

Sustainable Growth/Circular Economy Award

Award #1: Individuals, academic institutions, corporations, or NGOs

Award #2: Government authorities

Award Criteria-There is an urgent need for transition to a more sustainable and circular socio-technical systems - now is the best time when we can witness how the health of the planet is connected to the human well-being and vice versa. The most accepted definition of the sustainability is defined by the Brundtland Commission in 1987; sustainability is seen as “development that meets the needs of the present without compromising the ability of future generations to meet their own needs”. Circular Economy (CE) can be defined as a regenerative system in which resource input and waste, emission, and energy leakage are minimized by slowing, closing, and narrowing material and energy loops. This can be achieved through long-lasting design, maintenance, repair, reuse, remanufacturing, refurbishing, and recycling.

As the UN’s 2030 deadline for change fast approaches, we explore what role the circular economy has to play in mitigating the impacts of climate change and how the technology industry can learn from it. It is a popular idea as it places an emphasis on designing out waste and pollution, thus keeping products in use for longer and facilitating the regeneration of natural systems. Now, as the world faces an imminent climate crisis, the IT and technology industries are starting to sit up and notice. ICT systems have influenced every aspect of modern life and the CE is no exception. Cutting-edge technologies, such as big data, cloud computing, cyber-physical systems, internet of things, virtual and augmented reality, and blockchain, can play an integral role in the embracing of CE concepts and the rollout of CE programs by governments, organizations, and society as a whole. Many countries are advancing circular electronics initiatives to encourage longer product lifetimes, but legal, policy, and economic support must exist for an open repair environment to motivate consumers to opt for repair over replacement.

This award will recognize Individuals, academic institutions, corporations, NGOs or governments that adopt effective and innovative local, regional or global initiatives that promote local production and use, local renewable energy sources, and adoption of circular and participatory practices for circularity in digital devices, software, internet access and services.

YOUR NOMINEES (limit three nominations per award category). *Please specify whether the nominee(s) are for the private or public sector category.*

- **Sector:** Private
- **Organizations implied:** Greentrust International
- **Project Name:** Web app for children- Carbon footprint

REASONS FOR NOMINATION (NOTE: It is important that you make a detailed description of the nominee and why you think the nomination is justified. The absence of a detailed summary of

qualifications as they *relate* to the above-mentioned award description will make it difficult for the awards committee to make an appropriate assessment of the candidate):

The application replaces the technical and mathematical reports to calculate the carbon footprint in educational centers. General objectives: To present an easy and precise technological tool for the use of both teachers and students. Specific: Do not overburden teachers with their duties in matters unknown to them, such as the carbon footprint. Goals: Attempt to certify the more than 5,000 educational centers in the country with a carbon inventory so that they can start on the road to carbon neutrality.

SUPPORTING INFORMATION: Please send any supporting information to the address above, including information from candidate (i.e. excerpt from program description, web site print-out, press release, etc.)

- <https://www.greentrustint.net/>

NOMINEE CONTACT INFORMATION (for award follow up and coordination)

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