

Cradle to Cradle Certified™ and UN Sustainable Development Goals *A Transformative Pathway for Product Manufacturers to Achieve the SDGs*

The Cradle to Cradle Certified™ Product Standard offers a pathway for product manufacturers to make measurable progress towards UN Sustainable Development Goals (SDGs) associated with natural resource stewardship, social fairness and sustainable production and consumption.

Owned by the Cradle to Cradle Certified Products Innovation Institute, the Cradle to Cradle Certified Product Standard is used as a global measure of safe, healthy materials and products made for the circular economy. Cradle to Cradle Certified requires the assessment of materials and products across five categories: material health, material reuse, renewable energy and carbon management, water stewardship, and social fairness. To promote the continuous improvement of product sustainability over time, Cradle to Cradle certification is awarded at five ascending levels of achievement (Basic, Bronze, Silver, Gold and Platinum) depending upon a product's achievement in each assessment category. Certification must be renewed every two years based in part upon demonstration of progress towards the next level of certification.

By setting forth rigorous parameters for product sustainability across the product life cycle from ingredient material through to material reuse at the end of a product's useful life, the Cradle to Cradle Certified Product Standard provides a meaningful framework for addressing many UN Sustainable Development Goal.



Goal 1: No Poverty

Cradle to Cradle Certified contributes modestly to achieving this goal and to target 1.1. by encouraging applicants to be aware of manufacturing facilities and direct suppliers of input materials for certified products that are associated with a high risk of paying poverty level wages. This is determined by industry- and location-based risk identification. Applicants are asked to develop a strategy for identifying and addressing high risk facilities and suppliers within their supply chain each time they re-certify a product. All applicants are also expected to meet legal minimums as a baseline.



Goal 3: Good Health & Well-being

Cradle to Cradle Certified contributes to achievement of this goal and target 3.9 by requiring a comprehensive approach to identifying, assessing, and optimizing the safety of chemicals that are used to manufacture certified products. If all chemicals used in manufacturing were optimized for safety using the Cradle to Cradle Certified Product Standard, negative human health

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effects resulting from exposure to hazardous substances, either directly, or through environmental contamination, could be avoided. At the Gold level of certification, chemicals and materials intentionally added to the product and/or released with effluent during the to product manufacturing stage must be known as safe for human health and the environment during the final manufacturing, use, and end-of-use stages of the product life cycle. Hazardous chemicals may not be used, or alternately, exposure to any hazardous chemicals that are used during these stages must be unlikely or expected to be negligible.



Goal 6: Clean Water & Sanitation

Through requirements in the Water Stewardship certification category, Cradle to Cradle Certified contributes to the achievement of this goal and targets 6.3, 6.4, and 6.6. The Water Stewardship category encourages manufacturers to treat water as a precious, shared resource through successively demanding requirements focused on ensuring that manufacturing effluent does not contain substances that are problematic for human health or the environment (including aquatic species). The Cradle to Cradle Certified Product Standard also encourages manufacturers to take actions to reduce water use where water resources are stressed, and to develop an understanding of and a strategy to address water-related issues and risks within product supply chains.



Goal 7: Affordable & Clean Energy

Cradle to Cradle Certified contributes to achievement of this goal and targets 7.2 and 7.3 through requirements in the Renewable Energy & Climate Management Category. The category encourages manufacturers to increasingly contribute to the demand for renewable energy through their energy purchasing choices (including the purchase of carbon credits, offsets and energy from alternative sources), increase their use of renewable energy over time, and with the ultimate goal of producing excess renewable energy that can be released to the local grid, thereby increasing the share of renewable electricity available for others to use.



Goal 8: Decent Work & Economic Growth

Economic Growth

Cradle to Cradle Certified contributes to the achievement of Goal 8 target 8.4 - *the decoupling of economic growth from environmental degradation* in principle and in practice. By eliminating the concept of waste in favor of a circular economic system in which products are designed and made using safe, healthy materials that can remain in cycles of use and reuse through either biological or technical cycles (as appropriate for the material), the Cradle to Cradle Certified Product Standard decouples economic growth from the environmental degradation, especially environmental degradation caused by resource extraction, raw materials consumption and material disposal at the end of a product's useful life. This is one of the foundational principles of Cradle to Cradle Certified. The standard's requirements for Material Health and Material Reutilization, along with the Renewable Energy & Carbon Management and Water Stewardship, operationalize this principle: By promoting a system in which safe materials (i.e. that do not use problematic chemicals) can

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be used over and over and/or made/managed using methods that facilitate the channeling of these materials through a cycle of use and reuse (i.e. the product is made for disassembly so that parts can be cycled and/or a strategy is in place for ensuring maximum usage and return of materials to an entity that is able to reuse or recycle), Cradle to Cradle Certified sets forth a regenerative approach to economic growth predicated upon a system of responsible production and consumption that avoids the environmental degradation associated with continuously extracting, growing and producing new materials. Products that achieve the Gold and Platinum levels of certification have fully realized these ideals.

Decent Work

Cradle to Cradle Certified contributes modestly to the achievement of Goal 8, targets 8.7 and 8.8 by encouraging applicants to be aware of manufacturing facilities and direct suppliers of certified product input materials that are associated with a high risk of child labor, forced labor, occupational health and safety issues, excessive working time, and low wages. This is determined based on industry and location based risk identification. Applicants are asked to develop a strategy for addressing high-risk issues and report on progress at each recertification. All applicants are also expected to meet legal minimums as a baseline.



Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation

Cradle to Cradle Certified contributes to the achievement of Goal 9, target 9.2 and 9.4 by providing a pathway towards fully sustainable manufacturing, a critical driver of economic growth and employment. By setting forth a circular system for manufacturing products using safe, healthy materials that can remain in cycles of use and reuse, the standard provides a transformative framework for resilient, sustainable industrialization that ultimately yields positive social, environmental and economic impact. From an innovation standpoint, the standard is designed to promote the continuous improvement of a product's environmental and social performance through ascending levels of certification. The process of moving products towards higher and higher levels of achievement under the Cradle to Cradle Certified standard fosters significant opportunities for innovation, particularly in the areas of material health and material reuse, including optimizing existing material chemistry for human and environmental health and safety; the innovation of new materials that are both safe and circular; optimizing product design and manufacturing processes to recoup or reuse materials, and driving infrastructure innovation to close the loop on reclaiming and reusing materials from one product life cycle to the next. The platinum level of certification represents the fullest expression of sustainable manufacturing and innovation.



