

# How Cradle to Cradle Certified® is driving the circular transformation in the Built Environment

GTB Lab Symposium &  
DDC Regional Innovation  
Hub Heerlen

cradle to cradle  
**products**  
innovation  
**institute**



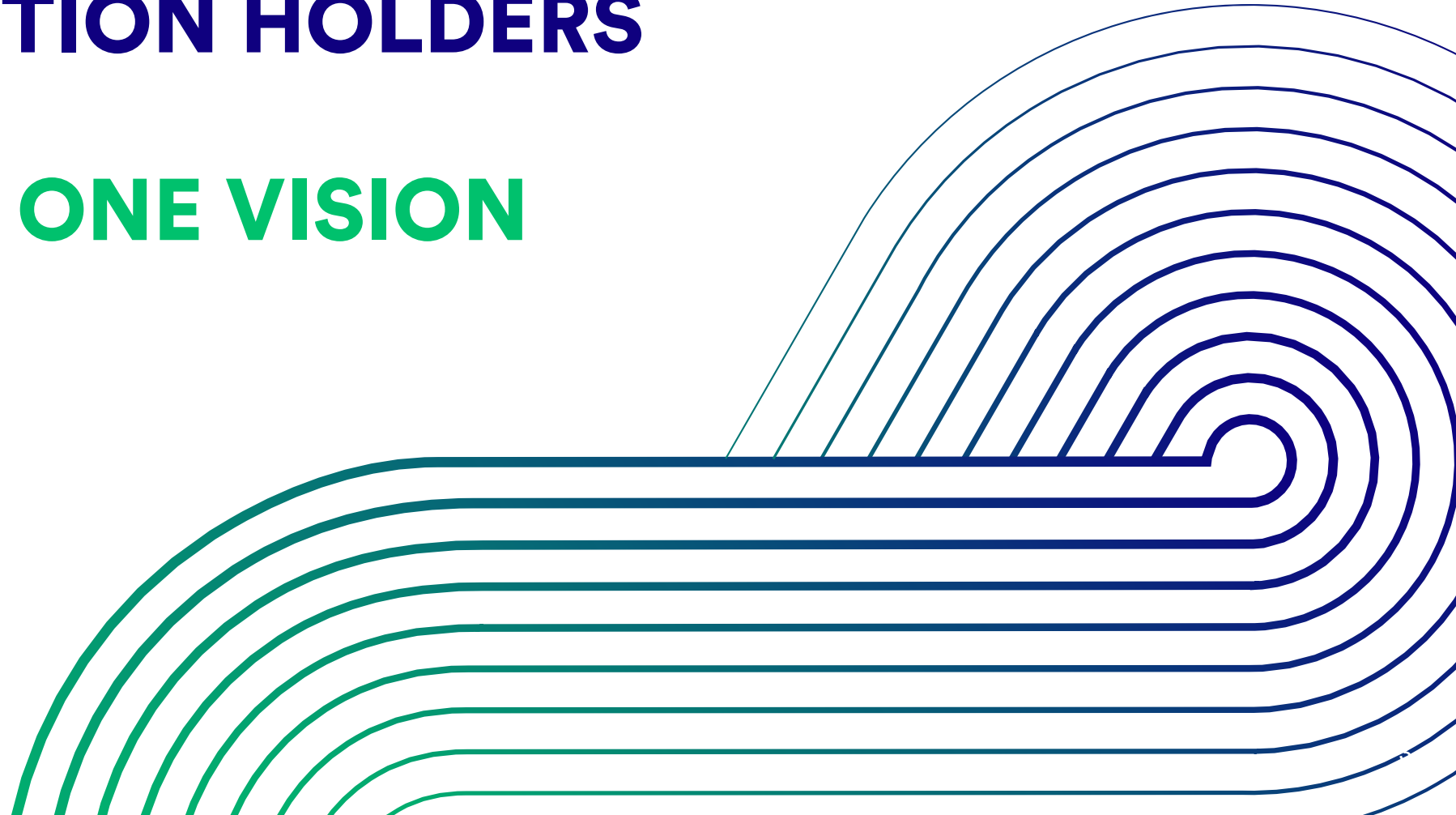
# cradle to cradle products **innovation** institute

## THE INSTITUTE

- Independent, global non-profit organization
- Founded in 2010
- Rooted in Cradle to Cradle design philosophy
- Headquartered in Amsterdam, the Netherlands & San Francisco, California

# A GLOBAL COMMUNITY OF CERTIFICATION HOLDERS

UNITED BY **ONE VISION**





# RETHINKING DESIGN, SELECTION AND SPECIFICATION OF PRODUCTS

- To be more healthy and safer
- To be more circular
- To be carbon positive
- To be more responsibly made
- To be credible and verified

# CRADLE TO CRADLE CERTIFIED® V4.0

- The most ambitious and actionable standard yet for designing and manufacturing products and packaging that are **safe, circular and responsibly made**.
- Global and holistic (multi-attribute) framework.
- Third-party verified assessment and certification.



