CRADLE TO CRADLE CERTIFIED ASSESSOR CALL

2 March 2022

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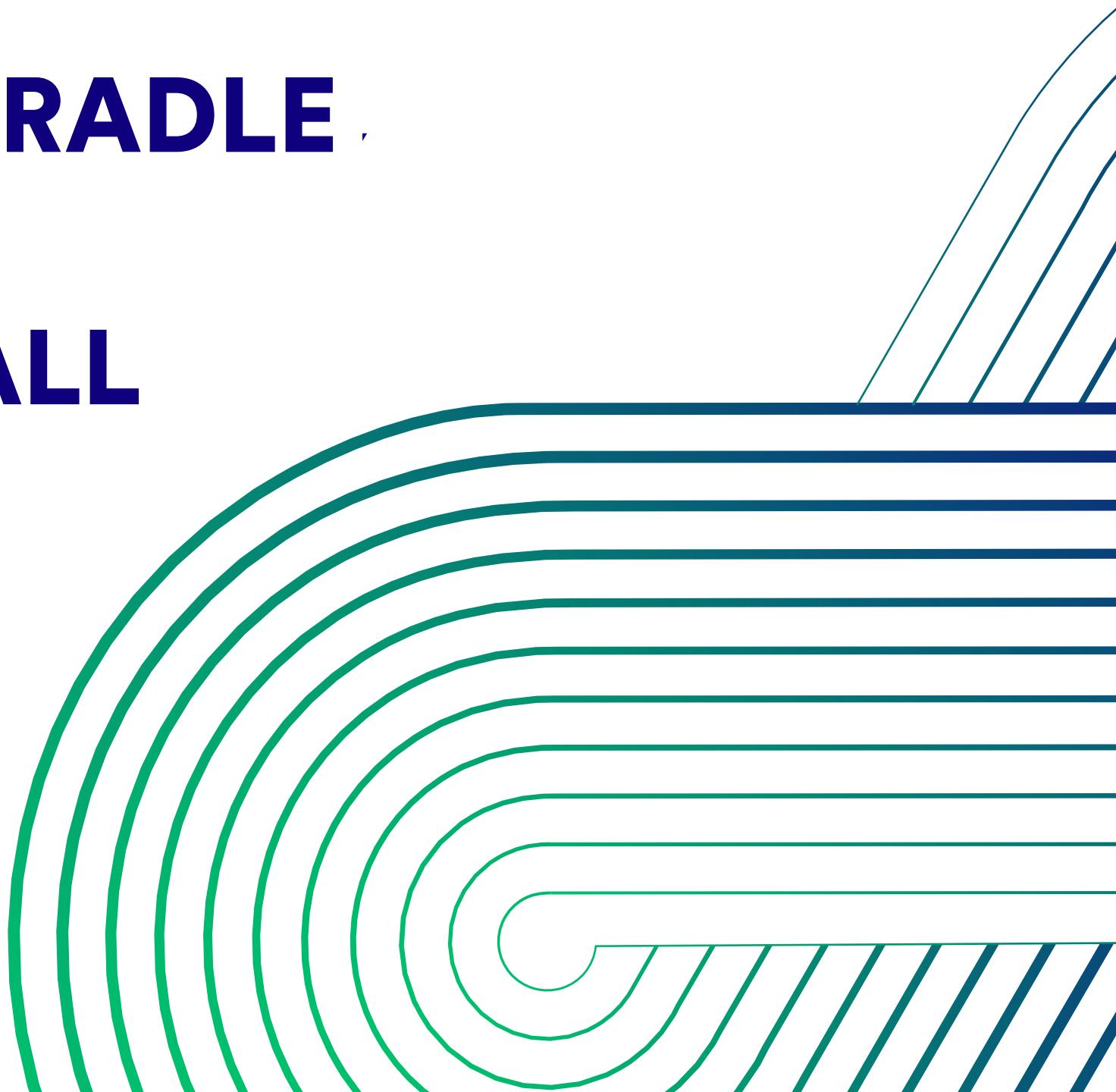
AGENDA

- Certification program updates

- Certification operations process improvements

- Material Health updates

- Market & partnership development
  - 2022 pipeline projection
  - Sector updates
  - Marketing communications toolkit for certification holders
  - June events

- Institute updates

- Q&A

CERTIFICATION PROGRAM UPDATES

Susan Klosterhaus

Ana Maria Leal, AMLY Sustainability

Conducting assessment reviews, corresponding with assessors to resolve assessment questions, and providing certification program operations support.

