



THIRD PARTY REVIEWS

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SCHC Annual Meeting

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Who is a third party and What is a third party review?

When should a third party review be undertaken?

Not all third party reviews are created equal: Begin with an end in mind!

Resources to learn more about third party reviews

OVERVIEW



INTERNATIONAL
STANDARD

ISO/IEC
17000

Second edition
2020-05

Conformity assessment — Vocabulary
and general principles

Évaluation de la conformité — Vocabulaire et principes généraux



WE LIKE TO PARTY: WHO IS A FIRST, SECOND, AND THIRD PARTY?

- ▶ **Third party** is defined by ISO/IEC Standard 17000 (Conformity Assessment) as a person or body who is independent of the person or organization that provides the object, and of the user interests in that object”
- ▶ **Second party** is someone related to the person/organization (such as a consultant) declaring that the person/organization is competent
- ▶ **First party** is a person/organization self-attesting that they are competent or meet some standard

Credibility

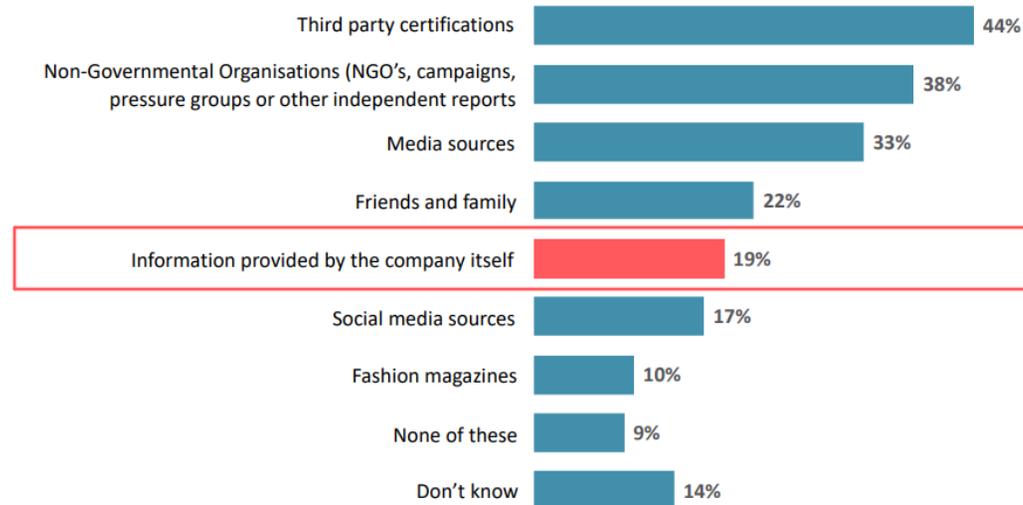


WHY GO TO A THIRD PARTY?

- ▶ By definition, a third party is an independent and credible organization
- ▶ Consumers place much greater trust on third party reviews than other sources

Less than one in five (19%) find information provided by the company itself as the most trusted source of information about how sustainable a clothing brand is

Q.10 Which sources of information, if any, would you trust if you wanted to find out how sustainable a clothing brand is?



Ipsos Public Affairs

Base: All adults aged 16-75 (7701). Fieldwork dates: 19th – 26th October 2018

WHY GO TO A THIRD PARTY?

Consumers place greater trust in third party reviews



Third party reviews help avoid greenwashing

“Greenwashing” is attributed to environmentalist Jay Westerveld -
-His 1986 essay described the hotel industry falsely promoting reuse of towels as part of an environmental strategy

Greenwashing can be defined as the practice of falsely marketing products or services as environmentally friendly



<https://www.recordonline.com/story/news/2009/08/01/greenwashing-gets-his-goat/51926672007/>

<https://www.theguardian.com/sustainable-business/2016/aug/20/greenwashing-environmentalism-lies-companies>

WHY GO TO A THIRD PARTY?

CLIMATE
PLEDGE
FRIENDLY



Example: Amazon's Climate Pledge Friendly Program

- ▶ Third party reviews can differentiate your product and increase sales
- ▶ **Amazon's Climate Pledge Friendly Program** recognizes more than 25 ecolabels
- ▶ Since launching in September 2020, Amazon has partnered with 20,000 brands and have over 300,000 products

This is just the beginning.

