

DIN CERTCO GmbH

We create Confidence!

Insight Into Voluntary Product Certification
and Biobased Certification



Contents of the Presentation

Kapitel	Thema	Dauer	Referent	Seite
1	Introduction of DIN CERTCO			
2	Introduction of voluntary product certification			
3	Proof of competence of laboratories			
4	Development of certification schemes			
5	Biobased product certification			
6	Open questions			

Our Services

DIN CERTCO is your partner for conformity assessment!

Certification of

- Products
- Persons
- Services
- Enterprises
- Systems

Registration of DIN-collective marks

We have been in this business for 50 years!



For 50 Years Customers and Companies have placed their Confidence to us

Our marks stand for safety and quality!



1972

Foundation of DGWK
(Deutsche Gesellschaft für
Warenkennzeichnung mbH)



1995

Renamed in DIN CERTCO



2005

Fusion with TÜV Rheinland.
DIN retains 20 % of shares

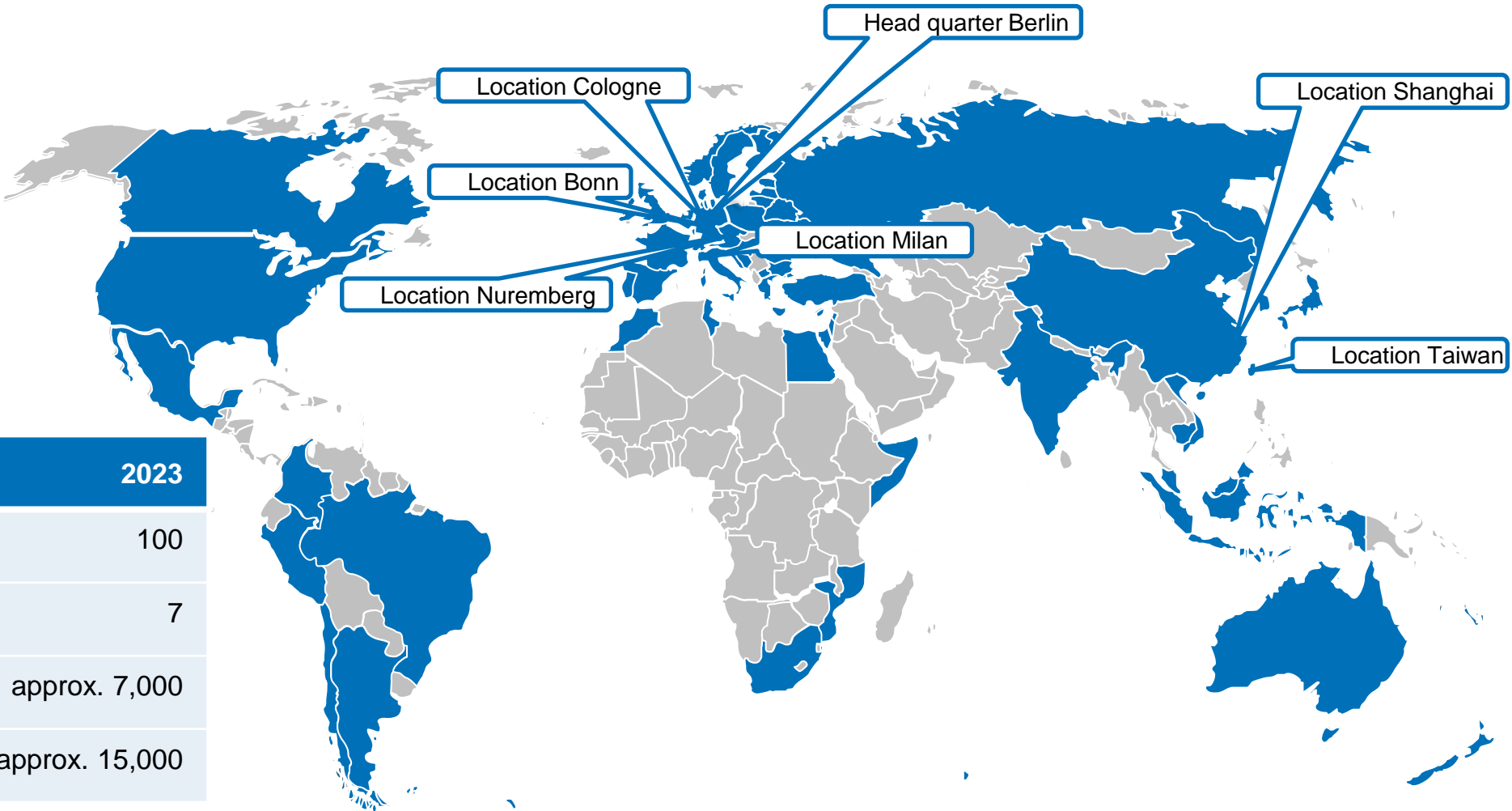


2019

DIN CERTCO is a 100 %
subsidiary of TÜV Rheinland



Our Customers and Locations worldwide



Facts	2023
Employees	100
Locations	7
Customer	approx. 7,000
Certificates	approx. 15,000



We create Confidence

In harmony with people, technology and environment

Competence and Transparency

- We document the safety and quality of new as well as certified products, persons, services and systems.
