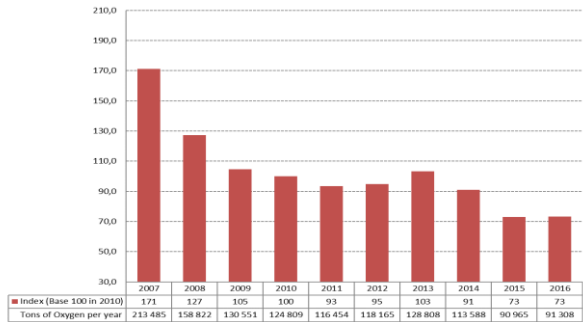
Nitrogen



Phosphorus



COD



Addressing sustainability goals

Best practices sharing



It is an excellent way to improve HSSE performance and productivity of companies.



Workshops



Open doors

National and European Responsible Care Awards



« **Best practices** » from Cefic website:

- <https://chemistrycan.com/>
- <http://www.cefic.org/Industry-support/Transport--logistics/Best-PracticeGuidelines1/General-Guidelines-/>

Responsible Care Awards 2018

Winners disclosed at the Cefic Convention in Amsterdam on 25th October

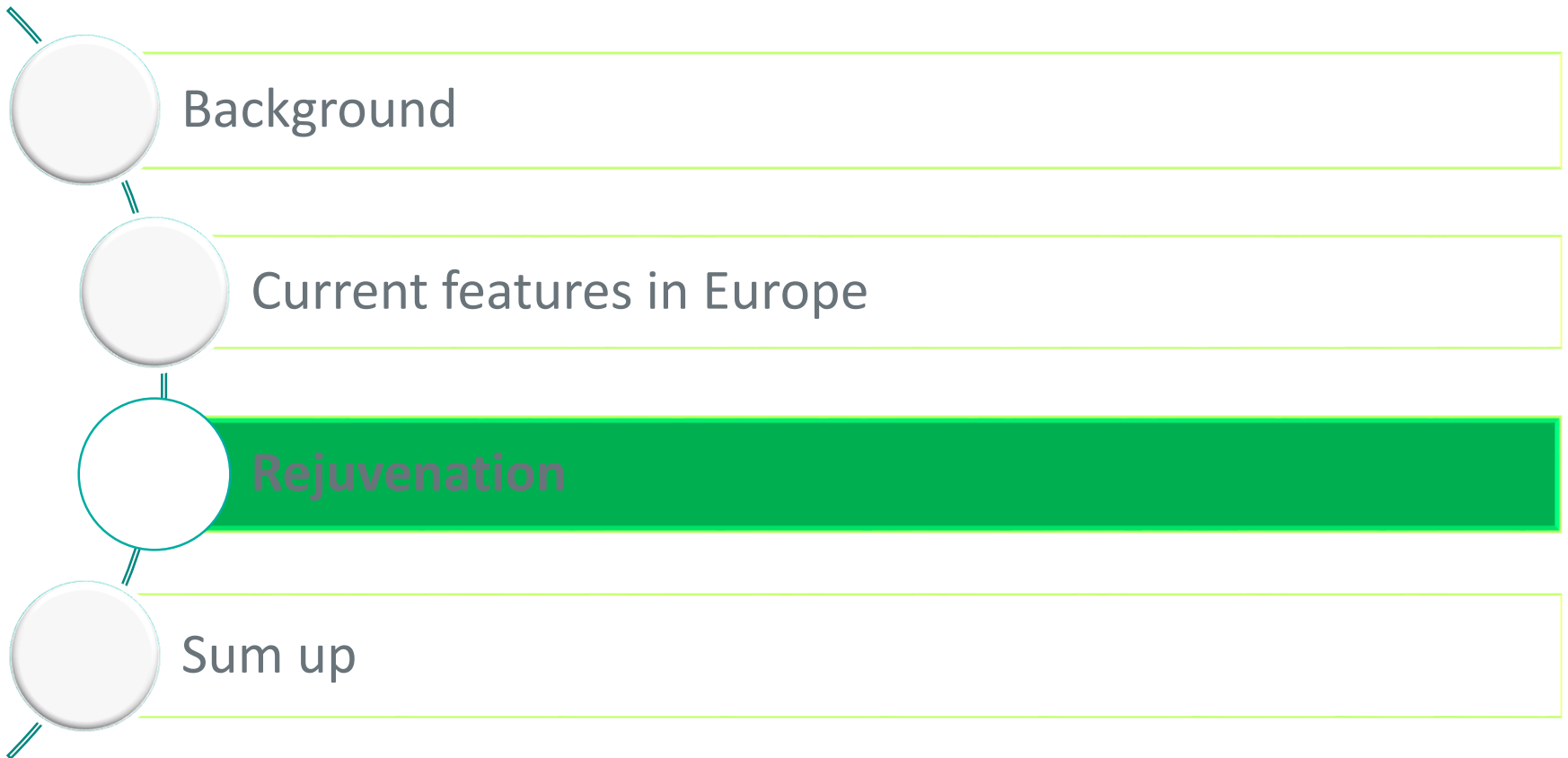


Three categories for companies and one for national associations

- 1. Chemical Safety**
- 2. Sustainable workplaces**
- 3. Environment Responsibility**
- 4. National Associations**