Climate Pledge Friendly recognizes products with improvements in at least one aspect of sustainability. We will be adding more certifications and working with manufacturers to certify more products over time.



How do products qualify?

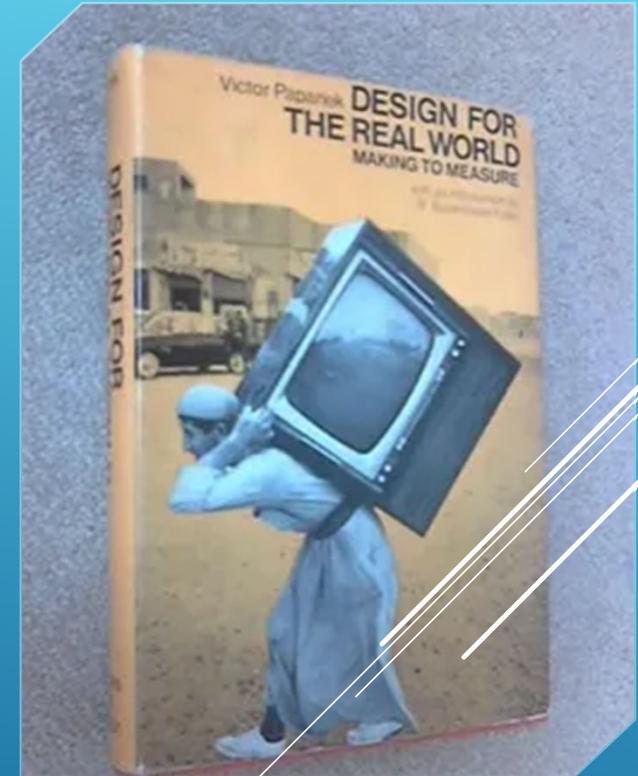
Climate Pledge Friendly highlights products that are certified by one of the sustainability certifications featured on our certification page or by our own certifications, Compact by Design or Pre-owned Certified.

[See all certifications >](#)

<https://www.amazon.com/b?node=21221607011>

WHEN TO UNDERTAKE A THIRD PARTY REVIEW?

- ▶ Victor Papanek's 1971 book "Design for the Real World: Human Ecology and Social Change" introduced the concept that industrial designers have a responsibility to themselves and to the world at large
- ▶ He calls out that nearly all major disfigurements of Earth have been created by humans
- ▶ Mr. Papanek observed that "Design, if it is to be ecologically responsible and socially responsive, must be revolutionary and radical."



A third party review leverages expertise of an outside party and allows the third party to do the "heavy lifting"

WHEN TO UNDERTAKE A THIRD PARTY REVIEW?

▶ A third party review evaluates whether a product has a positive environmental profile and can assess one or more of the following attributes:

- Chemistry/Material Health
- Carbon
- Circularity

▶ Remember that chemistry, carbon, and circularity are necessary but not sufficient parameters for sustainability

- ▶ They should be used along with UN SDGs



NOT ALL THIRD PARTY REVIEWS ARE CREATED EQUAL: BEGIN WITH AN END IN MIND!

Inventory	Characterize	Screen	Optimize
1. Chemical Footprint: Chemical Inventory			
2. Health Product Declaration (HPD): Chemical Inventory and Hazard Characterization			
3. Declare Label: Chemical Inventory and Hazard Characterization			
4. GreenScreen® Certified: Chemical Inventory, Hazard Characterization, Chemical Screening, and Optimization Potential			
5. U.S. EPA Safer Choice Certification: Chemical Inventory, Hazard Characterization, Chemical Screening, and Optimization Potential			
6. Cradle to Cradle Certified®: Chemical Inventory, Hazard Characterization, Chemical Screening, and Optimization Potential			