- We refer to DIN, DIN EN and ISO-standards and other publicly available specifications, e.g. DIN SPEC.
- Our customers rely on our neutrality, independence and competence.

Our Competences

- Accredited to
DIN EN ISO/IEC 17065
DIN EN ISO/IEC 17025
DIN EN ISO/IEC 17021
- Recognized as “ÜZ-Stelle”
- Notified Body of the European Commission (0196)
- Empowered as certification body to grant the KEYMARK
- Administration and Management of KEYMARK on behalf of CEN

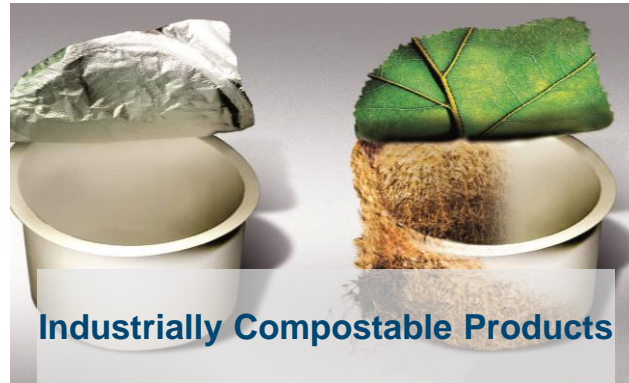
Our Certifications

- QM-System to DIN EN ISO 9001
- Information security management system to DIN ISO/IEC 27001
- Environmental management system to DIN EN ISO 14001
- Occupational safety and health management system to ISO 45001:2018



Certification in the environmental field

We separate the wheat from the chaff!



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What is Certification?



Certification is a **third-party attestation** [a statement, based on a decision following review, that **fulfilment of specified requirements** has been demonstrated] related to products, processes, systems or persons.

(Source: DIN EN ISO/IEC 17000)



Generic Certification Process

Supplier/Manufacturer

- Application for testing and/or inspection

Testing laboratory

- Product testing and/or audit

DIN CERTCO

- Assesses the test reports and documents
- Awards a certificate and grants the licence to use the sign