<http://www.cefic.org/Responsible-Care/Awards/>

Content



RC Rejuvenation Project



-Launched in December 2017 by the RCIT

-Validated by the PC HSE, RC and Supply Chain in January 18th 2018

-Endorsed by the NAB in March 27th 2018 and by the AFEM in May 16th 2018

Why rejuvenating RC ?



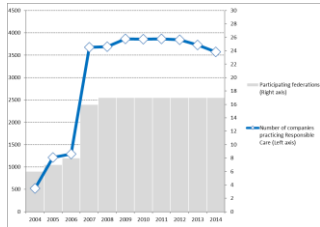
1) In 3 decades of Responsible Care new regulations and standards have appeared in Europe



2) Current Cefic RC management framework is outdated (from 2005)



3) The number of companies practicing RC has been stagnating since 2007. There is a “decline” in mature countries not compensated by the growth in Eastern Europe.



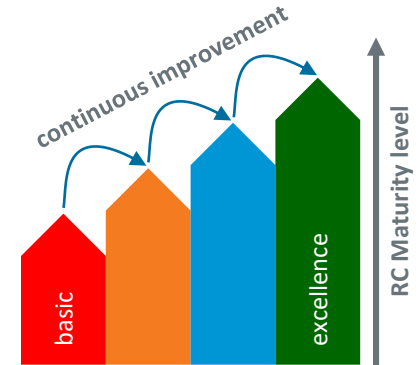
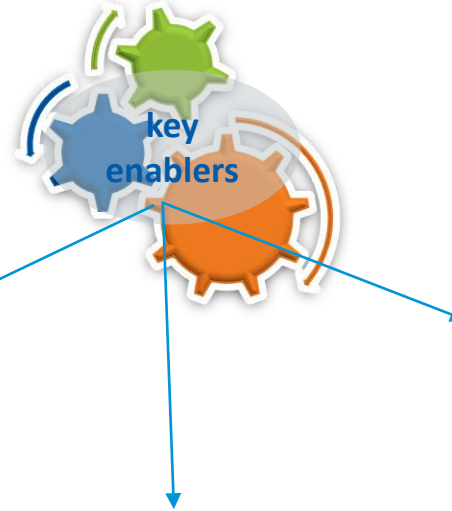
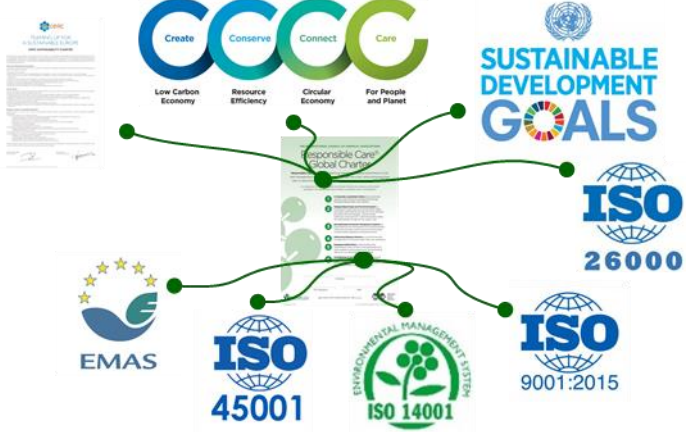
4) RC is fragmented all over Europe