HPD EXAMPLE

Note that HPDs can be performed by a manufacturer OR by a third party



Health Product Declaration v2.3
 created via: HPDC Online Builder

APPLICANT'S QUARTZ SURFACE
 by APPLICANT

HPD UNIQUE IDENTIFIER: (available when published)
 CLASSIFICATION: 12 36 61.19 Quartz Agglomerate Countertops
 PRODUCT DESCRIPTION: Quartz-based engineered stones are produced from up to 93% pure natural quartz aggregates which are adhered with polymer resin and colored powder.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
<input type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	<input type="radio"/> 100 ppm <input checked="" type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	<input checked="" type="radio"/> Completed <input type="radio"/> Partially Completed <input type="radio"/> Not Completed Explanation(s) provided : <input checked="" type="radio"/> Yes <input type="radio"/> No	Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No Provided weight and role. Screened <input checked="" type="radio"/> Yes <input type="radio"/> No Provided screening results using HPDC-approved methods. Identified <input type="radio"/> Yes <input checked="" type="radio"/> No Provided name and CAS RN or other identifier.
Threshold Disclosed Per <input type="radio"/> Material <input checked="" type="radio"/> Product			

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
 GREENSCREEN SCORE | HAZARD TYPE
 VICOSTONE QUARTZ SURFACE [CRISTOBALITE LT-1 | CAN | | MAM |
 GEN QUARTZ BM-1 | CAN | | MAM | GEN UNDISCLOSED NoGS

Number of Greenscreen BM-4/BM3 contents ... 1
 Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...
 LT-1, BM-1, LT-P1
 Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Vicostone worked with the HPDC Approved Preparer to confirm that all intentionally added ingredients, residuals and impurities were considered under the preparation of this HPD. This was accomplished

HPD PUBLIC REPOSITORY

More than 6,000 HPDs indexed in repository

Easy way to search for HPDs

Support Contact Manufacturers Download Queues Register Sign In

HPDC HPD Public Repository

Withdrawn HPDs

HPD Version

All

✓ 2.3

LEED v4/v4.1 credit options

Pre-checked for LEED v4.1 Option 1

Pre-checked for LEED v4 Option 1

Pre-checked for LEED v4 Option 2

Pre-checked for LEED v4 Option 1 and Option 2

Pre-checked for LEED v4 Option 1 and 2

No pre-checks completed or disclosed

Apply | Clear

Inventory Type

Basic

Nested

Third Party Verified

No

Yes

F-0265858 Texture Play/valdese weavers/2022-09-20
F-0265858 (Texture Play) by Valdese Weavers Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29910 CLASSIFICATION: 09 72 19 Textile Wall ...

Novawall EcoTrack/Novawall Systems/2022-09-20
Novawall EcoTrack by Novawall Systems Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29909 CLASSIFICATION: 09 83 00 Acoustic Finishes ...

OPACICOAT300 WaterBased Silicone Spandrel/ICD High Performan...
OPACI-COAT-300® Water-Based Silicone Spandrel by ICD High Performance Coatings Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29906 ...

GENNEX WATERBORNE COLORANT GRAY 229 S2/Benjamin Moore & ...
GENNEX WATERBORNE COLORANT GRAY (229 S2) by Benjamin Moore & Co. Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29904 CLASSIFICATION: 09 ...

Unfaced Fiberglass Batt Wrap and Blanket Insulation Acrylic ...
Unfaced Fiberglass Batt, Wrap and Blanket Insulation Acrylic Binder by Saint Gobain Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29902 ...

LM CURE W2/LATICRETE International/2022-09-16
L&M™ CURE W2™ by LATICRETE International Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29901 CLASSIFICATION: 03 39 23.13 Chemical ...

LM CURE W/LATICRETE International/2022-09-16
L&M™ CURE W™ by LATICRETE International Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29900 CLASSIFICATION: 03 39 23.13 Chemical Compound ...

LM CITREX/LATICRETE International/2022-09-16
L&M™ CITREX™ by LATICRETE International Health Product Declaration v2.3 created via: HPDC Online Builder HPD UNIQUE IDENTIFIER: 29899 CLASSIFICATION: 01 93 00 Facility Maintenance ...