C2C Certified® Product Standard



# CRADLE TO CRADLE CERTIFIED IN PRACTICE

**500+**

CERTIFICATION HOLDERS

**940+**

C2C CERTIFICATIONS

**30.000+**

PRODUCT VARIATIONS

**May 2022**



**500+ companies**



**Key sectors :**

- built environment & furniture
- textiles, apparel & footwear
- cosmetics & personal care
- household goods
- print & packaging
- consumer electronics
- automotive parts
- basic materials

**Across 4 continents**





# CRADLE TO CRADLE CERTIFIED PRODUCTS REGISTRY

**Search & Filters**  
Product Category  
MasterFormat Designation  
Certification Level  
LEED Credit Eligibility

Interior Design & Furniture **Bronze V3.1**



## Cascade Flex Vitality and Flight Vitality

**WHITECROFT LIGHTING LIMITED**

Cascade Flex Vitality is a family of recessed luminaires for lighting various environments, including offices,...

Building Supply & Materials **Gold V3.1**

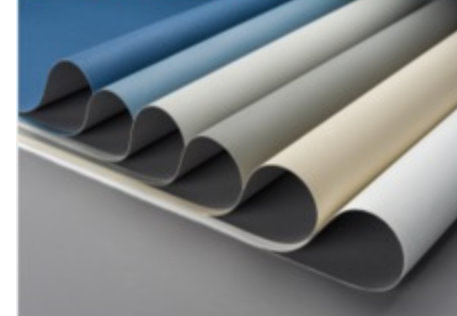


## Accoya® Wood

**ACCSYS TECHNOLOGIES**

Accoya® wood is a high performance acetylated wood building material designed for outdoor use and challenging...

Building Supply & Materials **Silver V3.1**



## Chelsea Shadecloth

**MECHO**

Fabric with solid, graphite-colored backing, designed to be viewed from interior and exterior viewpoints, and...

Building Supply & Materials **Silver V3.1**



## QuadCore

**KINGSPAN INSULATED PANELS**

Insulated Roof & Wall Panel and Facade Systems Kingspan's insulated panel and façade systems are designed to...

[C2C Certified Product Registry](#)

[C2C Certified Material Health Certificate Registry](#)

# C2C CERTIFIED RECOGNITION EXAMPLES



WELLv2™



Sustainable Minds®  
Transparency Catalog



stars®  
a program of aashe



# CURRENT ALIGNMENT & RECOGNITION IN BUILDING SCHEMES



WELLv2™



BREEAM®  
delivered by bre

In progress



In progress

# EXAMPLES OF CRADLE TO CRADLE CERTIFIED IN PROJECT SPECIFICATIONS



**THE CRADLE Düsseldorf**  
**Interboden / HPP Architekten**



**ZIN Brussels**  
**Befimmo / Jasper Evers Architects**

# EXAMPLES OF CRADLE TO CRADLE CERTIFIED IN PROJECT SPECIFICATIONS




## Thames Estuary Asset Management programme (TEAM2100)

- Single largest flood risk management programme in England and one of the UK government's top 40 infrastructure projects
- Objective: 25% of the monetary value of materials used in updating and/or constructing new flood risk management assets are certified by the ethical stone register or are Cradle to Cradle Certified at the Bronze level or above, with the further aim of increasing that baseline by 2% each year.

# IN SUMMARY

- **Construction materials are ubiquitous** and are the fabric of the built environment
- The transition to renewable energy will address only 55% of the world's GHG emissions. The remaining 45% must be addressed by **transforming the way we make and use products**.
- A **holistic approach** is required to tackle increasingly interconnected sustainability topics
- Linking the company, supply chain and product level offers opportunities for **systems innovation**
- **Independent validation** of sustainability efforts takes increasing centre stage in stakeholder discussions across the value chain
- Big lever to **create market demand** through building & infrastructure specifications
- **Education** and **raise awareness** about existing circular solutions is essential

An aerial photograph showing a dense, vibrant green forest on the left side, which meets a bright turquoise lake on the right. The forest is thick and covers most of the upper and left portions of the frame. The lake's water is exceptionally clear and bright, with some ripples visible. A small wooden dock or pier is visible at the edge of the forest where it meets the water. The overall scene is a beautiful natural landscape.

**How we design and make products  
today shapes the world we will  
inhabit tomorrow.**

# Thank you

Made for Tomorrow  
[c2ccertified.org](https://c2ccertified.org)

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innovation  
institute