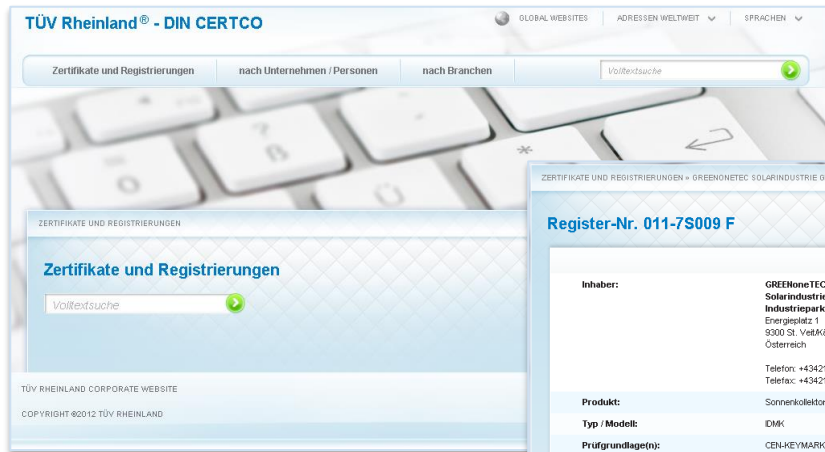
DIN CERTCO

- Recognition of the testing laboratory



Publishing of Certificate Holder Information

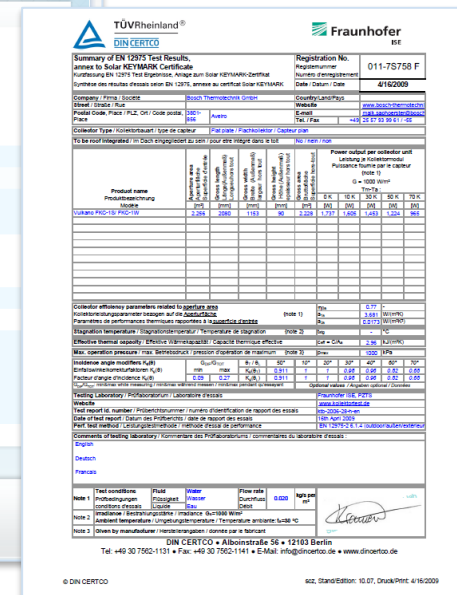
On a daily basis here



Certificate holder ...



... Certificate ...



... Technical data



Benefits of our Certifications

We create confidence for your market success!



- Proof of quality tested and evaluated products
- Consumer confidence, aid in decision-making
- Compliance with applicable standards and guidelines
- Neutral tests, audits, assessments
- High awareness through our internationally recognized certification mark
- Transparency of the DIN certifications process
- Good advertising (prospects, website, placements etc.)
- Direct link to all valid certificates incl. placement of the company logos
- Effective protection against misuse of mark

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Competence and Impartiality

Accreditation – Proof of competence and impartiality!



Accreditation is a third-party attestation that a conformity assessment body (CAB) is competent to carry out specific assessment tasks.

The accreditation body assesses

- the **management system** of the conformity assessment body
- the **technical competence** of CAB personnel
- taking into account **laws** and **relevant standards**
- and an internationally **comparable level of performance**
- and monitors continuing compliance by **regular inspections**.

Our Testing Laboratories

Our testing partners at your side world-wide!



The separation of testing on the one hand and assessment and certification activities on the other hand is part of our company philosophy.

Approx. 140 testing laboratories **world-wide under contract**

Recognition on the basis of **DIN EN ISO/IEC 17025**

Demonstration of competence is based on

- a valid accreditation
- or/and on-site audit
- including review of documents and
- if required, comparison testing

Regular inspection as well as obligatory round-robin tests (RRT) and meetings for exchange of experience (EK)



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Certification Schemes

Marketing and solutions - as needed - to your advantage!