<https://www.hpdc-collaborative.org/hpd-public-repository/>

HPDS CAN BE PREPARED BY HPDC APPROVED PREPARERS OR HPDS CAN BE VERIFIED BY HPDC APPROVED VERIFIERS



The HPDC Third Party Preparer Program enables manufacturers to work with independent preparers to ensure that HPDs they have created are compliant with the HPD Open Standard. The Program is underpinned by the credibility of the HPD Open Standard and the expertise of the approved preparers. This expertise is determined through a rigorous application and approval process, backed up with periodic audits to ensure continued compliance with program guidelines, and overseen by HPDC staff and the HPDC Technical Committee. Upon successful approval, firms become an "Approved Preparer" and are authorized to display the HPDC logo with this designation.

Each preparer has a unique system and pricing model for conducting preparations, as well as additional services they may offer. We encourage you to explore the Approved Preparers in our Program, who have each provided a brief summary below, to learn more about their services and how they can meet your preparation needs. Please contact these firms directly to discuss your preparation needs with them. If you have questions about the Third-Party Preparer program, or are interested in becoming an Approved Preparer, please contact us at TPVerification@hpd-collaborative.org.

HPDC Approved Preparers



Learn more about the HPDC Approved Preparer Program

If you're a consulting organization who has demonstrated the knowledge and experience necessary to provide assistance to manufacturers in the preparation of accurate and complete Health Product Declarations (HPDs), please visit these links to learn more:

[Approved Preparer Program](#)

[Requirements & Process](#)

[Information Request](#)



Learn all about the newly-introduced HPDC Third Party Verification Program! Designed for manufacturers who are contemplating verification for their HPDs, this presentation is hosted by HPDC Executive Director Wendy Vittori. HPDC Program Manager John Geyer provides a brief overview of the program and introduces you to the approved verification firms that have successfully completed the application process and are now ready to work with manufacturers to verify your HPDs.

[Watch The Webinar](#)

[View The Presentation](#)

HPDC Approved Verifiers



Declare.

Product Name Manufacturer

Final Assembly: First City, State, Country;
Second City, State, Country; Third City, State, Country
Life Expectancy: 50 Years
Embodied Carbon: # kg CO₂-eq =
Declared Unit: # m²
End of Life Options: Recyclable (95%), Landfill (5%),
Take Back Program (Program Name/Location)

Ingredients:

Your First Component: Sustainably Sourced Ingredient;
LBC Red List Ingredient: **Your Second Component:**
LBC Watch List Priority for Inclusion: Non-Toxic Ingredient;
Undisclosed (<0.1%)²

¹LBC Temp Exception RL-009 Formaldehyde
²LBC Temp Exception RL-004var.a Proprietary Ingredients

Living Building Challenge Criteria: Compliant

I-13 Red List:

LBC Red List Free % Disclosed: 99.9% at 100ppm
 LBC Red List Approved **VOC Content:** # g/L
 Declared

I-10 Interior Performance: CDPH Standard Method v1.2-2017
I-14 Responsible Sourcing: Product Available with FSC Chain of
Custody

XXX-XXXX
EXP. 01 OCT 2021
Original Issue Date: 20XX

Third
Party
Verified

MANUFACTURER CLAIMS VERIFIED BY THIRD PARTY VERIFIED ASSESSOR
INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

ILFI DECLARE LABEL

Declare labels disclose all intentionally-added ingredients and residuals at or above 100 ppm (0.01%) present in a product by weight