Vision of the RC Rejuvenation



a voluntary, ambitious and highly regarded RC management framework for Europe that paves the way for more European Chemicals Manufacturers to join the RC family whilst enhancing industry's reputation and trust

Cefic Sustainability Charter and ChemistryCan Initiative



creation of maturity levels driving continuous improvement

connecting RC to international standards & sustainability principles



Tools to support regional RC implementation and contribute to a harmonized approach of RC

Deliverables of the RC Rejuvenation



- Management framework
- Self-assessment tool

Key criteria

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

Building upon ...



A management framework

A guidebook which explains the requirements of RC



Structured along to the 6 elements of the Global Charter



for each element

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

- Describing what it entails
- Guidance on how to implement
- Examples
- Description of maturity levels
- Explaining how to move from one level to another
- Indicating link to ISO standards and Sustainability Principles



A self-assessment tool



A list of concrete statements and questions to guide companies in the implementation of RC



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

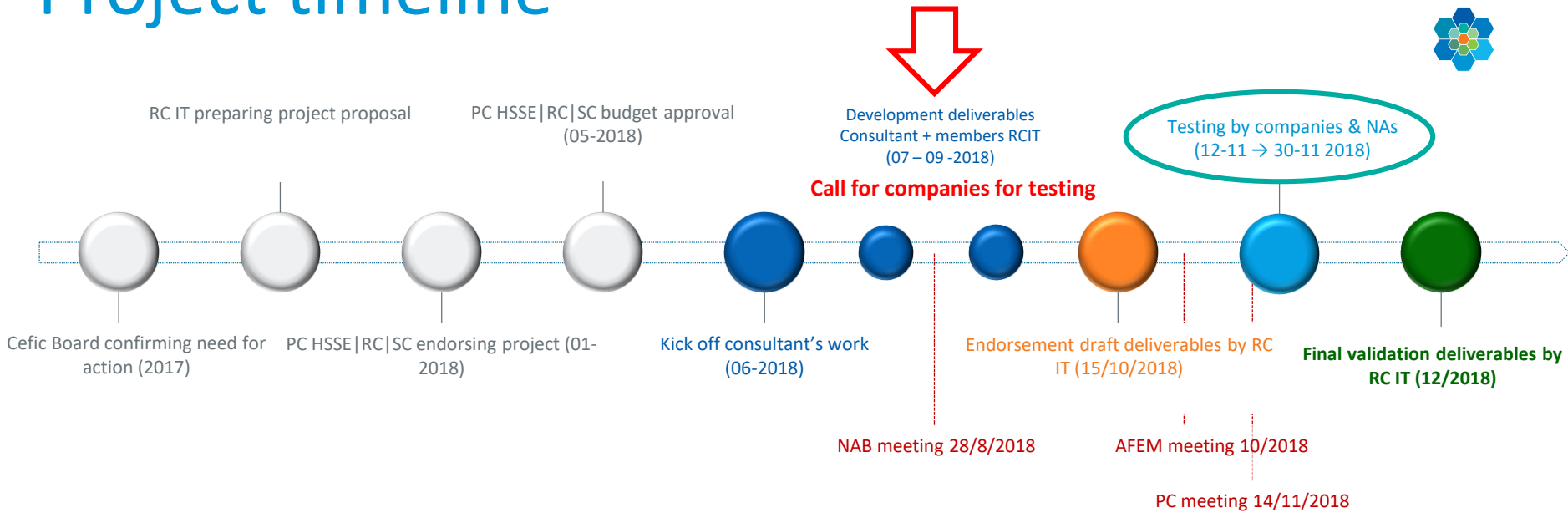
- Setting implementation indicators per (sub) topic
- Break down in topics and subtopics
- Multiple outcomes / indicator – each reflecting a maturity level

- Helps to determine the level of Maturity of RC implementation
- Gives tips and trick to improve
- Provides an overall gap analysis vs ISO standards
- Provides indication on convergence with broader sustainability issues