Goal 11: Sustainable Cities and Communities

Cradle to Cradle Certified contributes to the achievement of Goal 11, target 11.6 and, more indirectly, target 11.4, by providing a pathway for manufacturers to ultimately produce products in a fully sustainable manner. This was first described in the context of Goals 7, 8, and 9. A transition to sustainable manufacturing in combination with the design and making of safe, healthy materials and products for a circular economy will also reduce the environmental impact of cities because the majority of manufacturing and product use occurs in or near cities. Regarding air

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pollution (which is explicitly mentioned in target 11.6): energy production is a major contributor to air pollution¹ and manufacturing is responsible for more than one-third of global energy use². Therefore, a transition by manufacturers to using renewable energy will greatly reduce this impact. Regarding waste management (also explicitly mentioned in target 11.6): Cradle to Cradle provides a pathway for eventually eliminating the very concept of waste. In an ideal scenario, waste management becomes materials management. This was first discussed in the context of Goal 8, target 8.7 which calls for a decoupling of economic growth and environmental degradation.



Goal 12: Responsible Consumption & Production

Cradle to Cradle Certified directly fosters responsible consumption and production by providing a continuous improvement pathway for manufacturers to produce products in a sustainable way, and by providing a means whereby manufacturers, institutions, and consumers can identify and select sustainably produced materials and products. In this way, the program directly contributes to the achievement of Goal 12, targets 12.2, 12.4, 12.5, and 12.6. As an international product certification program that is aligned with the Sustainable Development Goals that are relevant to products, Cradle to Cradle Certified directly provides a means by which public procurement officials, and other purchasers, can achieve target 12.7 -- by specifying Cradle to Cradle Certified products.



Goal 13: Climate Action

Cradle to Cradle requires that manufacturers be aware of the climate impacts associated with the products they produce, and requires action to address those impacts (use renewable energy and purchase offsets). In this way, the program contributes to achieving Goal 13, target 13.1 (Note: The majority of the specific targets associated with this goal are not directly applicable to the Cradle to Cradle Certified standard due to the focus on adaptation and change management.)



Goal 14: Life Below Water - Conserve and sustainably use the oceans, seas and marine resources

Cradle to Cradle Certified contributes to achieving Goal 14 target 14.1 through the Water Stewardship category criteria. The category encourages manufacturers to treat water as a precious, shared resource through successively demanding requirements focused on ensuring that manufacturing effluent does not contain substances that are problematic for human health or the environment (including aquatic species). The standard contributes modestly towards achieving target 14.2 by requiring manufacturers to identify direct negative impacts their operations have on local ecosystems, develop a strategy to address those issues, and report on progress at recertification. The standard supports target 14.3 (which addresses ocean acidification) by encouraging a transition to renewable energy use and offsetting of any emissions that are not avoided (acidification is largely a result of CO₂ uptake by oceans and is tied to release of CO₂ during energy production).

¹ <https://www.eea.europa.eu/themes/air/air-pollution-sources>

² <https://www.iea.org/tcep/industry/>

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Goal 15: Life on Land - Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss

Cradle to Cradle Certified contributes to achieving Goal 15 target 15.1, 15.2, and 15.A & B through the Water Stewardship criteria and Material Reutilization criteria. In Water Stewardship, applicants whose activities have a direct impact on sensitive ecosystems through their operations must identify these issues, develop a plan to address the issues, and report on progress made. In addition, the program supports sustainable forest management including biodiversity conservation by requiring that wood in products be certified to a sustainable forestry certification program (e.g. Forest Stewardship Council) at the Gold level. The program contributes modestly to achieving target 15.7 by excluding all materials from endangered or threatened species from the program.

APPENDIX

Table 1: Detailed linkages for each goal and target

Goal 1: No Poverty

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
<p>1.1 By 2030, eradicate extreme poverty for all people everywhere, currently measured as people living on less than \$1.25 a day</p>	<p>Social Fairness, Basic level: Determine if there is high risk of wages being below poverty guideline for final manufacturing stage facility(ies) and for the direct suppliers relevant to the certified product. If yes, develop a strategy to address the issue and report on progress at renewal.</p>
<p>1.2 By 2030, reduce at least by half the proportion of men, women and children of all ages living in poverty in all its dimensions according to national definitions</p>	<p>Same as above</p>
<p>1.3 Implement nationally appropriate social protection systems and measures for all, including floors, and by 2030 achieve substantial coverage of the poor and the vulnerable</p>	<p>Not directly applicable</p>
<p>1.4 By 2030, ensure that all men and women, in particular the poor and the vulnerable, have equal rights to economic resources, as well as access to basic services, ownership and control over land and other forms of property, inheritance, natural resources, appropriate new technology and financial services, including microfinance</p>	<p>Not directly applicable</p>
<p>1.5 By 2030, build the resilience of the poor and those in vulnerable situations and reduce their exposure and vulnerability to climate-related extreme events and other economic, social and environmental shocks and disasters</p>	<p>Not directly applicable</p>
<p>1.A Ensure significant mobilization of resources from a variety of sources, including through enhanced development cooperation, in order to provide adequate and predictable means for developing countries, in particular least developed countries, to implement programmes and policies to end poverty in all its dimensions</p>	<p>Not directly applicable</p>
<p>1.B Create sound policy frameworks at the national, regional and international levels, based on pro-poor and gender-sensitive development strategies, to</p>	<p>Not directly applicable</p>

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support accelerated investment in poverty eradication actions	
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Goal 2: Zero Hunger

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
2.1 By 2030, end hunger and ensure access by all people, in particular the poor and people in vulnerable situations, including infants, to safe, nutritious and sufficient food all year round.	Not directly applicable (although wages, as mentioned under Goal 1, are tied to this)
2.2 By 2030, end all forms of malnutrition, including achieving, by 2025, the internationally agreed targets on stunting and wasting in children under 5 years of age, and address the nutritional needs of adolescent girls, pregnant and lactating women and older persons.	Not directly applicable (although wages, as mentioned under Goal 1, are tied to this)
2.3 By 2030, double the agricultural productivity and incomes of small-scale food producers, in particular women, indigenous peoples, family farmers, pastoralists and fishers, including through secure and equal access to land, other productive resources and inputs, knowledge, financial services, markets and opportunities for value addition and non-farm employment.	Not directly applicable
2.4 By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.	<p>Material Health, Gold level: The product has been 100% assessed (by weight) using ABC ratings.</p> <p>Cradle to Cradle Certified encourages the use of agricultural raw materials (e.g. cotton) that were grown using organic and similar practices. It does this through the Material Health requirements for assessing biological materials. Identification and assessment of the pesticides used as well as testing for pesticides on materials is required. Organically grown and similar materials are more likely to pass these tests.</p>
2.5 By 2020, maintain the genetic diversity of seeds, cultivated plants and farmed and domesticated animals and their related wild species, including through soundly managed and diversified seed and plant banks at the national, regional and international levels, and promote access to and fair and equitable sharing of benefits arising from the utilization of	Not directly applicable

