

# Cradle to Cradle Certified Material Health Assessor Call

10 November 2021

## PURPOSE

*Increase alignment and consistency in the way Material Health assessments are conducted by providing a venue for open dialogue between our four Material Health assessment organizations*

# AGENDA

- *Announcements and Updates:*
  - Updated Material Health Assessment Methodology documents
  - Use of Material Health Certificates in Full Cradle to Cradle Certifications
  - Material Health Assessment Methodology Revision
  - Material Health Assessment Methodology Training
  - Recycled content testing
  - New Material Health Assessment Attestation Form
- *Discussion Topics:*
  - RSL Declarations for v4 Certifications
  - Other topics

# **ANNOUNCEMENTS and UPDATES**

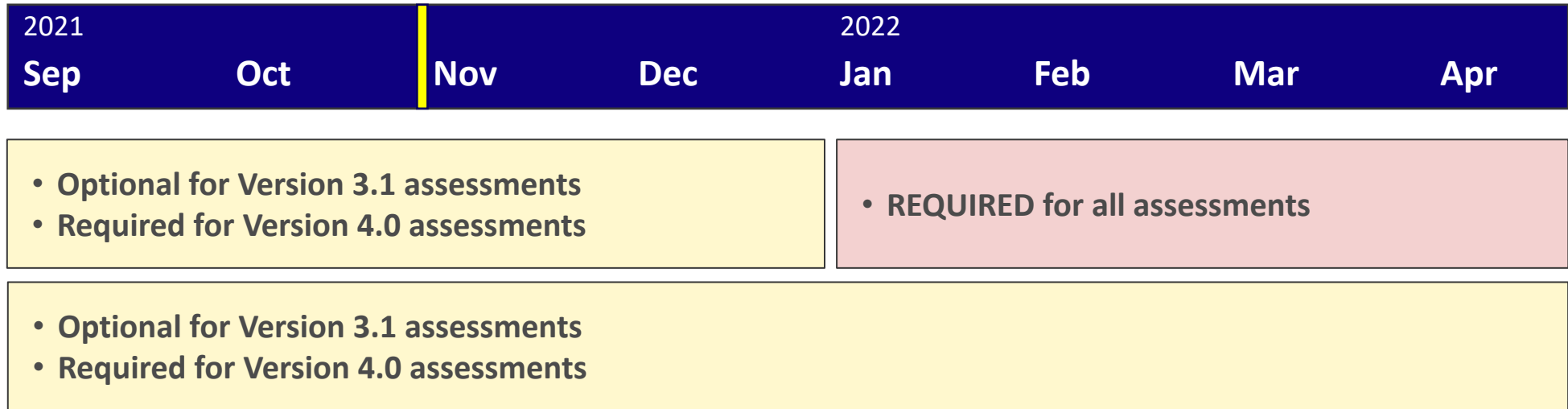
# UPDATED MATERIAL HEALTH ASSESSMENT METHODOLOGY

- Updates to the Material Health Assessment Methodology and Recycled Content Assessment Methodology are required for use in Version 4.0 assessments.
  - Finalized documents will be posted on website by Friday
  - [Recycled Content Assessment Methodology](#) has been updated along with the [Analyte List](#)
- Use of the updates to the Material Health Assessment Methodology will be **required** for all Version 3.1 assessment summary forms received on or after **1 January 2022**. Before this date, the updates may optionally be used.
- Use of the new Recycled Content Assessment Methodology will be optional for all Version 3.1 assessments (the prior method may be used under Version 3.1 including after 1 January).