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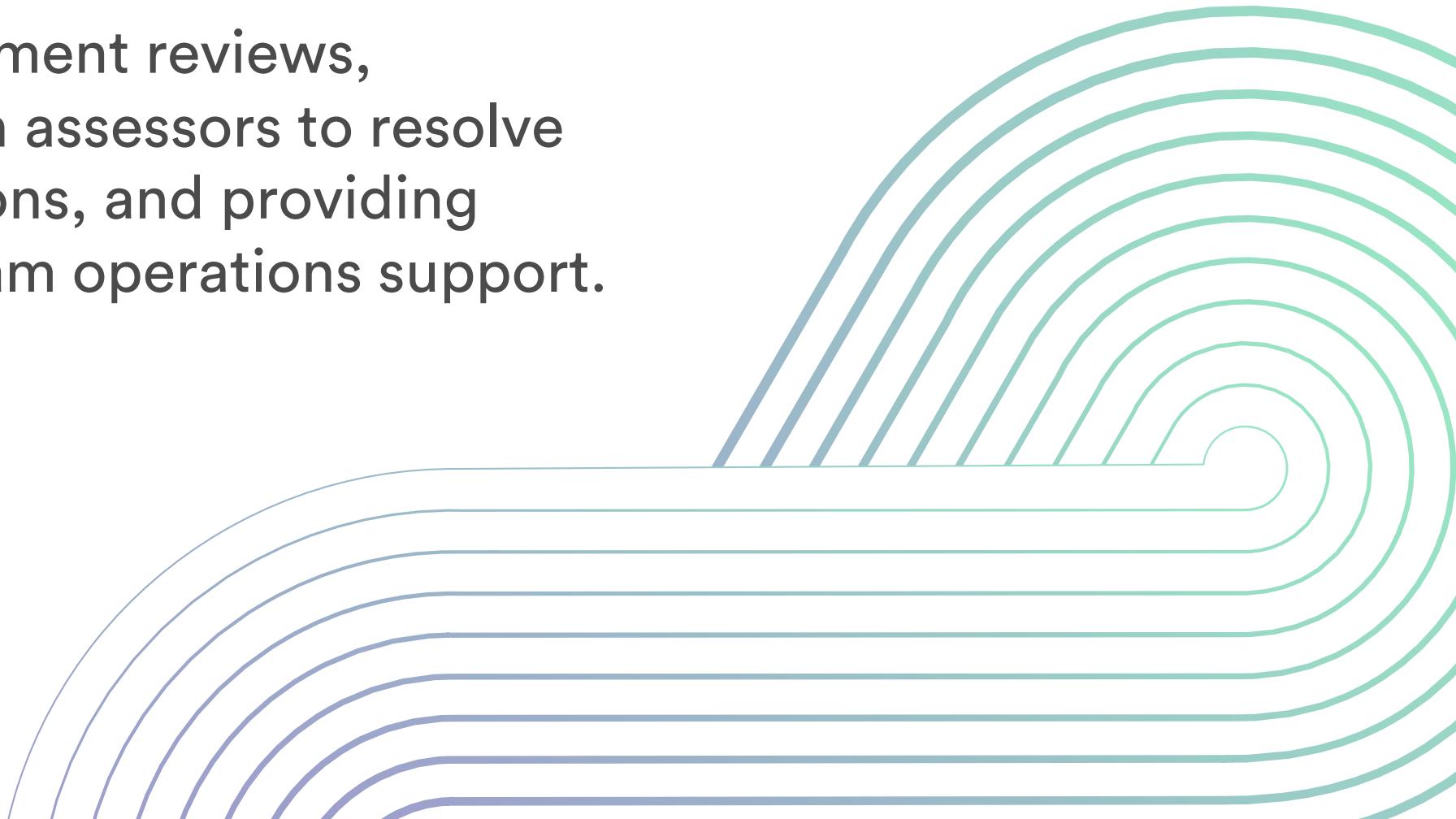
COVID-19 SITE VISIT POLICY

- Extended through **30 June 2022**

- In cases where it is not possible to meet the manufacturing facility site visit verification requirement, a provisional certification may be issued as long as the AB has reviewed the items on the site visit checklist with the applicant company and determined to the best of their ability, through safe and available means, that the certification requirements have been met.

- In all cases, the site visit(s) must be conducted prior to recertification.

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TRANSITION POLICY
NEW PRODUCT CERTIFICATIONS

- Applications and assessment summary forms for certification to **Version 3.1** will be accepted until 30 April 2022 (11:59pm Pacific Time (PDT)). Applications and assessment summary forms received after 30 April 2022 (11:59pm Pacific Time (PDT)) will be required to certify to Version 4.0.

- The deadline for issuance of new product certifications under Version 3.1 will be 1 July 2022.

Please ensure assessments are complete and conducted accurately to avoid a high number of follow-up questions/issues, which may delay the certification process.

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REMINDER: ROLE OF ASSESSORS IN CERTIFICATION PROCESS

ISO 17065 Process Steps:

1 Application (C2CPII)

2 Application Review (C2CPII)

3 Evaluation (C2C Certified Assessment Body)

C2CPII outsources the evaluation/assessment step to ABs)

4 Review (C2CPII)

5 Certification Decision (C2CPII)

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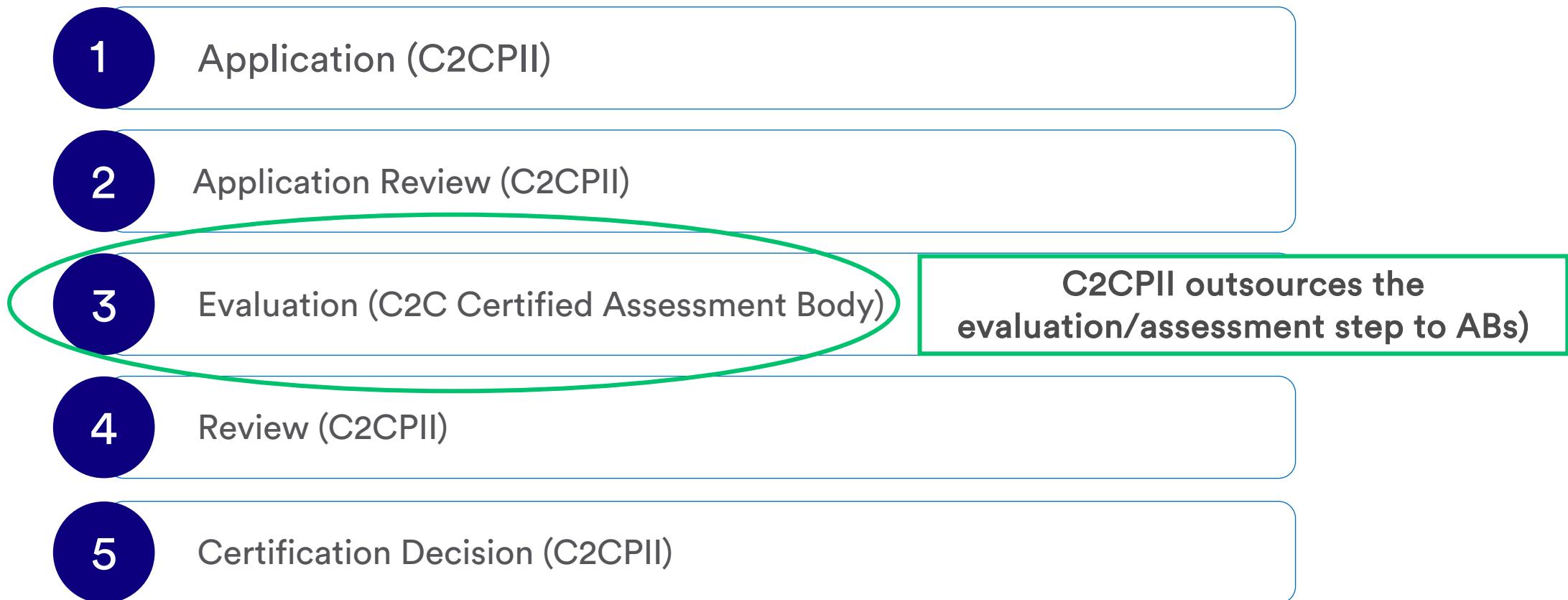
REMINDER: ROLE OF ASSESSORS IN CERTIFICATION PROCESS