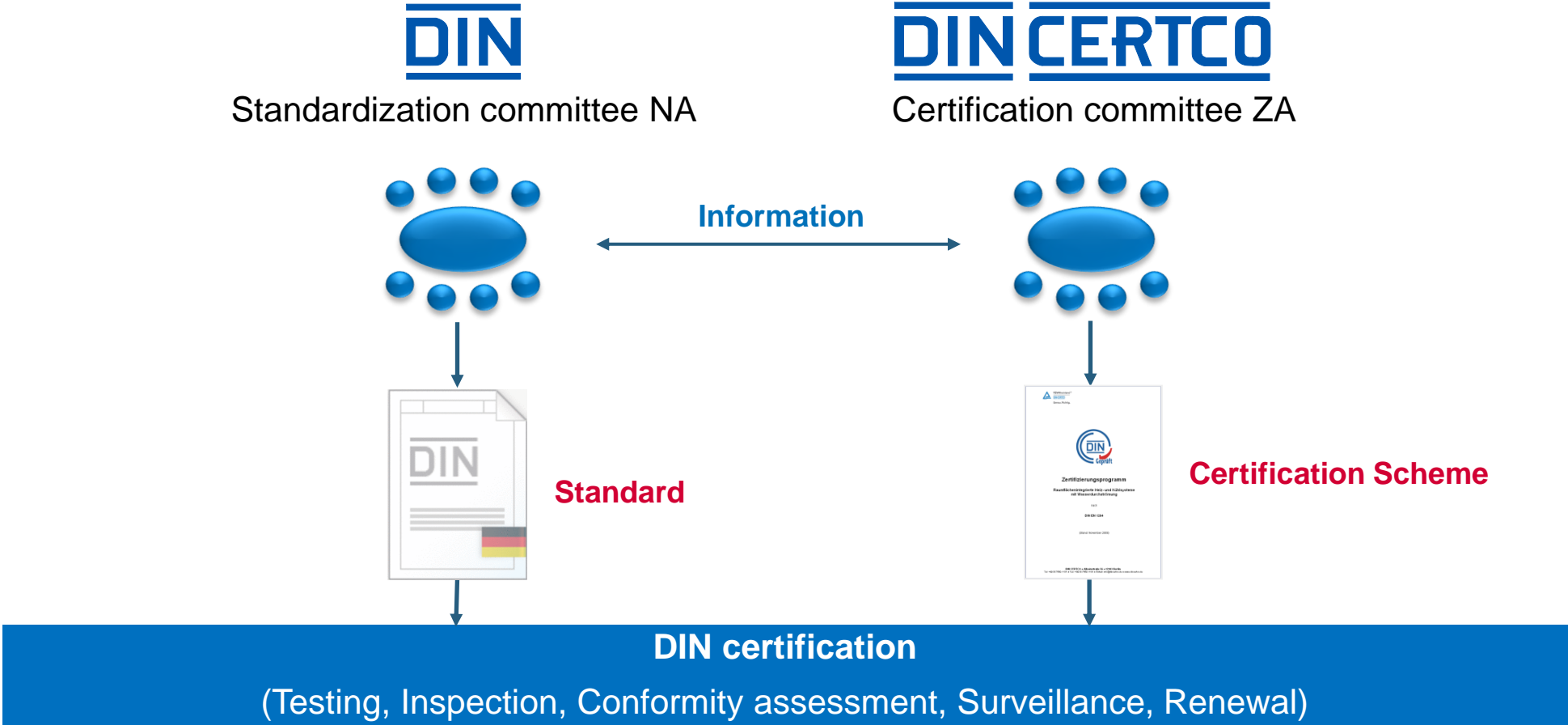


Our certification schemes comprise:

- **test criteria** (e.g. DIN standards, DIN SPEC etc.)
- **certification conditions** for award of the mark (e.g. definition of product types, sub-types, sampling, certification mark, validity etc.)
- further technical requirements not specified in the standard (e. g. requirements relating to product geometry and design)
- are **publicly available** (www.dincertco.de)
- can be **easily adapted** to suit changing conditions