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genetic resources and associated traditional knowledge, as internationally agreed.	
2.A Increase investment, including through enhanced international cooperation, in rural infrastructure, agricultural research and extension services, technology development and plant and livestock gene banks in order to enhance agricultural productive capacity in developing countries, in particular least developed countries.	Not directly applicable
2.B Correct and prevent trade restrictions and distortions in world agricultural markets, including through the parallel elimination of all forms of agricultural export subsidies and all export measures with equivalent effect, in accordance with the mandate of the Doha Development Round.	Not directly applicable
2.C Adopt measures to ensure the proper functioning of food commodity markets and their derivatives and facilitate timely access to market information, including on food reserves, in order to help limit extreme food price volatility.	Not directly applicable

Goal 3: Good Health & Well-being

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
3.1 By 2030, reduce the global maternal mortality ratio to less than 70 per 100,000 live births.	Not directly applicable
3.2 By 2030, end preventable deaths of newborns and children under 5 years of age, with all countries aiming to reduce neonatal mortality to at least as low as 12 per 1,000 live births and under-5 mortality to at least as low as 25 per 1,000 live births.	Not directly applicable
3.3 By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.	Not directly applicable
3.4 By 2030, reduce by one third premature mortality from non-communicable diseases through prevention and treatment and promote mental health and well-being.	Not directly applicable
3.5 Strengthen the prevention and treatment of substance abuse, including narcotic drug abuse and	Not directly applicable

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harmful use of alcohol.	
3.6 By 2020, halve the number of global deaths and injuries from road traffic accidents.	Not directly applicable
3.7 By 2030, ensure universal access to sexual and reproductive health-care services, including for family planning, information and education, and the integration of reproductive health into national strategies and programmes.	Not directly applicable
3.8 Achieve universal health coverage, including financial risk protection, access to quality essential health-care services and access to safe, effective, quality and affordable essential medicines and vaccines for all.	Not directly applicable
3.9 By 2030, substantially reduce the number of deaths and illnesses from hazardous chemicals and air, water and soil pollution and contamination.	<p>Material Health, Basic level: Materials in the product may not contain Cradle to Cradle Certified Banned List substances.</p> <p>Bronze level: The product is at least 75% assessed (by weight) using ABC-X ratings. A phase-out or optimization strategy has been developed for those materials with an X assessment rating.</p> <p>Silver level: The product has been at least 95% assessed (by weight) using ABC-X assessment ratings. Assessed materials do not contain carcinogens, mutagens or reproductive toxicants (CMRs).</p> <p>Gold level: The product has been 100% assessed (by weight) using ABC ratings. If any hazardous substances are in use, exposure must be non-plausible or negligible during final manufacturing, product use, and end of use.</p> <p>Platinum level: All process chemicals have been assessed and none have been assessed as x.</p> <p>Water Stewardship, Basic level: The manufacturer has not received a significant violation of their discharge permit. This means that facilities where certified products are manufactured must comply with effluent limitations (i.e. permits, including any pretreatment limits).</p> <p>Silver level: Product-related chemicals released with effluent are characterized and assessed.</p> <p>Gold level: Product-related chemicals released with effluent are optimized (no x-assessed substances)</p>

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	Regulatory compliance is a required baseline for program entry including compliance with all emissions permits and occupational health and safety regulations.
3.A Strengthen the implementation of the World Health Organization Framework Convention on Tobacco Control in all countries, as appropriate.	Not directly applicable
3.B Support the research and development of vaccines and medicines for the communicable and noncommunicable diseases that primarily affect developing countries, provide access to affordable essential medicines and vaccines, in accordance with the Doha Declaration on the TRIPS Agreement and Public Health, which affirms the right of developing countries to use to the full the provisions in the Agreement on Trade Related Aspects of Intellectual Property Rights regarding flexibilities to protect public health, and, in particular, provide access to medicines for all.	Not directly applicable
3.C Substantially increase health financing and the recruitment, development, training and retention of the health workforce in developing countries, especially in least developed countries and small island developing States.	Not directly applicable
3.D Strengthen the capacity of all countries, in particular developing countries, for early warning, risk reduction and management of national and global health risks.	Not directly applicable

Goal 4: Quality Education

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
4.1 By 2030, ensure that all girls and boys complete free, equitable and quality primary and secondary education leading to relevant and Goal-4 effective learning outcomes	Not directly applicable
4.2 By 2030, ensure that all girls and boys have access to quality early childhood development, care and pre primary education so that they are ready for primary education	Not directly applicable
4.3 By 2030, ensure equal access for all women and	Not directly applicable

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men to affordable and quality technical, vocational and tertiary education, including university	
4.4 By 2030, substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship	Not directly applicable
4.5 By 2030, eliminate gender disparities in education and ensure equal access to all levels of education and vocational training for the vulnerable, including persons with disabilities, indigenous peoples and children in vulnerable situations	Not directly applicable
4.6 By 2030, ensure that all youth and a substantial proportion of adults, both men and women, achieve literacy and numeracy	Not directly applicable
4.7 By 2030, ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture’s contribution to sustainable development	This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.
4.A Build and upgrade education facilities that are child, disability and gender sensitive and provide safe, nonviolent, inclusive and effective learning environments for all	Not directly applicable
4.B By 2020, substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries	Not directly applicable
4.C By 2030, substantially increase the supply of qualified teachers, including through international cooperation for teacher training in developing countries, especially least developed countries and small island developing states	Not directly applicable

Goal 5: Gender Equality

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
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5.1 End all forms of discrimination against all women and girls everywhere	This issue is not currently addressed by the standard but has been proposed for inclusion in the next version.
5.2 Eliminate all forms of violence against all women and girls in the public and private spheres, including trafficking and sexual and other types of exploitation	Not directly applicable
5.3 Eliminate all harmful practices, such as child, early and forced marriage and female genital mutilation	Not directly applicable
5.4 Recognize and value unpaid care and domestic work through the provision of public services, infrastructure and social protection policies and the promotion of shared responsibility within the household and the family as nationally appropriate	Not directly applicable
5.5 Ensure women’s full and effective participation and equal opportunities for leadership at all levels of decision making in political, economic and public life	This issue is not currently addressed by the standard but has been proposed for inclusion in the next version.
5.6 Ensure universal access to sexual and reproductive health and reproductive rights as agreed in accordance with the Programme of Action of the International Conference on Population and Development and the Beijing Platform for Action and the outcome documents of their review conferences	Not directly applicable
5.A Undertake reforms to give women equal rights to economic resources, as well as access to ownership and control over land and other forms of property, financial services, inheritance and natural resources, in accordance with national laws	This issue is not currently addressed by the standard but has been proposed for inclusion in the next version.
5.B Enhance the use of enabling technology, in particular information and communications technology, to promote the empowerment of women	Not directly applicable
5.C Adopt and strengthen sound policies and enforceable legislation for the promotion of gender equality and the empowerment of all women and girls at all levels	Not directly applicable