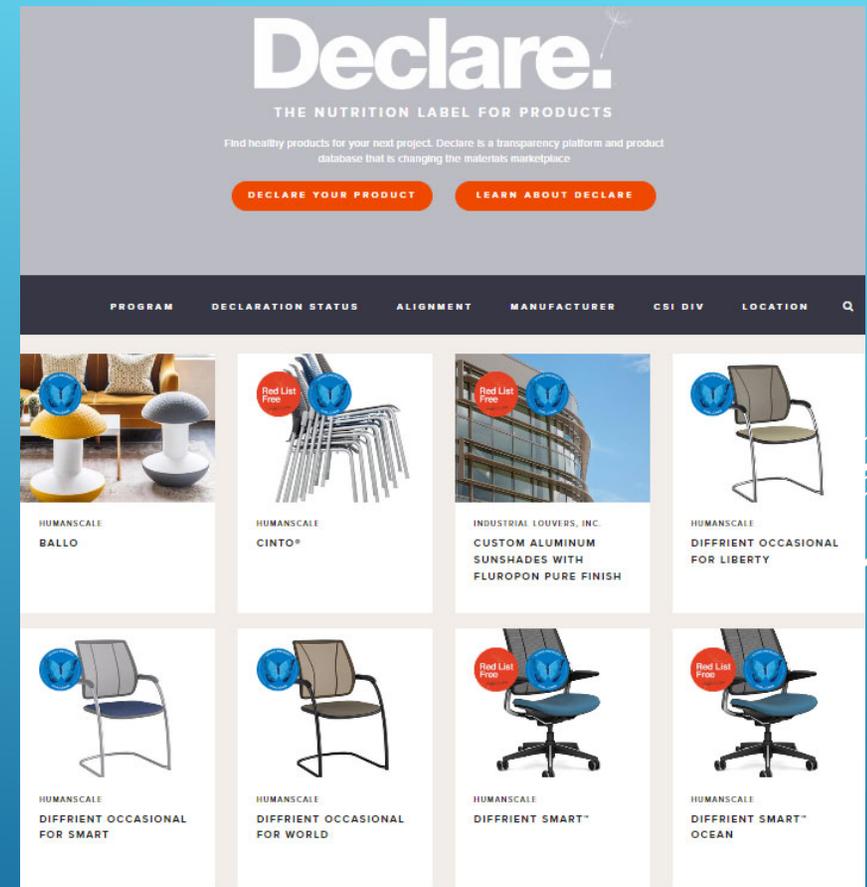
Declare screens a product's ingredients directly against the Living Building Challenge (LBC) Red List

- **LBC RED LIST FREE** products disclose 100% of ingredients present at or above 100 ppm (0.01%) in the final product and do not contain any Red List chemicals.
- **LBC RED LIST APPROVED** products disclose a minimum of 99% of ingredients present in the final product and meet the LBC Red List Imperative requirements through one or more approved exceptions.
- **DECLARED** products disclose 100% of ingredients present in the final product but contain one or more Red List chemicals that are not covered by an approved ILFI exception

DECLARE LABEL

A DECLARE LABEL ANSWERS THREE QUESTIONS:

1. WHERE DOES A PRODUCT COME FROM?
2. WHAT IS IT MADE OF?
3. WHERE DOES IT GO AT THE END OF ITS LIFE?



Declare labels are indexed in the Declare Label online registry
<https://declare.living-future.org/>

CRADLE TO CRADLE CERTIFIED®

C2C is considered one of the most robust sustainability-related certifications because it is multi-attribute

- Products are assessed against five different endpoints
- There are ten general C2C assessors and four material health assessors to choose from



 material health	Material Health: ensuring materials are safe for humans and the environment
 product circularity	Product Circularity: enabling a circular economy through regenerative products and process design
 clean air & climate protection	Clean Air & Climate Protection: protecting clean air, promoting renewable energy, and reducing harmful emissions
 water & soil stewardship	Water & Soil Stewardship: safeguarding clean water and healthy soils
 social fairness	Social Fairness: respecting human rights and contributing to a fair and equitable society

 ARCHE Consulting Location: Ghent, Belgium Languages: Dutch, English & French www.arche-consulting.be	 C2C Platform Location: Brussels, Belgium Languages: Dutch, English, French, Italian & Turkish www.c2cplatform.eu	 Eco Intelligent Growth Locations: Spain, France, Portugal, Bangladesh, and Pakistan, with Worldwide activities Languages: Spanish, English, Catalan, Italian, French, Russian, Turkish, Urdu, Portuguese, Dutch, & Bengali. www.ecointelligentgrowth.net
 EPEA PART OF DREES & SOMMER EPEA – Part of Drees & Sommer Locations: Germany, Netherlands, Belgium, Luxemburg, France, Europe, China & Asia, Russia Languages: English, German, French, Spanish, Italian, Dutch, Portuguese, Chinese, Romanian, Turkish, Finnish, Danish https://epea.com/	 EPEA Switzerland Locations: Switzerland with Worldwide activities: Austria, Germany, Italy, Hungary, Slovenia, European Union, Pakistan, Bangladesh, Vietnam and Cambodia Languages: Bengali, Croatian, Danish, English, French, German, Hungarian, Italian, Norwegian, Serbian, Slovenian, Spanish, Urdu and Vietnamese www.epea.switzerland.com	 McDonough Braungart Design Chemistry (MBDC) Location: Charlottesville, Virginia Language: English www.mbdc.com
 T-X SERVICES	 upcyclea Be Ethical. Think Green.	 vito

