

The growing green economy

Sustainable energy solutions

Sustainable energy solutions have taken many forms and been the subject of much legislation and focus within the corporate world for decades. As technology evolves, so too do sustainable practices. Take a look at how sustainability has evolved over the years, and what it means for the future of energy and corporate sustainability initiatives. Truly, the sky is the limit.

Vertical urban farms made of mushrooms: 2040

Combining the practice of vertical farming, with the use of building products made of mycellum, a material found in mushroom roots, buildings will be both completely sustainable and able to produce food without harming the environment.

Near-zero carbon footprint manufacturing plants: 2030

Aided by 100% renewable microgrids, entire facilities can be powered by carbon-free electricity.

Realization of the circular economy: 2050

With real-time data at the ready, insights into recycling, energy efficiency and renewable production will allow companies around the world to reuse byproducts from their operations, creating a sustainable, circular economy.

Completely renewable microgrids: 2025

Pairing more robust renewable energy capacity with improved energy storage batteries will enable even remote communities to be powered by green energy.

December 12th, 2015

The UN ratifies the Paris Agreement, a global treaty aimed at reducing global carbon emissions.

2015

Installed renewable energy capacity surpasses conventional energy sources globally for the first time in 2015.

August 1998

The U.S. Green Building Council launches its pilot Leadership in Energy and Environmental Design (LEED) program, an independent rating for the environmental performance of buildings.

1992

The EPA issues its first Energy Star label, indicating to consumers for the first time in the U.S. that a product is energy efficient.

August 1972

Consumer interest in sourcing organic food takes hold around the world in 1972. Organics International, an organization focused on the advancement of organic agriculture, is founded in Versailles, France.

April 25, 1954

Bell labs presents the first practical solar cell on April 25, 1954.

Panoramic Power Energy Insight wireless sensors and software provide real-time energy use data and analysis to facility managers, offering the necessary insight to curb energy consumption, improve operations and support corporate sustainability initiatives. Find out more at www.centricabusinesssolutions.com/energyinsight

The budding future: 2020s-2050s

A sturdy base: 1980s-2010s

Sustainability's roots: 1950s-1970s