Goal 6: Clean Water & Sanitation

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
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<p>6.1 By 2030, achieve universal and equitable access to safe and affordable drinking water for all</p>	<p>This issue is not currently addressed by the standard but has been proposed for inclusion in the next version.</p>
<p>6.2 By 2030, achieve access to adequate and equitable sanitation and hygiene for all and end open defecation, paying special attention to the needs of women and girls and those in vulnerable situations</p>	<p>This issue is not currently addressed by the standard but has been proposed for inclusion in the next version.</p>
<p>6.3 By 2030, improve water quality by reducing pollution, eliminating dumping and minimizing release of hazardous chemicals and materials, halving the proportion of untreated wastewater and substantially increasing recycling and safe reuse globally</p>	<p>Water Stewardship, Basic level: The manufacturer has not received a significant violation of their discharge permit. This means that facilities where certified products are manufactured must comply with effluent limitations (i.e. permits, including any pretreatment limits).</p> <p>Silver level: Product-related chemicals released with the effluent are assessed (i.e. identified and the level of toxicity is understood).</p> <p>Gold level: Product-related chemicals released with the effluent are optimized. Chemicals identified as problematic are kept flowing in systems of nutrient recovery; effluents leaving facility do not contain chemicals assessed as problematic).</p> <p>Platinum level: Effluent produced due to product manufacture is kept in a closed loop system or the process is dry. Alternatively, all water leaving the facility meets drinking water quality standards.</p>
<p>6.4 By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity</p>	<p>Water Stewardship, Basic level: Local- and business-specific water-related issues are characterized (e.g., the manufacturer will determine if water scarcity is an issue or if sensitive ecosystems are at risk due to direct operations).</p> <p>A statement of water stewardship intentions describing what action is being taken for mitigating the identified problems and concerns is provided. At re-application, progress on action plan is demonstrated.</p>
<p>6.5 By 2030, implement integrated water resources management at all levels, including through transboundary cooperation as appropriate</p>	<p>Not directly applicable</p>
<p>6.6 By 2020, protect and restore water-related ecosystems, including mountains, forests, wetlands, rivers, aquifers and lakes</p>	<p>Water Stewardship, Basic level: Local- and business-specific water-related issues are characterized (e.g., the manufacturer will determine if water scarcity is an issue or if sensitive ecosystems are</p>

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	<p>at risk due to direct operations).</p> <p>A statement of water stewardship intentions describing what action is being taken for mitigating the identified problems and concerns is provided. At re-application, progress on action plan is demonstrated.</p> <p>This target is also linked to Cradle to Cradle Certified via the other Water Stewardship requirements noted under target 6.3: By avoiding the release of problematic chemicals with effluent, ecosystems are ultimately protected.</p>
<p>6.A By 2030, expand international cooperation and capacity-building support to developing countries in water- and sanitation-related activities and programmes, including water harvesting, desalination, water efficiency, wastewater treatment, recycling and reuse technologies</p>	Not directly applicable
<p>6.B Support and strengthen the participation of local communities in improving water and sanitation management</p>	Not directly applicable

Goal 7: Affordable & Clean Energy

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
<p>7.1 By 2030, ensure universal access to affordable, reliable and modern energy services</p>	Not directly applicable
<p>7.2 By 2030, increase substantially the share of renewable energy in the global energy mix</p>	<p>Renewable Energy & Carbon Management, Basic level: Annual electricity use and greenhouse gas emissions are quantified for the final manufacturing stage of the certified product.</p> <p>Bronze level: A renewable electricity use and carbon management strategy is developed.</p> <p>Silver level: For the final manufacturing stage of the product, 5% of electricity is renewably sourced or offset with renewable electricity projects, and 5% of GHG emissions are offset.</p> <p>Gold level: targets increased to 50%</p> <p>Platinum level: targets increased to >100 %</p> <p>The renewable energy targets may be met by using</p>

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	renewables installed on site, purchasing Renewable Energy Certificates (RECs), Guarantees of Origin (GOs) or similar, or by purchasing offsets that support renewable energy projects.
7.3 By 2030, double the global rate of improvement in energy efficiency	Indirectly addressed in that a reduced amount of renewable electricity and/or offsets would have to be produced or purchased in order to achieve at a given level. Direct credit for improving energy efficiency is proposed for inclusion in the next version of the standard.
7.A By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency and advanced and cleaner fossil-fuel technology, and promote investment in energy infrastructure and clean energy technology	Not directly applicable
7.B By 2030, expand infrastructure and upgrade technology for supplying modern and sustainable energy services for all in developing countries, in particular least developed countries, small island developing States, and land-locked developing countries, in accordance with their respective programmes of support	Not directly applicable

Goal 8: Decent Work & Economic Growth

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
8.1 Sustain per capita economic growth in accordance with national circumstances and, in particular, at least 7 per cent gross domestic product growth per annum in the least developed countries	Not directly applicable
8.2 Achieve higher levels of economic productivity through diversification, technological upgrading and innovation, including through a focus on high-value added and labour-intensive sectors	Not directly applicable
8.3 Promote development-oriented policies that support productive activities, decent job creation, entrepreneurship, creativity and innovation, and encourage the formalization and growth of micro-, small- and medium-sized enterprises, including through access to financial services	Not directly applicable
8.4 Improve progressively, through 2030, global	Material Reutilization, Basic level: All generic