- C2C Certified assessors are responsible for:
  - Evaluating/assessing the product to determine its compliance with all standard requirements
  - Following all relevant C2C Certified assessment methodologies to determine standard compliance
- C2CPII team reviews/audits the assessments for completeness; but does <u>not</u> conduct any part of the assessment/evaluation
  - Staff reviewers will vary over time for resource and impartiality purposes
  - Though the intent is to review in the same way, reviewer follow-up questions may vary over time
- If a C2CPII reviewer does not ask/check a particular requirement, it does not mean it is not required

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VERSION 4.0 ASSESSOR TRAINING

- Development on-going; first modules available Q2 2022
- Will complete Material Health and Water & Soil Stewardship training first, then other categories as they are completed
- Using new online training platform, will be accessible 'on-demand' to all assessor staff
- **Please send questions to the C2CPII certification team as needed**
- **Review Version 4.0 User Guidance prior to contacting C2CPII**

…and now a preview of the new training platform

CERTIFICATION OPERATIONS PROCESS IMPROVEMENTS

Sebastian Häfele

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VERSION 3.1 ASF UPDATES
Product Identifier Template

- Updates have been made to the full ASF

- Available on the Assessor Resources page since today

- Additions made for using the Product Identifier Template to specify products covered under certification

- Please remember it's crucial that we clearly define which products or product lines are covered under the certification. Customers should be able to tell certified from noncertified products.

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VERSION 3.1 ASF UPDATES
Final Manufacturing Stage of Product

- Clarifying language has been added about the final manufacturing stage requirements:
  - In some cases, the final manufacturing stage **may include processes that occur at supplier facilities.**
  - Please carefully review the FMS methodology document to ensure that the final manufacturing stage has been accurately defined and supplier facilities included when required.

VERSION 3.1 ASF UPDATES
Other reminders and improvements added throughout

- Further small modifications and updates

- Please begin using these forms immediately in your assessments

- Reminder: The ASFs were not, and still are not, totally comprehensive; there will still be a need to refer to the V3.1 Standard, V3.1 Guidance, and the Material Health Assessment Methodologies

VERSION 3.1 WATER STEWARDSHIP – WATER AUDIT FORM UPDATE

- A formula has been corrected to yield the amount in cubic meters

- Now available on the Assessor Resources page under *Version 3.1 Assessment Data Worksheets and Templates*

VERSION 3.1 AUDIT LOG UPDATE

- Excel based audit log

- Will be used to send comments and questions to assessors as opposed to the previous email exchanges

- Assessors provide responses in the spreadsheet directly, documentation separately

- If necessary, C2CPII provides follow-up questions or requests for further documentation within the spreadsheet until all issues are resolved

Final Issue Description	Status	Assessor comments 1	C2CPII review comments 1	Assessor comments 2	C2CPII review comments 2	
	▼	▼	▼	▼	▼	▼
final comment 1	Open	response1	accepted			

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UPDATES TO THE VERSION 4.0 ASF

- We have received a good number of suggestions and comments on the current version of the V4.0 ASF submitted as comments as well as during the pilot phase

- Thank you for having submitted those comments and suggestions and please keep doing so

- We are currently deciding on a list of changes that will be made in the short term

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VERSION 4.0 UPDATED PRIVATE LABEL CERTIFICATION PROCESS

- More comprehensive process than V3.1 PLC:
  - Complete and sign a Private Label Verification Form
  - If necessary for the achievement level in the Product Circularity category met by the parent product, make a connection to the original equipment manufacturer's or parent product company's take-back program(s) or other cycling initiatives for the product to be cycled as intended
  - Unless meeting all standard requirements disclose that the certification is a private label certification

VERSION 4.0 UPDATED PRIVATE LABEL PRODUCT CERTIFICATION PROCESS

- If the company applying for private label certification does not wish to disclose that the certification is a private label certification, the product and company must meet all standard requirements. This will include:
  - The company-level Social Fairness requirements, and
  - The company-level Environmental Policy and Management requirements unless already met by the final manufacturing stage.

- Currently under development: new private label verification form, Private Label ASF, application process

MATERIAL HEALTH UPDATES

Chris Helt

RECENT UPDATES TO METHODOLOGY DOCUMENTS

In January and February, C2CPII performed minor updates to three methodology documents and released new Bill of Materials forms to support a new RSL compliance pathway based on full material disclosure (announced on 14 December 2021 General Accessor call).

