VERBAND DER CHEMISCHEN INDUSTRIE e.V.





European RC Forum 3rd Party Certification of RC in Germany

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24 February 2010



Special Features in Germany



- Structure of the chemical industry in Germany
- ➤ 1,650 companies (members of VCI), 400,000 staff, Strong presence of small and mid-sized enterprises (SMEs):
 - 90 percent of companies have fewer than 500 staff
- ➤ Over 40 large chemical parks





Responsible Care TPV

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Implementation in Germany



Requirement of the Global Charter for national programmes:

4. Develop a set of performance indicators against which improvements can be measured.

ICCA/Cefic base: KPI Set additionally:

- Cases of damage
- Environmental protection costs
- Environmental management systems
- Water input
- Incidents requiring TUIS* help





Hans F. Daniel Seite 3

Implementation in Germany



Requirement of the Global Charter:

- 8. Introduce and apply systematic procedures to verify the implementation of the measurable elements of Responsible Care by member companies.
 - •Third Party Verification of German RC Report 2007/2008/2009
 - •Introduction of PRTR by EU for 2007 data starting in 2008

High degree of monitoring by public authorities

> No need to measure more exactly than the authorities

High regulation density in Germany and in Europe

> Little room for "beyond compliance"



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Hans F. Daniel Seite 4



What means Verification?



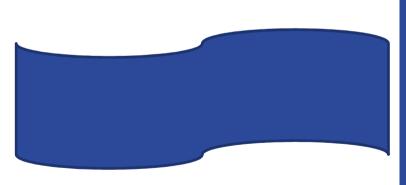
German

• A confirmation on account of an investigation and by supply of a proof that agreed demands have been fulfilled.



English

The process of evaluating a system or component to determine whether the product satisfies imposed conditions.



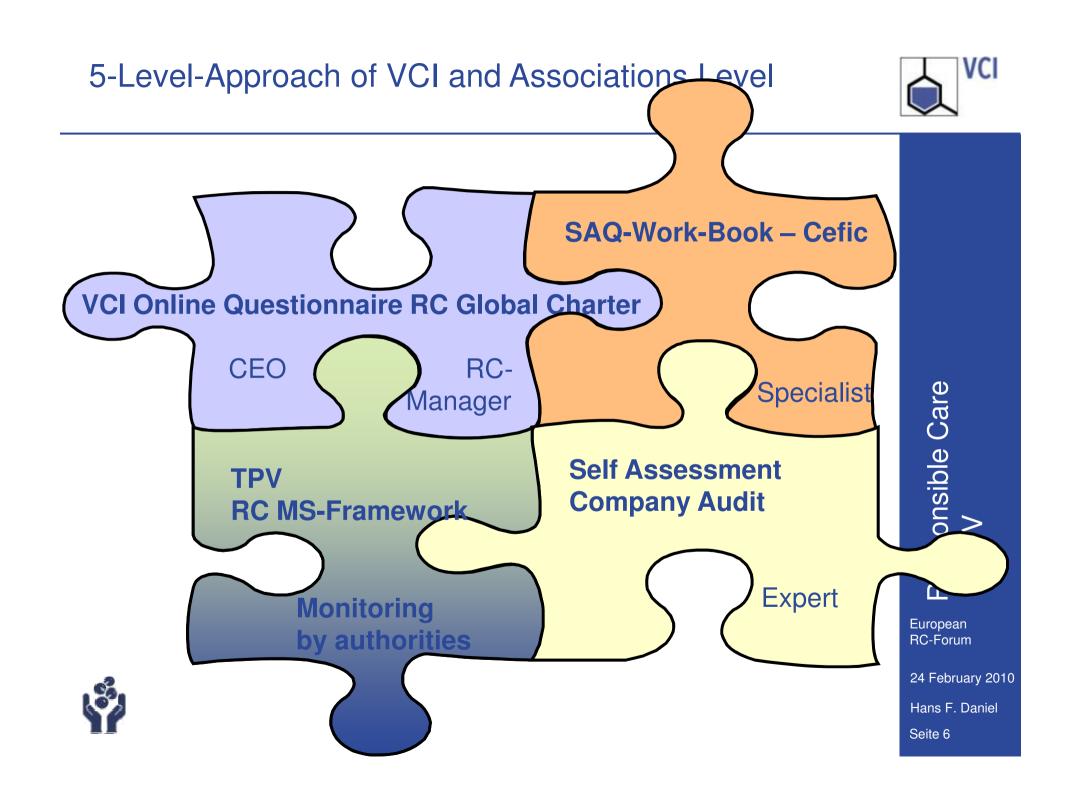
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Deloitte 5-Level-Approach