Standard and Certification

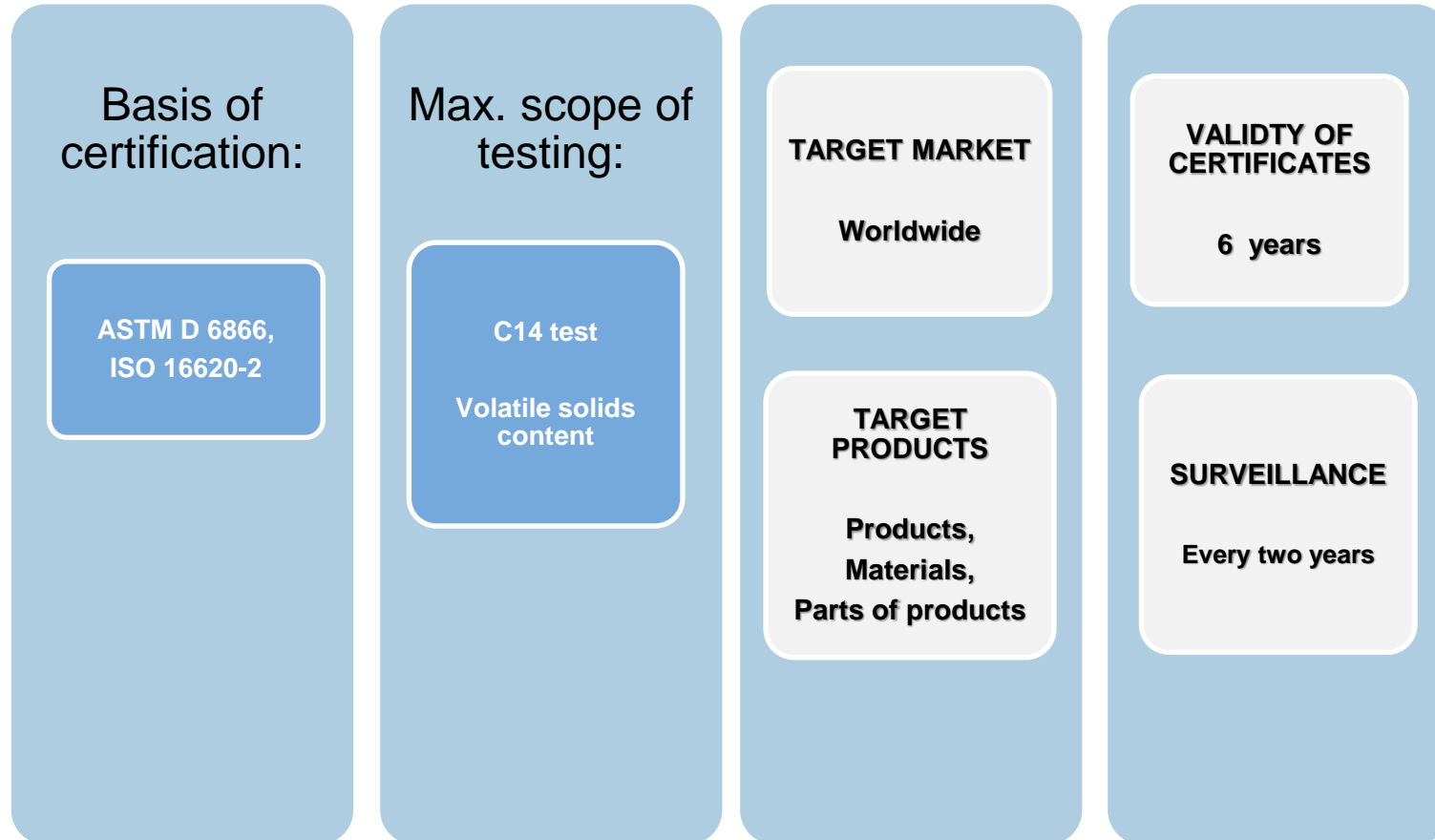


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Certifications in the Environmental Field

DIN-GEPRÜFT BIO-BASED CONTENT



Products eligible for certification



Eligible:

- Products (e.g. tableware, packaging, toys, ...)
- Materials
- (non-reactive) Additives
- Parts of products

Not eligible:

- Medical products classes Is, Im, Ir, IIa, IIb and III according to 93/42/EC of the Council and the MDR 2017/745, respectively.
- Fuels with fossil proportions
- Products which are poisonous, acidic, carcinogenic, mutagenic or harmful for the environment

Out of scope:

- Mass-balanced biobased products

What we need and how to apply



Genau. Richtig.

ANTRAG APPLICATION auf Zertifizierung von Biobasierten Produkten for certification of Biobased-Products

DIN CERTCO Gesellschaft für
Konformitätsbewertung mbH
Alboinstraße 56
D-12103 Berlin

- Erstzertifikat
First Certificate
- Erweiterung/Änderung
Extension/Alteration
- Verlängerung
Renewal
- Unterzertifikat - eigene Registernr.
Sublicence - own Registration No.
- Unterzertifikat - Registernr. des Herstellers
Sublicence - Registration No. of manufacturer

Bisherige Registernummer Previous Registration Number
(Bei Anträgen auf Erweiterung/Änderung, when applying for alteration)