UPDATED METHODOLOGY DOCUMENTS:

- Material Health Assessment Methodology
- Exposure Assessment Methodology
- Recycled Content Materials Assessment Methodology

Minor updates announced to MH Assessors in 17 February email

UPDATED BILL OF MATERIALS (BETA VERSIONS):

- Version 4.0 Supplier Bill of Materials Form
- Version 4.0 Applicant Bill of Materials Form
- Version 4.0 Supplier Bill of Materials Form with RSL Lookup

Announced in 19 January Program Update for Assessors

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RECENT UPDATES TO METHODOLOGY DOCUMENTS (CONT'D)

Material Health Assessment Methodology	• **Endocrine Disruption –** Corrected language in description to match criteria in supporting table. Both now consistently define YELLOW rating as having lack of adverse health effects with endocrine activity. • **Exposure Assessment for the Combined PB Hazard Rating –** Corrected assumption to include PURPLE and RED flags unless closed loop recycling is taking back 80% or more of the product.
Exposure Assessment Methodology	• **Corrected exposure assumption** for the Combined PB Hazard Flag to include PURPLE and RED flags unless closed loop recycling is taking back 80% or more of the product. • **Added verification requirements** for fully closed and sealed avoidance systems or processes. • **Clarified training requirements** for professional users regarding safe handling of product to avoid contact or repeated contact for corrosion/irritation and sensitization, respectively.
Recycled Content Materials Assessment Methodology	• Removed references to **Basic level** and **Version 4.0 draft**. Clarified optional use in Version 3.1 assessments. • Added footnote to clarify **antimony trioxide restriction** at the Silver level in certified products due to Category 2 CMR classification by EU's CLP regulation.

RSL DECLARATIONS – ALTERNATE PATHWAY

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In Version 4.0, a new compliance pathway is now allowed using **full material disclosure attestation**. Details to be added to Version 4.0 User Guidance (announced on 14 December 2021 General Accessor call):

- All companies sign attestation for BoMs indicating that the list is complete and represents all intentional inputs and known chemicals.

- Original compliance pathway: Company signs RSL declaration

- **Alternate compliance pathway: MH Assessors review BoM, confirm RSL compliance*, and sign RSL declarations**, using company's attested full material disclosure.

Updates:

- Version 4.0 User Guidance update to be performed

✅ Attestation language to be added to BoM

✅ RSL lookup tool added to BoM

* MH assessor will be required to review and check for RSL compliance in all cases

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RECENT UPDATES TO METHODOLOGY DOCUMENTS (CONT'D)

Version 4.0 Supplier Bill of Materials Form	• **New attestation language** indicating that the information in the BoM provides full material/chemical disclosure and an accurate product composition, along with a signature field for a company representative.
Version 4.0 Applicant Bill of Materials Form	• Updated Applicant BoM form containing the same **attestation language** and signature field for a company representative. The content in the form is otherwise the same as the previous version of the form.
Version 4.0 Supplier Bill of Materials Form with RSL Lookup	• Additionally, to ease the process of checking chemicals for RSL compliance, C2CPII staff have developed a separate Supplier BoM Form containing new RSL lookup functionality. We encourage assessors to please test this new functionality and provide feedback for improvement.

RECENT UPDATES TO METHODOLOGY DOCUMENTS (CONT'D)

Example of highlighted substance:

Arsenic
7440-38-2

Core List	
Name	CAS
X	X

Bill of Materials: Product Composition				RSL Lookup							
Line #	Part, material, or chemical (trade name, grade, part number, and/or chemical name)	Chemical Abstract Service (CAS) number	% of total weight (indicate ranges if applicable)	Core List		Biological Nutrient Materials		Children's Products		Formualted Consumer Products	
				Name	CAS	Name	CAS	Name	CAS	Name	CAS
1	Water	7732-18-5		-	-	-	-	-	-	-	-
2	Lead	7440-38-2		X	X	X	X	X	X	X	-
3	Arsenic	7440-38-2		X	X	X	X	X	X	X	-
4											
5											

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MHAM REVISION – GOAL AND SCOPE

GOAL:	To update and revise MHAM based on current scientific knowledge and landscape
DOCUMENTS IN SCOPE:	Material Health Assessment Methodology and all supplemental methodologies: MHAM, Exposure, Recycled Content, Mixture Hazard, Colorants, Biological Materials, Geological Materials, Polymer, Externally Managed Component.
OUT OF SCOPE:	RSL, Reference Documents, Policies, Cradle to Cradle Certified Product Standard
CHANGES:	**LEVEL 1 – Minor edits, corrections, or updates** to enhance clarity or usability. *Not anticipated to affect rating criteria.* **LEVEL 2 – Major changes or additions** to update the overall science/state of the art. *Anticipated to affect hazard data interpretation and rating criteria.*

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MHAM REVISION – OPPORTUNITIES TO PARTICIPATE

EXPERT PANEL:

- Small group of toxicology or chemistry experts.
- Provide expert perspective on current methodology, identify opportunities for improvement, and review proposed changes.

| *Participation by invitation only* | *Working meetings held periodically* |

MATERIAL HEALTH ASSESSMENT BODIES:

- Review content / proposals and provide input on proposed methodology changes.

| *Open to all MH Assessment Bodies* | *Periodic engagement via email* |

CERTIFICATION HOLDERS:

- Voluntary engagement in process. Review proposed changes and provide input.

| *Open to all Cert Holders* | *Periodic engagement via email for those interested* |