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<p>resource efficiency in consumption and production and endeavour to decouple economic growth from environmental degradation, in accordance with the 10-year framework of programmes on sustainable consumption and production, with developed countries taking the lead</p>	<p>materials in the product are defined as an intended part of a biological or technical cycle.</p> <p>Bronze-Platinum levels: The product contains an increasing percentage of recycled or rapidly renewable content and/or and increasing percentage of recyclable material.</p> <p>Gold level: The manufacturer has developed a nutrient management strategy for the product (e.g. a take-back program, product as service scenario, or the product is recyclable in standard municipal systems)</p> <p>Platinum level: The product is actively being recovered and cycled.</p> <p>As noted for Goal 3, the Cradle to Cradle Material Health and Water Stewardship categories provide a pathway for optimizing the chemicals used to manufacture products. The combination of these requirements result in a product that is safely cycled by the Gold and Platinum levels..</p>
<p>8.5 By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic are proposed for inclusion in the next version.</p>
<p>8.6 By 2020, substantially reduce the proportion of youth not in employment, education or training</p>	<p>Not directly applicable</p>
<p>8.7 Take immediate and effective measures to eradicate forced labour, end modern slavery and human trafficking and secure the prohibition and elimination of the worst forms of child labour, including recruitment and use of child soldiers, and by 2025 end child labour in all its forms</p>	<p>Social Fairness, Basic level: A self-audit must be conducted to assess protection of fundamental human rights for final manufacturing stage facilities and direct suppliers of certified product inputs. Any location or industry associated high risk of child labor or forced labor must be identified. Management procedures aiming to address any identified issues must be provided. Demonstration of progress on the management plan is required for recertification. For suppliers, this is typically addressed via supplier codes of conduct.</p> <p>Platinum level: A facility-level audit is completed by a third party against an internationally recognized social responsibility program (e.g. SA8000)</p>
<p>8.8 Protect labour rights and promote safe and secure working environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment</p>	<p>Social Fairness, Basic level: A self-audit must be conducted to assess protection of fundamental human rights for final manufacturing stage facilities and direct suppliers of certified product inputs. At a minimum, this must include assessment of worker health and</p>

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	<p>safety, accidents, wages, working time, child labor and forced labor. Management procedures aiming to address any identified issues must be provided. Demonstration of progress on the management plan is required for recertification. For suppliers, this is typically addressed via supplier codes of conduct.</p> <p>Platinum level: A facility-level audit is completed by a third party against an internationally recognized social responsibility program (e.g. SA8000)</p>
8.9 By 2030, devise and implement policies to promote sustainable tourism that creates jobs and promotes local culture and products	Not directly applicable
8.10 Strengthen the capacity of domestic financial institutions to encourage and expand access to banking, insurance and financial services for all	Not directly applicable
8.A Increase Aid for Trade support for developing countries, in particular least developed countries, including through the Enhanced Integrated Framework for Trade-Related Technical Assistance to Least Developed Countries	Not directly applicable
8.B By 2020, develop and operationalize a global strategy for youth employment and implement the Global Jobs Pact of the International Labour Organization	Not directly applicable

Goal 9: Build resilient infrastructure, promote sustainable industrialization and foster innovation

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
9.1 Develop quality, reliable, sustainable and resilient infrastructure, including regional and transborder infrastructure, to support economic development and human well-being, with a focus on affordable and equitable access for all	Not directly applicable
9.2 Promote inclusive and sustainable industrialization and, by 2030, significantly raise industry's share of employment and gross domestic product, in line with national circumstances, and double its share in least developed countries	Cradle to Cradle Certified provides a pathway for manufacturers to ultimately produce products in a fully sustainable manner through a combination of all five program categories.
9.3 Increase the access of small-scale industrial and other enterprises, in particular in developing countries, to financial services, including affordable credit, and their integration into value chains and markets	Not directly applicable

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<p>9.4 By 2030, upgrade infrastructure and retrofit industries to make them sustainable, with increased resource-use efficiency and greater adoption of clean and environmentally sound technologies and industrial processes, with all countries taking action in accordance with their respective capabilities</p>	<p>Cradle to Cradle Certified provides a pathway for manufacturers to ultimately produce products in a fully sustainable and clean manner through a combination of all five program categories.</p>
<p>9.5 Enhance scientific research, upgrade the technological capabilities of industrial sectors in all countries, in particular developing countries, including, by 2030, encouraging innovation and substantially increasing the number of research and development workers per 1 million people and public and private research and development spending</p>	<p>Not directly applicable</p>
<p>9.A Facilitate sustainable and resilient infrastructure development in developing countries through enhanced financial, technological and technical support to African countries, least developed countries, landlocked developing countries and small island developing States 18</p>	<p>Not directly applicable</p>
<p>9.B Support domestic technology development, research and innovation in developing countries, including by ensuring a conducive policy environment for, inter alia, industrial diversification and value addition to commodities</p>	<p>Not directly applicable</p>
<p>9.C Significantly increase access to information and communications technology and strive to provide universal and affordable access to the Internet in least developed countries by 2020</p>	<p>Not directly applicable</p>

Goal 10: Reduced Inequalities

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
<p>10.1 By 2030, progressively achieve and sustain income growth of the bottom 40 percent of the population at a rate higher than the national average</p>	<p>Not directly applicable</p>
<p>10.2 By 2030, empower and promote the social, economic and political inclusion of all, irrespective of age, sex, disability, race, ethnicity, origin, religion or economic or other status</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.</p>
<p>10.3 Ensure equal opportunity and reduce inequalities of outcome, including by eliminating discriminatory laws, policies and practices and promoting appropriate legislation, policies and action in this regard</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.</p>

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10.4 Adopt policies, especially fiscal, wage and social protection policies, and progressively achieve greater equality	This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.
10.5 Improve the regulation and monitoring of global financial markets and institutions and strengthen the implementation of such regulations	Not directly applicable
10.6 Ensure enhanced representation and voice for developing countries in decision-making in global international economic and financial institutions in order to deliver more effective, credible, accountable and legitimate institutions	Not directly applicable
10.7 Facilitate orderly, safe, regular and responsible migration and mobility of people, including through the implementation of planned and well-managed migration policies	Not directly applicable
10.A Implement the principle of special and differential treatment for developing countries, in particular least developed countries, in accordance with World Trade Organization agreements	Not directly applicable
10.B Encourage official development assistance and financial flows, including foreign direct investment, to States where the need is greatest, in particular least developed countries, African countries, small island developing States and landlocked developing countries, in accordance with their national plans and programmes	Not directly applicable
10.C By 2030, reduce to less than 3 per cent the transaction costs of migrant remittances and eliminate remittance corridors with costs higher than 5 per cent	Not directly applicable

Goal 11: Sustainable Cities and Communities

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
11.1 By 2030, ensure access for all to adequate, safe and affordable housing and basic services and upgrade slums	Not directly applicable
11.2 By 2030, provide access to safe, affordable, accessible and sustainable transport systems for all, improving road safety, notably by expanding public transport, with special attention to the needs of those in vulnerable situations, women, children, persons with disabilities and older persons	Not directly applicable