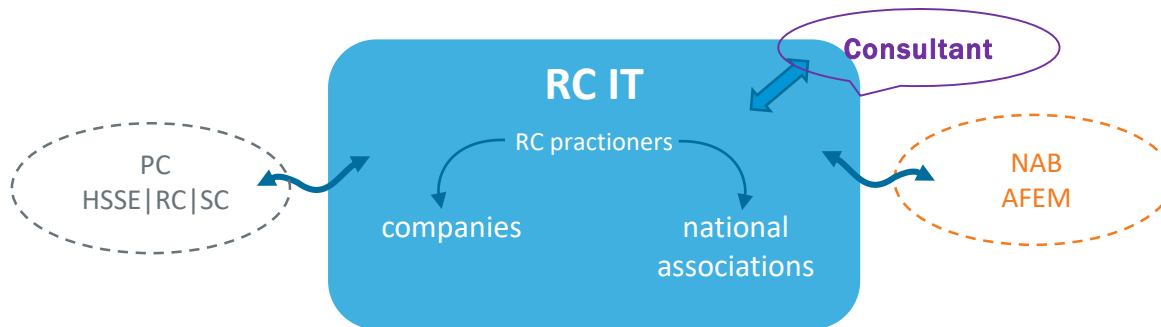


Tool easily adaptable to specific needs / requests
Simplified assessment if ISO certified