MHAM REVISION – SHORT TERM PROCESS

1 April, Outreach Begins

C2CPII Outreach

- Expert Panel invitations sent

- MHAB outreach to provide input on changes

- Cert Holder outreach to participate and provide input on changes

May - June

Coordination and Aggregation

Expert Panel formed

Input aggregated with internal C2CPII proposed changes

1 July - onward, Development

Content Development

- C2CPII develops draft content for expert panel discussion / review

- Expert panel meets periodically

- MHABs and interested Cert Holders periodically engaged to review content

Goal to finalize content by end of 2022

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ANNUAL RESTRICTED SUBSTANCES LIST UPDATE

GOAL:	To perform an update based on relevant changes to the source regulations since the RSL's initial release. Annual update is outlined in the RSL itself.
DOCUMENTS IN SCOPE:	Cradle to Cradle Certified Restricted Substances List (RSL)
OUT OF SCOPE:	Other Reference Documents, Policies, Cradle to Cradle Certified Product Standard and any chemically relevant requirements in the Standard itself (e.g., organohalogen restriction, Silver level CMR restriction).
CHANGES:	Chemicals will be added, or removed, based on listing or delisting by source regulations.
TIMELINE:	• Q2 development, SSC approval in June for release by 1 July (first day of Q3) • Current certification holders will be granted a transition period for their certified products to become certified under the newly released version.

MATERIAL HEALTH ASSESSOR CALL SCHEDULE

MATERIAL HEALTH PROJECTS IN 2022:

- Material Health Methodology Training   (Q1 - Q2)
- Material Health Methodology Revision   (Q2 - Q4)
- Restricted Substances List Update   (Q2 - Q3)

MATERIAL HEALTH ASSESSOR CALLS:

- Will be held as needed to support key project milestones (e.g., to present draft and final versions of MHAM revisions)
- Next MH Assessor call to occur in May/June to review RSL update process / content and MHAM revision progress.
- 2 - 3 additional MH Assessor calls anticipated for the rest of 2022 based on project schedule and assessor interest.

2022 PIPELINE PROJECTION

Marisa Guber

CURRENT CERTIFICATIONS

511
CERTIFICATION HOLDERS

933
C2C CERTIFICATIONS

10.000+
PRODUCT VARIATIONS

LEVELS OF C2C CERTIFICATIONS
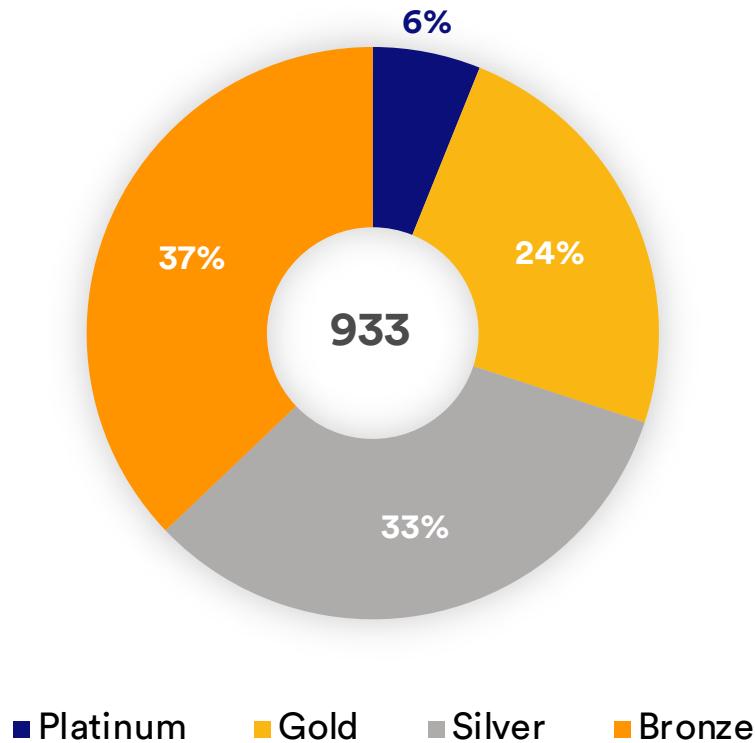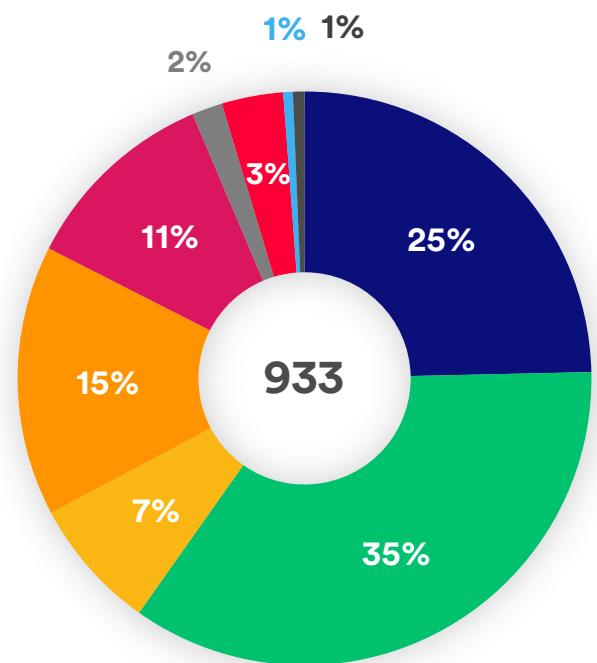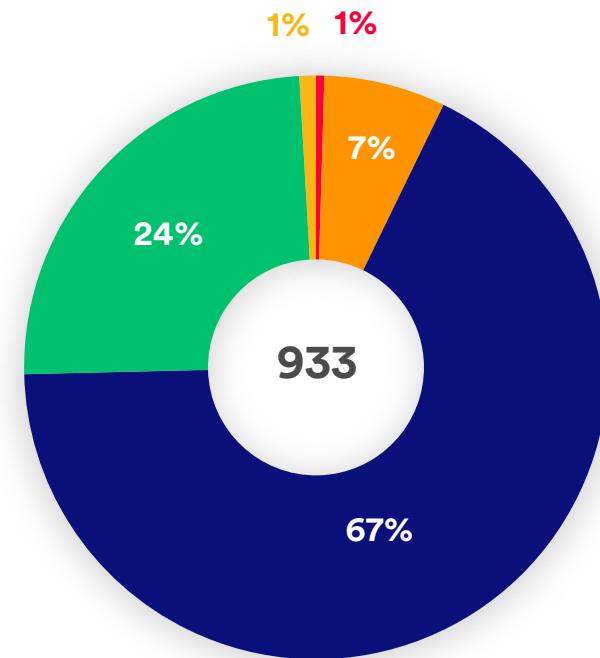
- 6%
- 24%
- 33%
- 37%
- 933