Wir beantragen die Nutzung folgender
Zertifizierungszeichen:
We apply for use of the following certification marks:



Zertifikatsprachen Certificate languages
 Deutsch, German Englisch, English
 Französisch, French andere, others

Zertifikatsdruck Certificate printing
 als digitale Version, as digital version
 als Papierversion, as paper version

Antragsteller Applicant		Ansprechpartner Contact person	
Straße Street		Telefon Telephone	
Postfach PO Box		E-Mail E-Mail	
PLZ/Ort Postal Code/City/Country			
Telefon Telephone		Lieferanschrift Delivery address	
Telefax Telexfax			
E-Mail E-Mail			
Internet Website			
Ident.-Nr. VAT-No.		Rechnungsanschrift Invoice address	
Bestell-/Auftragsnr. Reference/order No.			

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Tel: +49 30 7562-1131 • Fax: +49 30 7562-1141 • E-Mail: info@dincertco.de • www.dincertco.de

- Documents and information needed for application:
 - Filled out application form with details of the formulation (materials/additives amount in %, suppliers)
 - SDS of all applied materials/additives or for the final product
 - For final products: photo or technical drawing
 - If already available: test reports on biobased content and C14-content from a recognized testing laboratory
 - Contact for questions and application: sales-environment@dincertco.de



Testing

Volatile Solids:

Sample is dried then heated in a muffle furnace to 550 °C for at least 2 hours.

C14 Content:

Accelerator Mass Spectrometry (ASTM D 6866 & ISO 16620):

Ultrasensitive technique that can be used for measuring naturally occurring radio nuclides. Sample atoms are ionized, accelerated to high energies, separated on basis of momentum, charge, and mass, and individually counted in Faraday collectors.

Liquid Scintillation Counting (ASTM D 6866 & ISO 16620)

Measurement of radioactive activity of a sample material which uses the technique of mixing the active material with a liquid scintillator (butyl-PBD or PPO/POPOP) and counting the resultant photo emission.

Beta Ionization (ISO 16620)

The BI method determines the isotope abundance of 14C indirectly. This method uses the emission of beta-particles by 14C due to the radioactive decay of the 14C isotope, like LSC The detection principle resembles the way a Geiger-Mueller (GM) counter works, the difference being details of the electron avalanche in the counter.



Minimum conditions for certification



Within the scope of testing a double minimum requirement is specified:

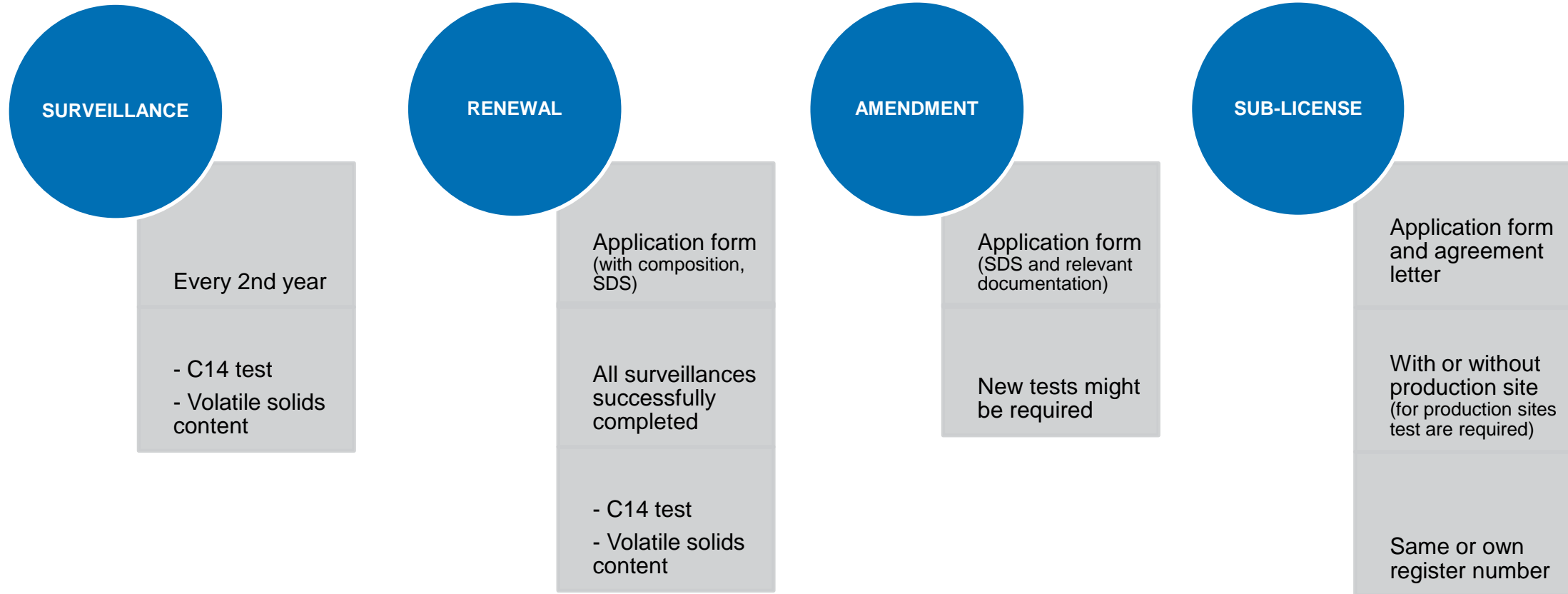
- The specified minimum organic proportion is **≥ 50 %**
- The proportion of biobased carbon to total organic carbon shall be **≥ 20 %**