Project timeline



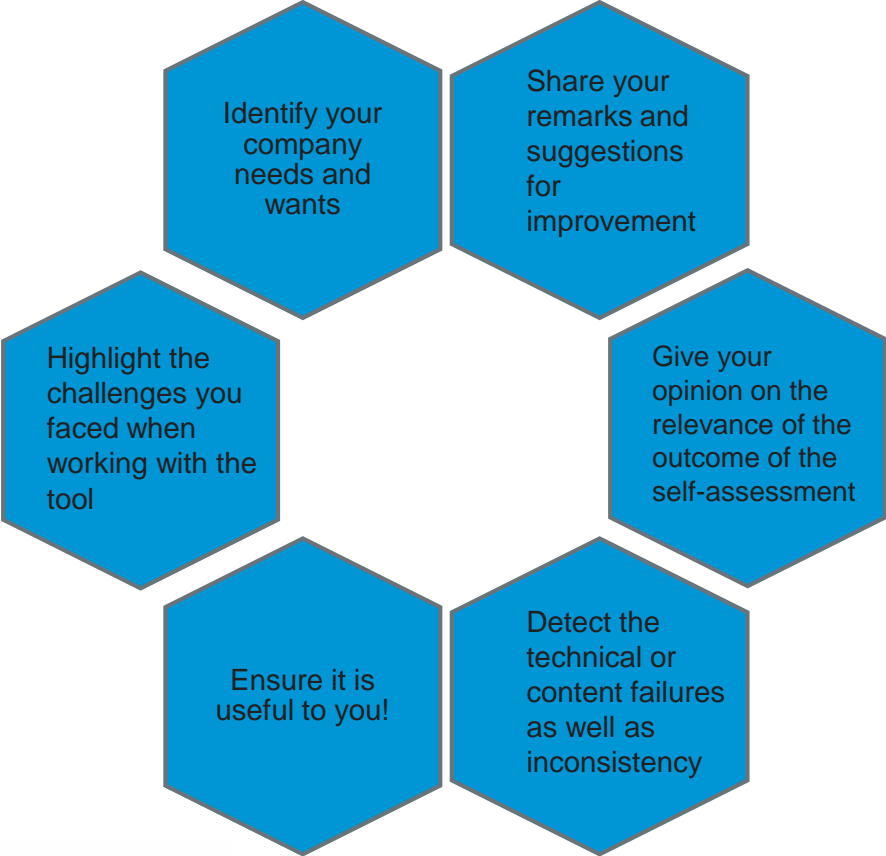
Governance



Call for engaging companies in the testing phase

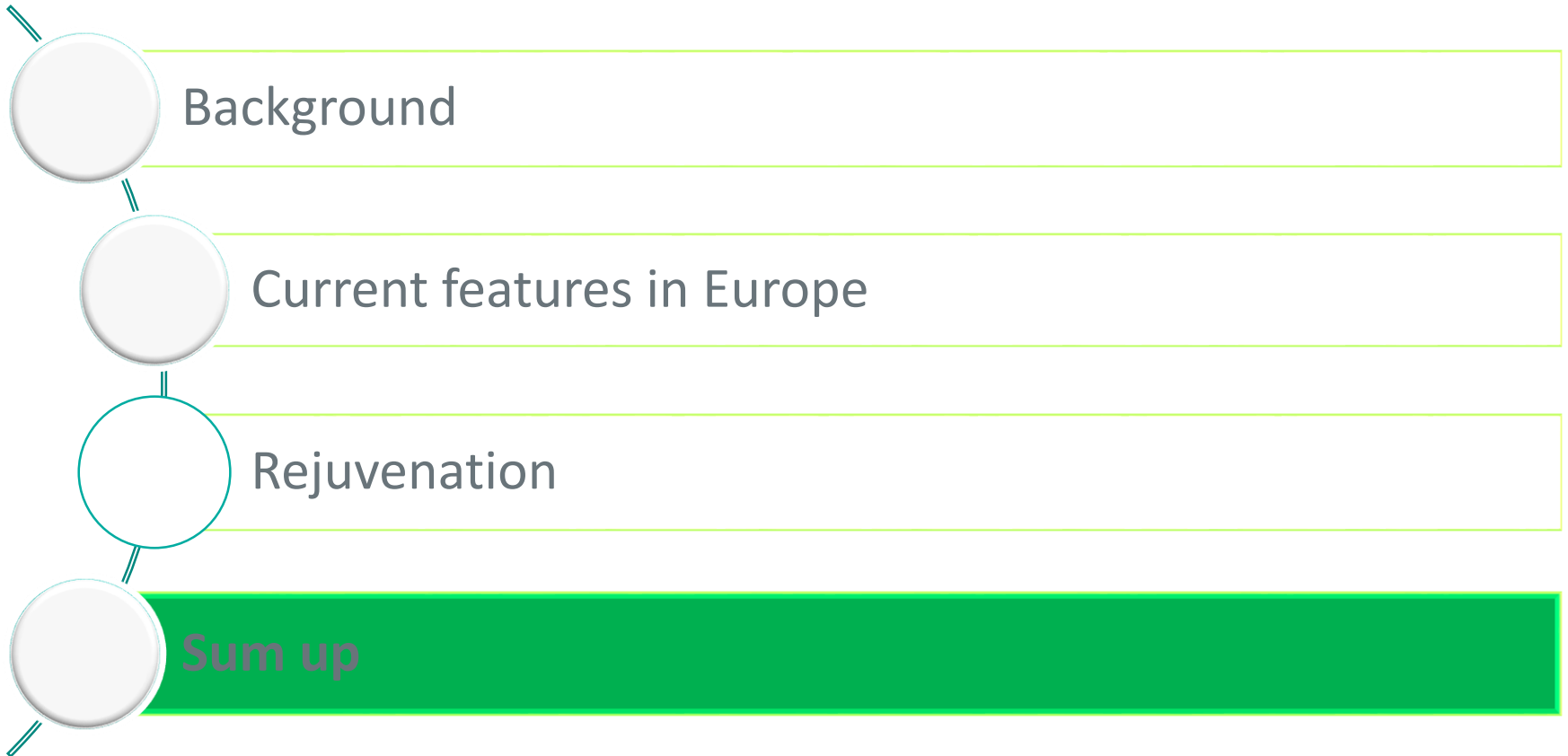


30 companies from 15 different countries (Italy, Spain, France, Germany, Belgium, The Netherlands, Czech Republic, Croatia, Hungary, Slovakia, Sweden, Ireland, Finland, Austria and Portugal) have so far been engaged.



WE COUNT ON YOU!

Content



Sum up



- More than 30 years of history in improving the management of chemical products and operations
- Showcasing the continual improvement through KPIs reporting and best practice sharing
- In the process of rejuvenation across Europe

Thank you very much for your attention!



Needing further information ...

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