CRADLE TO CRADLE CERTIFIED®

C2C online product registry indexes products and includes product scorecards

The screenshot shows the Cradle to Cradle Certified Products Registry website. It features a search bar, a sidebar with filters for categories and levels, and a grid of product listings. The listings include items like 'Stevie' Garments Collection, 'Wellicious' yoga clothing, and Accoya® Color wood.

Baby Care Products JOHNSON & JOHNSON CONSUMER HEALTH



Certification Standard Version 3.1
Renewal Date: 17 May 2024

Certification Resources

- [Cradle to Cradle Certicate](#)
- [List of Certified Products](#)



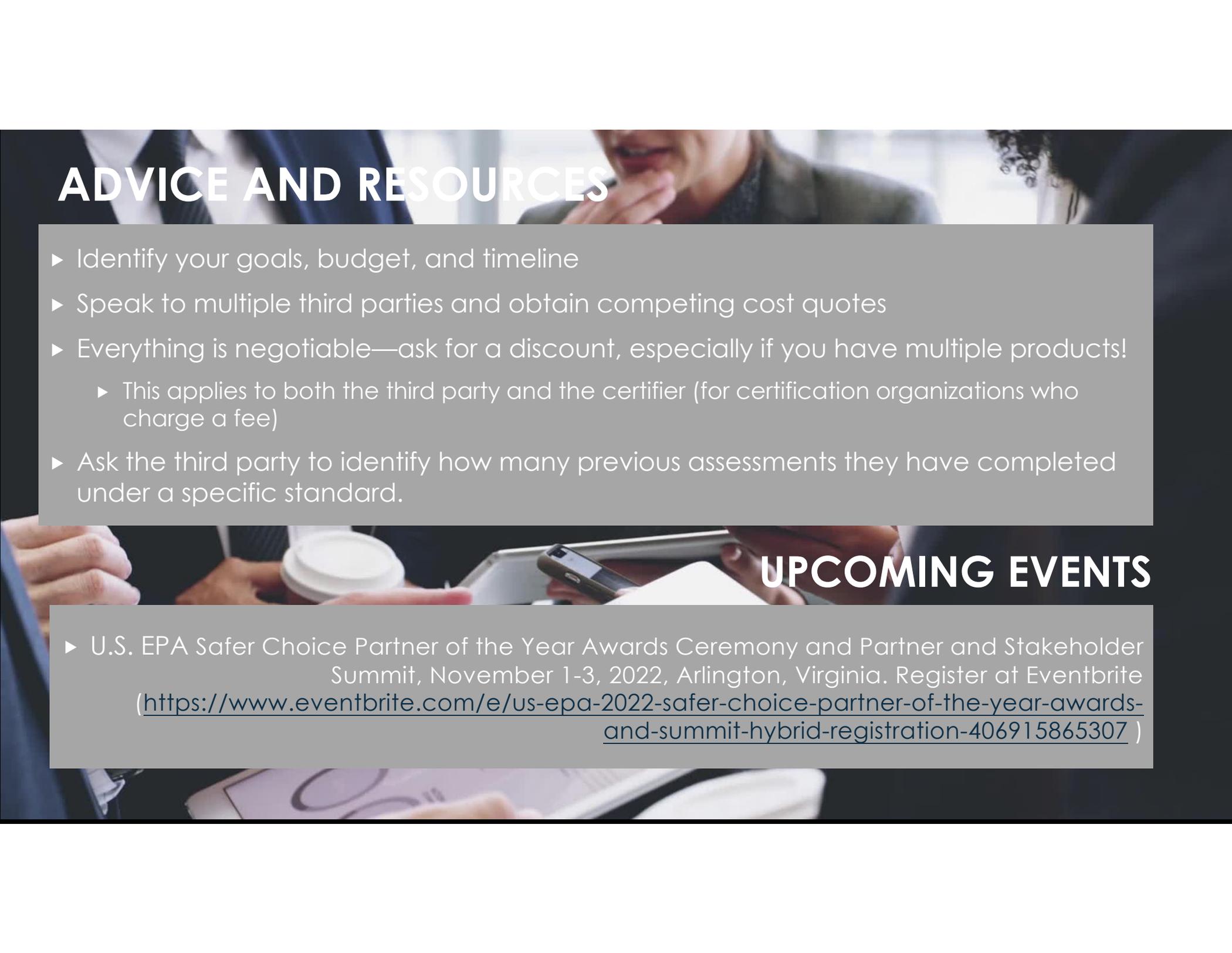
Cradle to Cradle Certified® Product Scorecard	
MATERIAL HEALTH Version 3.1	Silver
MATERIAL REUTILIZATION Version 3.1	Silver
RENEWABLE ENERGY & CARBON MANAGEMENT Version 3.1	Silver
WATER STEWARDSHIP Version 3.1	Silver
SOCIAL FAIRNESS Version 3.1	Silver