# TRANSITION TIMELINE

*MH Assessment  
Methodology  
updates*

*Recycled Content  
Assessment  
Methodology  
updates*



# MATERIAL HEALTH ASSESSMENT METHODOLOGY

## UPDATED DOCUMENTS

Document	Update
Material Health Assessment Methodology	<ul style="list-style-type: none"><li>• Combined PB Hazard Rating</li><li>• Climatic Relevance update</li></ul>
Exposure Assessment Methodology	<ul style="list-style-type: none"><li>• Final manufacturing stage update</li><li>• Appendix updated for limits to assessment of effluent and air</li></ul>
Polymer Assessment Methodology	<ul style="list-style-type: none"><li>• Updated subject to review limit for v4 (1000 ppm threshold remains for v3.1)</li></ul>
Biological Materials Assessment Methodology	<ul style="list-style-type: none"><li>• Furmecyclox removed from list of pesticides</li><li>• Clarified process to reduce the list of required analytes</li></ul>
Geological Materials Assessment Methodology	<ul style="list-style-type: none"><li>• Clarified alternative testing for banned list metals which includes leach testing conducted in accordance with EN12457-2:2002</li></ul>
Externally Managed Component Assessment Methodology (new document)	<ul style="list-style-type: none"><li>• Initial release</li></ul>

# USE OF MATERIAL HEALTH CERTIFICATES IN FULL CRADLE TO CRADLE CERTIFICATIONS

## Uses of Version 3.1 and Version 4.0 Material Health Certificates:

- Version 3.1 MHCs can be used in Version 3.1 full certifications
- Version 4.0 MHCs can be used in Version 4.0 full certifications
- Version 4.0 MHCs can be used in Version 3.1 full certifications

**Note:** *Version 3.1 MHCs CANNOT be used in Version 4.0 full certifications*



# MATERIAL HEALTH ASSESSMENT METHODOLOGY REVISION

**Timing:**

- 2022

**Objective:**

- To revise MHAM based on current scientific knowledge

**Likely Topics:**

- All references to be updated (e.g., GHS Rev. 9)
- Hazard rating criteria updated:
  - MAK (Category 3A is obsolete), IARC (Group 4 is obsolete)
- Overall science/state of the art update
  - Endocrine disruptors, asthmagens, EMCs

# MATERIAL HEALTH ASSESSMENT METHODOLOGY TRAINING

## Timing:

- Delivery anticipated in Q1, 2022

## Objective:

- To provide easily accessible training for all current and future C2C Certified Material Health assessors

## Topics covered:

- Full Certification coverage (e.g., process, product eligibility, general requirements, **material health**, product circularity)
- C2C Certified Material Health assessment methodologies

## Format:

- Web-based recordings accessible on demand

# RECYCLED CONTENT TESTING

- Recycled Content Materials Assessment Methodology requires analytical testing of commonly recycled materials to verify compliance with C2C RSL
- A process for potential reduction of tested analytes exists (Section 2.3.2)
  - Assessor must provide a clear rationale, examples provided in the methodology
- C2CPII is currently exploring opportunities with analytical labs to make testing more streamlined

# NEW MATERIAL HEALTH ASSESSMENT ATTESTATION FORM

- Effective 1 December 2021, a completed and signed [Material Health Assessor Attestation Form](#) must be submitted to C2CPII with the Assessment Summary Form
- Applies only to assessments where the lead Assessment Body is not authorized to conduct Material Health assessments and therefore did not conduct the Material Health assessment for the product.
- Ensures that all Material Health assessments are in conformance with the requirements of ISO/IEC 17021-1 and 17065, the standard, and the assessment methodologies.
- Form is available on the Assessor Resources page

# Discussion Topics

# RSL DECLARATIONS FOR V4 CERTIFICATIONS

- In V3.1, alternatives to the declarations were acceptable (i.e., full material disclosure could be used in place of Banned List declarations)
- In V4, applicants must demonstrate compliance with v4 RSL via supplier declarations
  - This compliance provides an extra check on full material disclosure during certification
- Input received from MH Assessors:
  - Obtaining supplier declarations is challenging and inhibits the certification process
  - RSL Excel format is unhelpful

# OTHER TOPICS?

- Open discussion

# Other Announcements

- Invitations for MH Assessor calls for 2022 to be sent in December
- Contact info:
  - [chelt@c2ccertified.org](mailto:chelt@c2ccertified.org)
  - [esther@c2ccertified.org](mailto:esther@c2ccertified.org)
  - [certification@c2ccertified.org](mailto:certification@c2ccertified.org)



# Thank you

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