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<p>11.3 By 2030, enhance inclusive and sustainable urbanization and capacity for participatory, integrated and sustainable human settlement planning and management in all countries</p>	<p>Not directly applicable</p>
<p>11.4 Strengthen efforts to protect and safeguard the world's cultural and natural heritage</p>	<p>Not directly applicable, although a transition to sustainable manufacturing will support the protection of the world's natural heritage. The contribution of Cradle to Cradle Certified towards achieving sustainable manufacturing was discussed under Goal 9.</p>
<p>11.5 By 2030, significantly reduce the number of deaths and the number of people affected and substantially decrease the direct economic losses relative to global gross domestic product caused by disasters, including water-related disasters, with a focus on protecting the poor and people in vulnerable situations</p>	<p>Not directly applicable</p>
<p>11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management</p>	<p>A transition to sustainable manufacturing, including use of renewable energy, and the design of products for cycling, will also reduce the environmental impact of cities (see further information under Goals 7, 8, and 9)</p>
<p>11.7 By 2030, provide universal access to safe, inclusive and accessible, green and public spaces, in particular for women and children, older persons and persons with disabilities</p>	<p>Not directly applicable</p>
<p>11.A Support positive economic, social and environmental links between urban, peri-urban and rural areas by strengthening national and regional development planning</p>	<p>Not directly applicable</p>
<p>11.B By 2020, substantially increase the number of cities and human settlements adopting and implementing integrated policies and plans towards inclusion, resource efficiency, mitigation and adaptation to climate change, resilience to disasters, and develop and implement, in line with the Sendai Framework for Disaster Risk Reduction 2015-2030, holistic disaster risk management at all levels</p>	<p>Not directly applicable</p>
<p>11.C Support least developed countries, including through financial and technical assistance, in building sustainable and resilient buildings utilizing local materials</p>	<p>Not directly applicable</p>

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Goal 12: Responsible Consumption & Production

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
12.1 Implement the 10-year framework of programmes on sustainable consumption and production, all countries taking action, with developed countries taking the lead, taking into account the development and capabilities of developing countries	Not directly applicable because the Cradle to Cradle Products Innovation Institute is not involved in implementation of the 10-year framework
12.2 By 2030, achieve the sustainable management and efficient use of natural resources	<p>See discussion under Goal 8. Briefly, the Cradle to Cradle Certified Material Reutilization and Material Health requirements encourage manufacturers to create products using safe materials that can be repeatedly cycled. Once fully implemented, this approach would greatly reduce the need for new extraction and harvesting of natural resources.</p> <p>Although the ultimate goal of Cradle to Cradle Certified is to reduce and avoid the need for new extraction and harvesting, in the next version of the standard (to be released in 2019 for public consultation), requirements relevant to the responsible sourcing of extracted and harvested materials will also be extended and improved upon, acknowledging that this ultimate goal will take significant effort to fully implement.</p>
12.3 By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses	Not directly applicable (food is out of scope for the program)
12.4 By 2020, achieve the environmentally sound management of chemicals and all wastes throughout their life cycle, in accordance with agreed international frameworks, and significantly reduce their release to air, water and soil in order to minimize their adverse impacts on human health and the environment	See comments under Goals 3, 6, 7, 8, and 9.
12.5 By 2030, substantially reduce waste generation through prevention, reduction, recycling and reuse	See comments under Goal 8. The Material Reutilization category encourages cycling of materials. The next version of the standard (to be released in 2019 for public consultation), will expand on and improve on these criteria.
12.6 Encourage companies, especially large and transnational companies, to adopt sustainable practices and to integrate sustainability information into their reporting cycle	All companies that participate in the Cradle to Cradle Certified program are encouraged to adopt sustainable practices, as detailed previously under the other Goals. The ideas behind the program have inspired companies large and small.

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	Requirements relevant to sustainability reporting are not currently included in the Cradle to Cradle Certified standard. Reporting on the risks associated with the chemicals in the certified product is optional. The next version of the standard (to be released in 2019 for public consultation), will require transparency on several sustainability issues.
12.7 Promote public procurement practices that are sustainable, in accordance with national policies and priorities	As an international product certification program that is aligned with the Sustainable Development Goals that are most directly relevant to products, Cradle to Cradle Certified provides a means by which public procurement officials can work towards achieving this target.
12.8 By 2030, ensure that people everywhere have the relevant information and awareness for sustainable development and lifestyles in harmony with nature	Not directly applicable
12.A Support developing countries to strengthen their scientific and technological capacity to move towards more sustainable patterns of consumption and production	Not directly applicable
12.B Develop and implement tools to monitor sustainable development impacts for sustainable tourism that creates jobs and promotes local culture and products	Not directly applicable
12.C Rationalize inefficient fossil-fuel subsidies that encourage wasteful consumption by removing market distortions, in accordance with national circumstances, including by restructuring taxation and phasing out those harmful subsidies, where they exist, to reflect their environmental impacts, taking fully into account the specific needs and conditions of developing countries and minimizing the possible adverse impacts on their development in a manner that protects the poor and the affected communities	Not directly applicable

Goal 13: Climate Action

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
13.1 Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries	Not directly applicable
13.2 Integrate climate change measures into national policies, strategies and planning	Not directly applicable

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<p>13.3 Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning</p>	<p>Renewable Energy & Climate, Basic level: Annual electricity use and greenhouse gas emissions associated with the final manufacturing stage of the product are quantified. Bronze: A renewable electricity use and carbon management strategy is developed. Platinum: The embodied emissions associated with the product from Cradle to Gate is characterized and quantified, and a strategy to optimize is developed. At reapplication, progress on the optimization plan is demonstrated.</p>
<p>13.A Implement the commitment undertaken by developed-country parties to the United Nations Framework Convention on Climate Change to a goal of mobilizing jointly \$100 billion annually by 2020 from all sources to address the needs of developing countries in the context of meaningful mitigation actions and transparency on implementation and fully operationalize the Green Climate Fund through its capitalization as soon as possible</p>	<p>Not directly applicable</p>
<p>13.B Promote mechanisms for raising capacity for effective climate change-related planning and management in least developed countries and small island developing States, including focusing on women, youth and local and marginalized communities</p>	<p>Not directly applicable</p>
<p>*Acknowledging that the United Nations Framework Convention on Climate Change is the primary international, intergovernmental forum for negotiating the global response to climate change.</p>	

Goal 14: Life Below Water - Conserve and sustainably use the oceans, seas and marine resources

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
<p>14.1 By 2025, prevent and significantly reduce marine pollution of all kinds, in particular from land-based activities, including marine debris and nutrient pollution</p>	<p>See discussion under Goal 6. The Cradle to Cradle Water Stewardship criteria contribute directly to reducing pollution from land-based activities</p>
<p>14.2 By 2020, sustainably manage and protect marine and coastal ecosystems to avoid significant adverse impacts, including by strengthening their resilience, and take action for their restoration in order to achieve healthy and productive oceans</p>	<p>Water Stewardship, Basic level: Local- and business-specific water-related issues are characterized (e.g., the manufacturer will determine if water scarcity is an issue or if sensitive ecosystems are at risk due to direct operations).</p> <p>A statement of water stewardship intentions</p>