On-product labels

- After successful certification labels can be shown on products in connection with the register number
- Only companies that have valid certificates (or sublicenses) are allowed to use the certification logo
- The logo communicates one of the three ranges of biobased content 20 – 50 %, 50 – 85 % or > 85 %



Certification Process & General Information

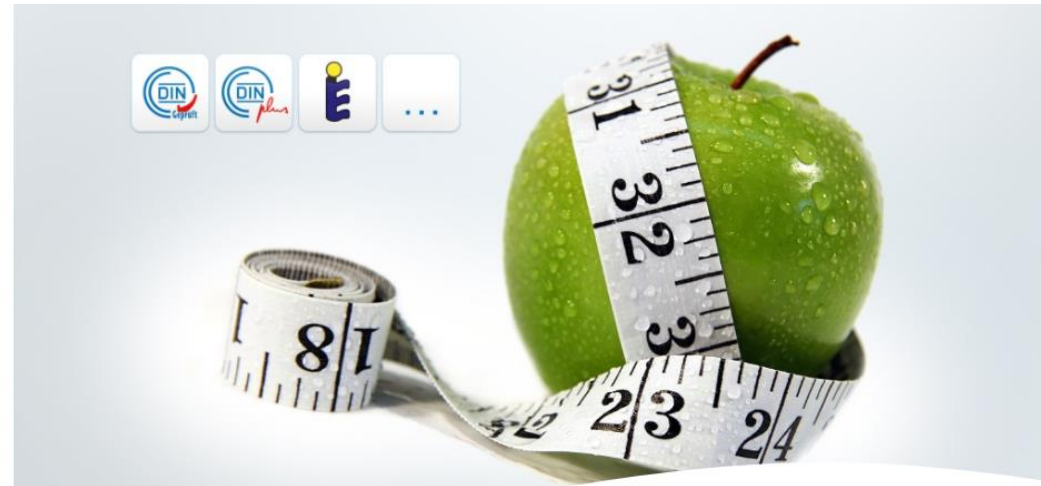


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Further Information at unter www.dincertco.de

- Application form
- Certification Scheme
- Schedule of fees
- Flyer
- Certification holder
- FAQ



We create Confidence!

DIN CERTCO is your partner for conformity assessment.

[READ MORE](#)



Database

Here you will find all information about the valid DIN-certifications and registrations.



Your Certification Ideas

In cooperation with you we develop your market-driven certification solutions.



Contact

We would like to assist you.

[Contact](#)

Open Questions

How can we help you?



Thank you very much for your attention.

We are at your side!

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