Filed under: **Health & Beauty, Bath & Body**

<https://www.c2ccertified.org/products/registry>

Estimated Cost and Time of Example Third Party Evaluations

Program	Cost Range	Completion Time Estimate	Comment/Links
Health Product Declaration 2.3 (HPD)	\$2,000 - \$6,000	1 month	An HPD is valid for 3 years. https://www.hpd-collaborative.org/
Declare Label	\$1,500 - \$3,000	1 month	A Declare label is valid for 1 year. https://declare.living-future.org/
GreenScreen® for Safer Chemicals Certification	\$15,000-\$20,000	6-8 weeks	A GreenScreen certification is valid for 5 years with annual renewals; there is a certification fee paid to CPA. Analytical testing is required. https://www.greenscreenchemicals.org/certified
U.S. EPA Safer Choice Certification	\$4,000-\$9,000	6-8 weeks	A Safer Choice certification is valid for 3 years, with on-site audit, a desk audit, and a renewal audit occurring during the cycle. Performance testing is required. No certification fee is paid to EPA.
Cradle to Cradle Certified® Full Certification	\$20,000 - \$50,000	6 Months	A Cradle to Cradle Certification is valid for 2 years. An on-site audit is required at inception. Analytical testing (RSL compliance and recycled content, if applicable) is required). Certification fees are paid to C2CPII.
Cradle to Cradle Certified® Material Health Certificate	\$6,000 - \$20,000	3 Months	A Cradle to Cradle Material Health Certification is valid for 2 years. An on-site audit is required at inception. Analytical testing (RSL compliance is required). Certification fees are paid to C2CPII.

A background image showing a group of business professionals in a meeting. A woman in the center is speaking, with her hand near her chin. To her left, a man in a suit is partially visible. To her right, another person with curly hair is partially visible. The scene is brightly lit, suggesting an office or conference room setting.

ADVICE AND RESOURCES

- ▶ Identify your goals, budget, and timeline
- ▶ Speak to multiple third parties and obtain competing cost quotes
- ▶ Everything is negotiable—ask for a discount, especially if you have multiple products!
 - ▶ This applies to both the third party and the certifier (for certification organizations who charge a fee)
- ▶ Ask the third party to identify how many previous assessments they have completed under a specific standard.

UPCOMING EVENTS

- ▶ U.S. EPA Safer Choice Partner of the Year Awards Ceremony and Partner and Stakeholder Summit, November 1-3, 2022, Arlington, Virginia. Register at Eventbrite (<https://www.eventbrite.com/e/us-epa-2022-safer-choice-partner-of-the-year-awards-and-summit-hybrid-registration-406915865307>)



THANK YOU!
PLEASE CONTACT ME WITH QUESTIONS

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