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	describing what action is being taken for mitigating the identified problems and concerns is provided. At re-application, progress on action plan is demonstrated.
14.3 Minimize and address the impacts of ocean acidification, including through enhanced scientific cooperation at all levels	Not directly applicable. However, acidification is largely caused by an uptake of CO ₂ by oceans, and Cradle to Cradle Certified does encourage a move towards renewable energy and use of carbon offsets to address emissions that are not avoided. Manufacturing is responsible for more than one third of energy use globally and so a move to using renewable will greatly reduce the release of new carbon dioxide available for ocean uptake.
14.4 By 2020, effectively regulate harvesting and end overfishing, illegal, unreported and unregulated fishing and destructive fishing practices and implement science-based management plans, in order to restore fish stocks in the shortest time feasible, at least to levels that can produce maximum sustainable yield as determined by their biological characteristics	In most cases this is not directly applicable because food is out of scope for Cradle to Cradle Certified. However, if any certified product is made using materials obtained from a fishery, including by-products, the fishery must be certified to a sustainable fishery standard.
14.5 By 2020, conserve at least 10 percent of coastal and marine areas, consistent with national and international law and based on the best available scientific information	Not directly applicable
14.6 By 2020, prohibit certain forms of fisheries subsidies which contribute to overcapacity and overfishing, eliminate subsidies that contribute to illegal, unreported and unregulated fishing and refrain from introducing new such subsidies, recognizing that appropriate and effective special and differential treatment for developing and least developed countries should be an integral part of the World Trade Organization fisheries subsidies negotiation	Not directly applicable
14.7 By 2030, increase the economic benefits to Small Island developing States and least developed countries from the sustainable use of marine resources, including through sustainable management of fisheries, aquaculture and tourism	Not directly applicable
14.A Increase scientific knowledge, develop research capacity and transfer marine technology, taking into account the Intergovernmental Oceanographic Commission Criteria and Guidelines on the Transfer of	Not directly applicable

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Marine Technology, in order to improve ocean health and to enhance the contribution of marine biodiversity to the development of developing countries, in particular small island developing States and least developed countries	
14.B Provide access for small-scale artisanal fishers to marine resources and markets	Not directly applicable
14.C Enhance the conservation and sustainable use of oceans and their resources by implementing international law as reflected in UNCLOS, which provides the legal framework for the conservation and sustainable use of oceans and their resources, as recalled in paragraph 158 of The Future We Want	Not directly applicable

Goal 15: Life on Land - Sustainably manage forests, combat desertification, halt and reverse land degradation, halt biodiversity loss

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
15.1 By 2020, ensure the conservation, restoration and sustainable use of terrestrial and inland freshwater ecosystems and their services, in particular forests, wetlands, mountains and drylands, in line with obligations under international agreements	<p>Water Stewardship, Basic level: Local- and business-specific water-related issues are characterized (e.g., the manufacturer will determine if water scarcity is an issue or if sensitive ecosystems are at risk due to direct operations).</p> <p>A statement of water stewardship intentions describing what action is being taken for mitigating the identified problems and concerns is provided. At re-application, progress on action plan is demonstrated.</p>
15.2 By 2020, promote the implementation of sustainable management of all types of forests , halt deforestation, restore degraded forests and substantially increase afforestation and reforestation globally.	<p>Material Reutilization category: Wood products must be responsibly sourced using a Cradle to Cradle Accepted Certification program (e.g. Forest Stewardship Council certified) in order to count as renewable in this category. For products made of virgin wood, 100% of the wood has to be certified to a responsible sourcing program in order to achieve at the Gold level in this program category.</p> <p>In the next version of the standard, to be released in 2019 for public consultation, responsible sourcing requirements will be expanded to other material types and moved to lower certification levels in some cases.</p>

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<p>15.3 By 2030, combat desertification, restore degraded land and soil, including land affected by desertification, drought and floods, and strive to achieve a land degradation-neutral world</p>	<p>Indirect link: Through the Renewable Energy & Carbon Management category, Cradle to Cradle encourages manufacturers to use renewable energy and purchase carbon offsets for any remaining emissions. Offset projects supporting renewable energy are required if using offsets to address emissions from non-renewable electricity use, while offset projects that aim to sequester carbon in forests or soil are encouraged for addressing emissions resulting from non-electrical sources.</p>
<p>15.4 By 2030, ensure the conservation of mountain ecosystems, including their biodiversity, in order to enhance their capacity to provide benefits that are essential for sustainable development</p>	<p>Not directly applicable</p>
<p>15.5 Take urgent and significant action to reduce the degradation of natural habitats, halt the loss of biodiversity and, by 2020, protect and prevent the extinction of threatened species</p>	<p>In addition to the Water Stewardship requirement noted under target 15 which is relevant here, in the next version of the standard, to be released in 2019 for public consultation, responsible sourcing requirements will be greatly expanded to include many raw materials commonly associated with environmental degradation and habitat loss concerns.</p>
<p>15.6 Promote fair and equitable sharing of the benefits arising from the utilization of genetic resources and promote appropriate access to such resources, as internationally agreed</p>	<p>Not directly applicable</p>
<p>15.7 Take urgent action to end poaching and trafficking of protected species of flora and fauna and address both demand and supply of illegal wildlife products</p>	<p>Products containing material from endangered and threatened species are out of scope for Cradle to Cradle Certified (i.e. such a product would not be eligible for certification).</p>
<p>15.8 By 2020, introduce measures to prevent the introduction and significantly reduce the impact of invasive alien species on land and water ecosystems and control or eradicate the priority species</p>	<p>Not directly applicable</p>
<p>15.9 By 2020, integrate ecosystem and biodiversity values into national and local planning, development processes, poverty reduction strategies and accounts</p>	<p>Not directly applicable</p>
<p>15.A Mobilize and significantly increase financial resources from all sources to conserve and sustainably use biodiversity and ecosystems</p>	<p>See comments under 15.B which are also relevant here</p>
<p>15.B Mobilize significant resources from all sources and at all levels to finance sustainable forest</p>	<p>Material Reutilization category: Wood products must be responsibly sourced using a Cradle to Cradle</p>