■ Platinum ■ Gold ■ Silver ■ Bronze

2022 CERTIFICATION PIPELINE

377
COMPANIES

456
FULL CERTIFICATIONS

161
MATERIAL HEALTH CERTIFICATES

PROJECT STATUS

- 1%
- 12%
- 55%
- 32%
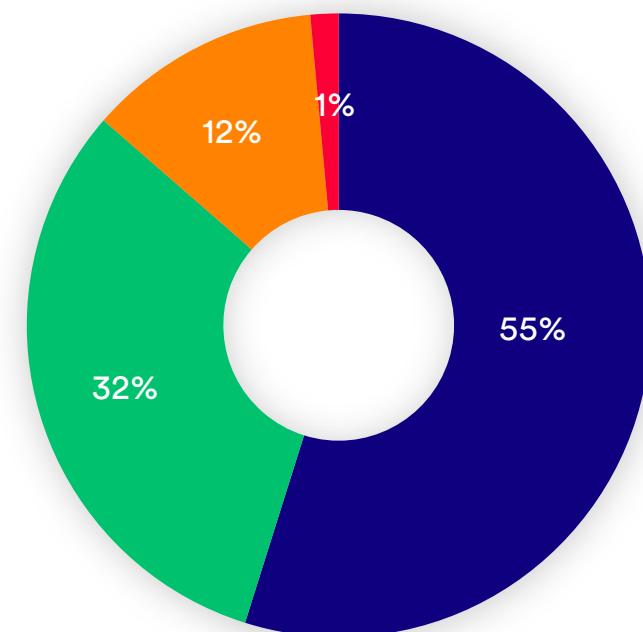
■ Signed Contract   ■ Advanced Conversation
■ Contract under review   ■ Not specified

Status: February 2022

33

2022 CERTIFICATION PIPELINE

377
COMPANIES

456
FULL CERTIFICATIONS

161
MATERIAL HEALTH CERTIFICATES

TYPE

0%

3%

5%

39%

53%

■ New Certification ■ Recertification
■ Both ■ Interim
■ Not Specified

Status: February 2022

2022 CERTIFICATION PIPELINE - SECTORS
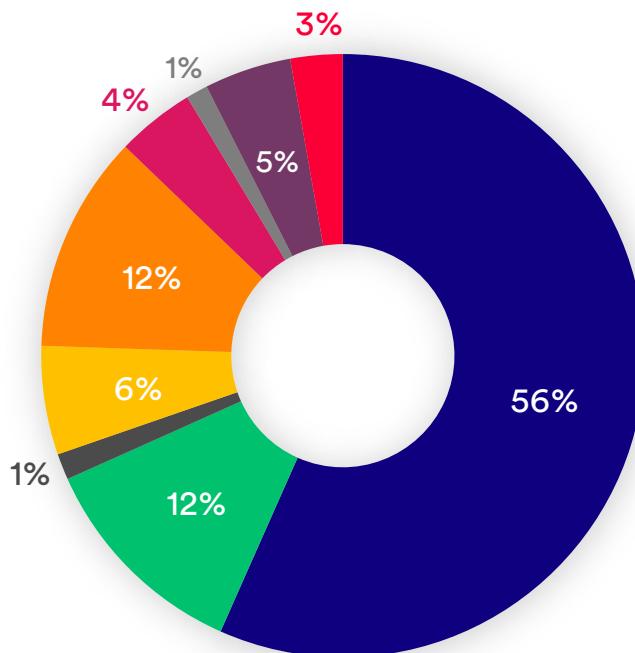
Legend:
- Built Environment & Furnishings
- Textiles, Apparel & Footwear
- Beauty & Personal Care
- Cleaning Products
- Packaging, Print & Paper
- Consumer Products & Toys
- Electronics & Automotive
- Basic Materials
- Other