CEO

TPV

RC I

VCI Online Question





Details Cent University activer Contin Semantistrate 6 40476 Dasselder Germany

Verification Statement

Deforite Cert Univerligatachtes GmbH was engaged by the VCI to verify essential parts of the 2007 Defothe Cert Univerligate the GmbH was engaged by the VCI to verify essential parts of the 2007 Responsible Care Report. The preparation of the Report, which covered the period from 1 January to 31 December 2006, was in the responsibility of the VCl, the Verband der Chemischen ladustrie December 2010, was in the responsibility of the VL1, the vertical are Linemascaen tousing Delischland (Association of German Chemical Industry). The contents of this engagement are in the Deliserisma (Association of German Enemical Inclusivy), the contents of this organization in the appearability of the VCI management, with whem the objectives and terms of the engagement were

The scope of engagement comprises the evaluation of the methods used for data collection, the scope of engagement comprises the evaluation of the methods used for each consecution and vehicles of the environmental data reported by VCI member companies, as well as

The objective of the engagement was to obtain a limited assurance. Based on an assessment of the objective of the engagement was to obtain a number assurance, based on an assessment of materiality and risk, inquiries and verifications should be conducted in order to confirm the consistency. of the so-exhed scope of engagement with the reported statements. The verification should be concluded of the so-existed scope of engagement with the reported statements. The verification should be controlled from of sample-based data verification as well as through interviews with managers and persons

Thereupon, Deleatte Cert verified the following, bearing the verification on the available data for the Collection methods with respect to

- - Adequacy and plausibility,
 - Reliability of the underlying data and
 - Interpretation of the results

The sample was based on the companies involved in the Report and on the present knowledge of the The sample was eased on the companies involved in the kepon and on the present knowledge of the recording systems of certified enterprises. Regarding the quantitative statements, the Report contains the necessary clarifications on data collection and interpretation.

Similarly, the projects "Transport Accidents - Information and Aid System" (TUIS) and "Restoration of Similarly, the projects. Transport Accidents - intermation and Ata System. (1 DIS find Accidentation of Contaminated sides, have been reviewed exemplary and verified in accordance with the specifications of the Responsible Care infinitive Germany for their realisation as regards content and their contribution in

In a limited attestation that only relates to the verified objects, we can confirm, that, based on our work, we have not become aware of any facts which lead us to assume that, in material respects, the We believe that our work provides a reasonable basis for our opinion.

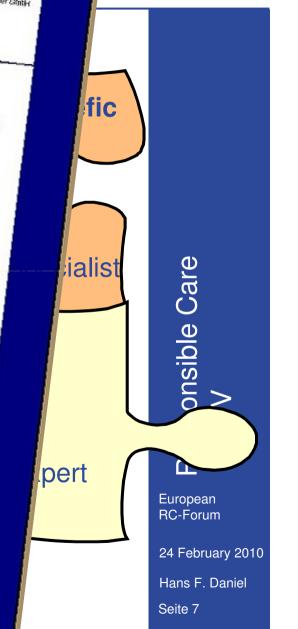
Düszelderf, 18 September 2007

Deloitte Cert Umweltgesachter Gmbly

Josephim Ganse Geschäftsführer

Michael Sperling





How Deloitte did the TPV



The objective was to obtain a limited assurance Consequently, Deloitte Cert verified:

2007: collection methods with respect to

Adequacy and plausibility

Reliability of the underlying data

Interpretation of the results

2008: focus on spot check and projects

2009: focus on online data collection and PRTR,

Nano, Export Control



www.vci.de/Presse/



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How Deloitte did the TPV



Deloitte Cert carried out spot checks in companies

Audits in global companies and SMEs:

Data sources and processing

Fulfillment of principles

2008:

4 global companies

5 SMEs

2 interviews with project experts

Use of Deloitte database to enhance quantity

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Outreach



■ Therefore:

Make RC a personal experience and really understandable through projects.

www.responsible-care.de

Use existing systems for RC (TPV, audits).

Use existing reporting systems – such as PRTR – for KPI reporting.

Emphasize over and again the benefits and value of RC for companies and target