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<p>management and provide adequate incentives to developing countries to advance such management, including for conservation and reforestation</p>	<p>Accepted Certification program (e.g. Forest Stewardship Council certified) in order to count as renewable in this category. This approach supports achievement of this target by helping to sustain or increase demand for sustainable material.</p> <p>In the next version of the standard, to be released in 2019 for public consultation, responsible sourcing requirements will be greatly expanded to include many raw materials commonly associated with environmental degradation and habitat loss concerns.</p>
<p>15.C Enhance global support for efforts to combat poaching and trafficking of protected species, including by increasing the capacity of local communities to pursue sustainable livelihood opportunities</p>	<p>Not directly applicable, although materials from endangered and threatened species are out of scope for Cradle to Cradle Certified (i.e. would not be eligible for certification).</p>

Goal 16: Peace, justice, and strong institutions

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
<p>16.1 Significantly reduce all forms of violence and related death rates everywhere</p>	<p>Not directly applicable</p>
<p>16.2 End abuse, exploitation, trafficking and all forms of violence against and torture of children</p>	<p>Not directly applicable</p>
<p>16.3 Promote the rule of law at the national and international levels and ensure equal access to justice for all</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective (e.g. a requirement to provide functional grievance mechanisms) are proposed for inclusion in the next version.</p>
<p>16.4 By 2030, significantly reduce illicit financial and arms flows, strengthen the recovery and return of stolen assets and combat all forms of organized crime</p>	<p>Not directly applicable</p>
<p>16.5 Substantially reduce corruption and bribery in all their forms</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.</p>
<p>16.6 Develop effective, accountable and transparent institutions at all levels</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.</p>
<p>16.7 Ensure responsive, inclusive, participatory and representative decision-making at all levels</p>	<p>This issue is not currently addressed by the standard but requirements relevant to this topic from a</p>

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	company perspective are proposed for inclusion in the next version.
16.8 Broaden and strengthen the participation of developing countries in the institutions of global governance	Not directly applicable
16.9 By 2030, provide legal identity for all, including birth registration	Not directly applicable
16.10 Ensure public access to information and protect fundamental freedoms, in accordance with national legislation and international agreements	This issue is not currently addressed by the standard but requirements relevant to this topic from a company perspective are proposed for inclusion in the next version.
16.A Strengthen relevant national institutions, including through international cooperation, for building capacity at all levels, in particular in developing countries, to prevent violence and combat terrorism and crime	Not directly applicable
16.B Promote and enforce non-discriminatory laws and policies for sustainable development	Not directly applicable

Goal 17: Partnerships for the Goals - Revitalize the global partnership for sustainable development

SDG Target	Cradle to Cradle Certified™ v3.1 Requirements & Certification Levels Linked to SDG Target
Finance	
17.1 Strengthen domestic resource mobilization, including through international support to developing countries, to improve domestic capacity for tax and other revenue collection	Not directly applicable
17.2 Developed countries to implement fully their official development assistance commitments, including the commitment by many developed countries to achieve the target of 0.7 per cent of ODA/GNI to developing countries and 0.15 to 0.20 per cent of ODA/GNI to least developed countries ODA providers are encouraged to consider setting a target to provide at least 0.20 percent of ODA/GNI to least developed countries	Not directly applicable
17.3 Mobilize additional financial resources for developing countries from multiple sources	Not directly applicable
17.4 Assist developing countries in attaining long-term debt sustainability through coordinated policies aimed at fostering debt financing, debt relief and debt	Not directly applicable

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restructuring, as appropriate, and address the external debt of highly indebted poor countries to reduce debt distress	
17.5 Adopt and implement investment promotion regimes for least developed countries	Not directly applicable
Technology	
17.6 Enhance North-South, South-South and triangular regional and international cooperation on and access to science, technology and innovation and enhance knowledge sharing on mutually agreed terms, including through improved coordination among existing mechanisms, in particular at the United Nations level, and through a global technology facilitation mechanism	Not directly applicable
17.7 Promote the development, transfer, dissemination and diffusion of environmentally sound technologies to developing countries on favourable terms, including on concessional and preferential terms, as mutually agreed	Not directly applicable
17.8 Fully operationalize the technology bank and science, technology and innovation capacity-building mechanism for least developed countries by 2017 and enhance the use of enabling technology, in particular information and communications technology	Not directly applicable
Capacity building	
17.9 Enhance international support for implementing effective and targeted capacity-building in developing countries to support national plans to implement all the sustainable development goals, including through North-South, South-South and triangular cooperation	Not directly applicable
Trade	
17.10 Promote a universal, rules-based, open, non-discriminatory and equitable multilateral trading system under the World Trade Organization, including through the conclusion of negotiations under its Doha Development Agenda	Not directly applicable
17.11 Significantly increase the exports of developing countries, in particular with a view to doubling the least developed countries' share of global exports by 2020	Not directly applicable

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<p>17.12 Realize timely implementation of duty-free and quota-free market access on a lasting basis for all least developed countries, consistent with World Trade Organization decisions, including by ensuring that preferential rules of origin applicable to imports from least developed countries are transparent and simple, and contribute to facilitating market access</p>	<p>Not directly applicable</p>
<p>Systemic issues - Policy and institutional coherence</p>	
<p>17.13 Enhance global macroeconomic stability, including through policy coordination and policy coherence</p>	<p>Not directly applicable</p>
<p>17.14 Enhance policy coherence for sustainable development</p>	<p>Not directly applicable</p>
<p>17.15 Respect each country's policy space and leadership to establish and implement policies for poverty eradication and sustainable development</p>	<p>Not directly applicable</p>
<p>Systemic issues - Multi-stakeholder partnerships</p>	
<p>17.16 Enhance the global partnership for sustainable development, complemented by multi-stakeholder partnerships that mobilize and share knowledge, expertise, technology and financial resources, to support the achievement of the sustainable development goals in all countries, in particular developing countries</p>	<p>This issue is not currently addressed by the standard but requirements encouraging and rewarding for participation in multi-stakeholder partnerships are proposed for inclusion in the next version.</p>
<p>17.17 Encourage and promote effective public, public-private and civil society partnerships, building on the experience and resourcing strategies of partnerships</p>	<p>Same as above</p>
<p>Systemic issues - Data, monitoring and accountability</p>	
<p>17.18 By 2020, enhance capacity-building support to developing countries, including for least developed countries and small island developing States, to increase significantly the availability of high-quality, timely and reliable data disaggregated by income, gender, age, race, ethnicity, migratory status, disability, geographic location and other characteristics relevant in national contexts</p>	<p>Not directly applicable</p>
<p>17.19 By 2030, build on existing initiatives to develop measurements of progress on sustainable development that complement gross domestic product, and support statistical capacity-building in developing countries</p>	<p>Not directly applicable</p>

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