Chart values: 56%, 12%, 1%, 6%, 12%, 4%, 1%, 5%, 3%

2022 CERTIFICATION PIPELINE - VERSIONS

3%

13%

7%

77%

■ Version 3.1   ■ Version 3.1 with some 4.0   ■ Version 4.0   ■ Not specified
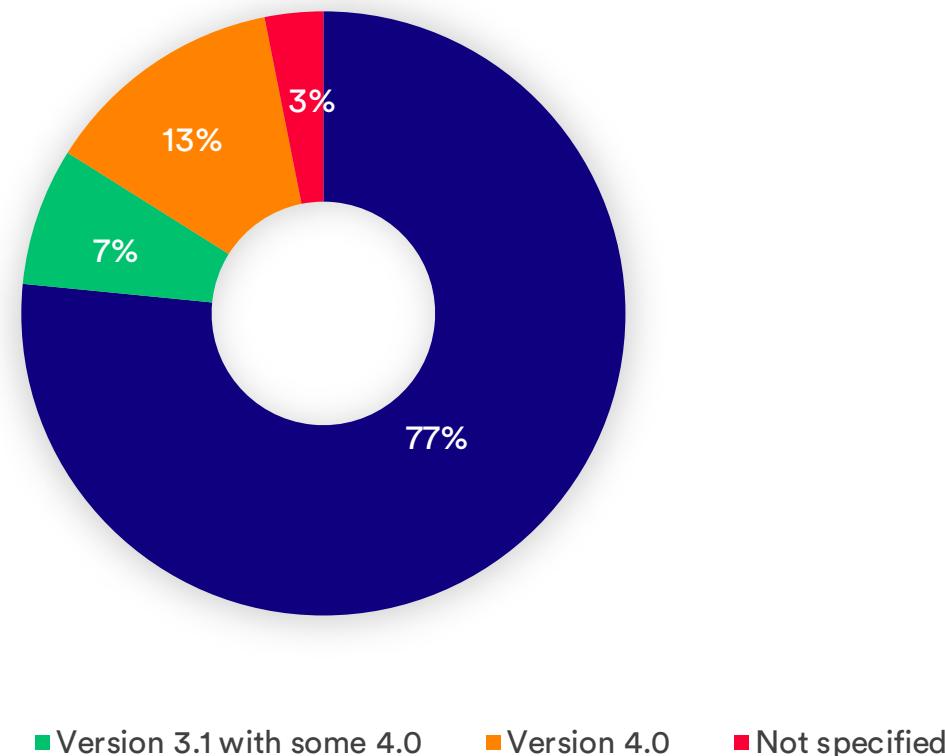
2022 CERTIFICATION PIPELINE - COUNTRIES
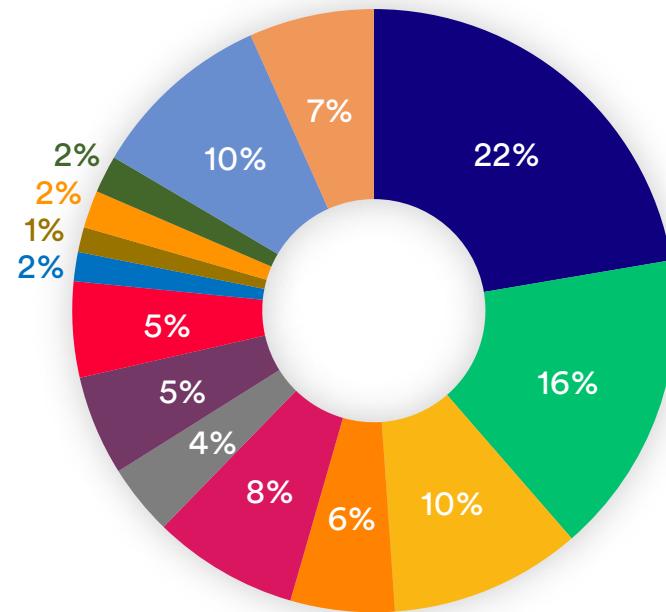
Germany 22%
The Netherlands 16%
United States 10%
Denmark 6%
Spain 8%
Belgium 4%
United Kingdom 5%
France 5%
Sweden 2%
Italy 1%
Switzerland 2%
China 2%
Other 10%
Not Specified / Intl 7%

2022 CERTIFICATION PIPELINE

TIMELINE

160	
140	143
120	
100	
80	
60	
40	
20	
0	

143 — Q1 - Jan - Mar
92 — Q2 - Apr - June
57 — Q3 - July - Sept
23 — Q4 - Oct - Dec
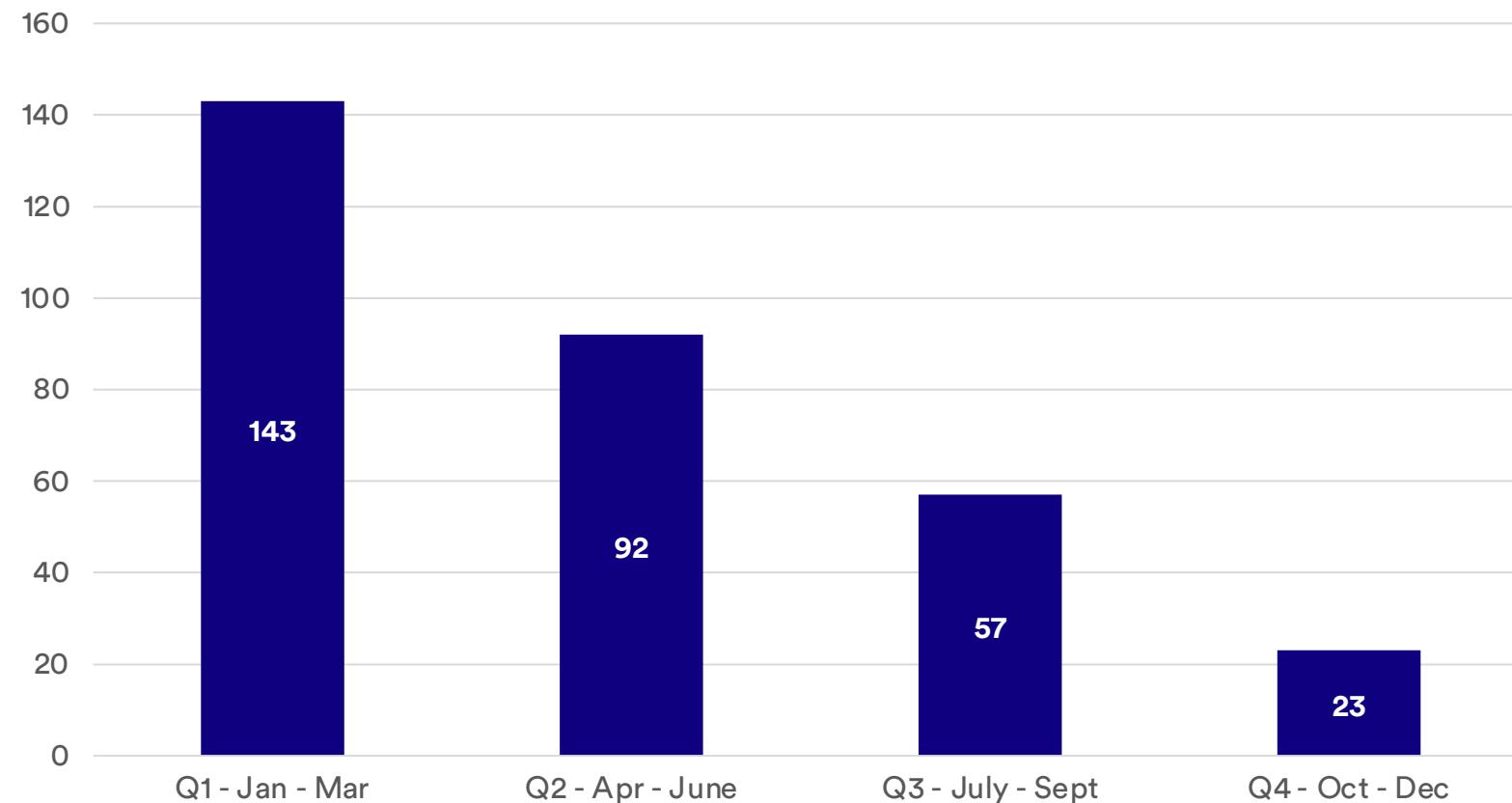
SECTOR UPDATES

Christina Raab

SECTOR FOCUS 2022

TO GROW

- Built environment & furniture

- Apparel, textiles & footwear

- Cosmetics & personal care

- Cleaning & household products

- Packaging & print

TO BUILD

- Electronics

- Automotive

- Kids toys

built environment

- Recognition of C2C Certified Version 4.0 in building programs and rating schemes

  e.g. BREEAM, DGNB, GREEN STAR, HQE, ILFA, LEED, WELL

- Value chain roundtables (architects & designers, developers & owners, investors, public procurers)

- Publication of best C2C practices in specification and application in building / infrastructure projects

textiles & apparel

including footwear

- Solution Forums connecting brands/retailers, component manufacturers, chemicals suppliers

- Facility optimization projects and "first-in-category" product certifications

- User guidance for the sector with best practices in particular on circularity

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cosmetics & personal care

including cleaning products

- Preferred Substances List to guide ingredient innovation

- Innovation Forums on certified formulation and packaging solutions

- Continued recognition of Program and standard in retailer and procurement platforms

packaging

- Establishment of packaging, print & paper user group

- Rolling-out packaging certification across different applications (cosmetics, household, food)

- Practical user guidance, with design/material innovations and system solutions

JUNE EVENTS & INSTITUTE UPDATES

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JUNE EVENTS

circular shift 2022
Amsterdam

C2C Certified Assessor Meeting

8 June

- Registration opens in March.
- Limited seating due to space requirements.

Maximum one representative from each Assessment Body can attend.

9-10 June

- Thursday: 2.30-6.30pm & Dinner
- Friday: 9.00am-12.00pm
- Detailed agenda tbc closer to the date

One management lead from each Assessment Body to attend.

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INSTITUTE UPDATES

C2CPII is hiring two Certification Managers

can be based in the Netherlands, Germany, or United States (East Coast)

Please share these opportunities with your network!

www.c2ccertified.org/about/career-opportunities

TRANSITION

- Bilateral market development calls in March to be held with Christina.

- From April, monthly emails will come from C2CPII team.

- Introductions for companies and C2CPII to be directed to sector leads.

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INTRODUCTIONS TO SECTOR LEADS

Please make direct introductions to the appropriate sector lead with Christina in copy:

- **Ana Quintas** – Lead, Built Environment, EMEA & LATAM
aquintas@c2ccertified.org

- **Bergen Hubert** – Lead, Built Environment, North America & Australasia
bhubert@c2ccertified.org

- **Monica Becker** – Director, Beauty, Personal Care and Household Products
mbecker@c2ccertified.org

- **Nikki Reed** – Associate, Business & Policy nreed@c2ccertified.org
  – Textiles & Apparel (interim)
  – Packaging, Print & Paper (interim)
  – Other sectors: Electronics, Automotive, Basic Materials, Toys etc

CLIENT INTRODUCTIONS TO C2CPII

Suggested Text to Introduce Client Contacts to C2CPII

To ensure companies can maximize the benefits of being part of the C2CPII Community, please send an introductory email as soon as possible after signing the project contract, or before if it would be helpful. We recommend using this suggested text below, which you are welcome to adapt as appropriate.

Please make the direct introduction to the appropriate sector lead as detailed:

- Ana Quintas – Lead, Built Environment, EMEA & LATAM aquintas@c2ccertified.org

- Bergen Hubert – Lead, Built Environment, North America & Australasia bhubert@c2ccertified.org

- Monica Becker – Director, Beauty, Personal Care and Household Products mbecker@c2ccertified.org

- Nikki Reed – Associate, Business & Policy nreed@c2ccertified.org
    - Textiles & Apparel (interim)
    - Packaging, Print & Paper (interim)
    - Other sectors: Electronics, Automotive, Basic Materials, Toys etc

Q&A

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THANK YOU

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