



NGO Sustainability, Inc.

Contact us: ngosustainability@gmail.com Visit us: www.unngosustainability.org

In Consultant Status
with the United
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Social Council

NGO Sustainability promotes sustainable development through advocacy and awareness raising. We host meetings with guest speakers at the United Nations, on such issues as: greenhouse gas emissions, green technology, climate change, chemical and water management, environmental governance, food security, and population growth issues. We support sustainable development through the UN Sustainable Development Goals.



Ecological Engineering in Costa Rica

Harris Eisenhardt, NGO Sustainability Intern

In the spring of 2016, I had the opportunity to travel to Costa Rica with a small group of classmates from the State University of New York College of Environmental Science and Forestry. The goal was to study the principles of ecological engineering in the context of rural Costa Rican communities and ecosystems. Costa Rica has one of the highest levels of renewable energy use in the world. My workplace was Rancho Mastatal, a sustainability education center housed in the remote community of Mastatal on the border of La Cangreja



National Park. To my surprise, a solar thermal water heater adorned the rooftop of the bunkhouse where I stayed. Additionally, Rancho Mastatal has six photovoltaic arrays providing electricity to various components of the facility. Even further, it has installed a number of arrays for families in the surrounding community who otherwise lack access to affordable electricity. Besides the use of solar energy, the ranch also employs a biogas digester from two toilets and a separate digester that produces a stream of methane used for cooking.

**SUSTAINABLE
ENERGY**





Power Prices Go Negative in Germany, a Positive for Consumers

By Stanley Reed

Germany utilizes windmills to generate and store energy that can be used throughout the country. During periods of underutilization of this energy, Germany pays its consumers to use electricity. In the past, Germany has transferred its surplus to other European countries, but many of these countries experience negative energy prices. Germany's effort to promote renewable energy has evidently surpassed initial technological expectations.

To access article:

<https://www.nytimes.com/2017/12/25/business/energy-environment/germany-electricity-negative-prices.html>



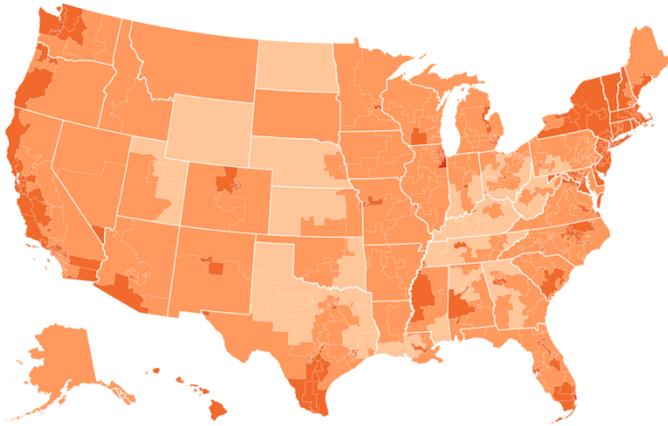
Plan for Toronto City of Future Poses Concerns Out of '1984'

By Ian Austen

Google's corporate sibling, Sidewalk Labs, has plans to construct an innovative, technologically-advanced "city of the future" in Toronto. The city will be equipped with numerous sensors, data-collection devices, and cameras to store information in order to promote more effective long-term advancement.

To access article:

<https://www.nytimes.com/2017/12/29/world/canada/google-toronto-city-future.html>



How Americans Think About Climate Change

By Nadja Popovich, John Schwartz,
and Tatiana Schlossberg

A new Yale research study illustrates the varying perceptions of climate change in the United States. Most Americans support the limiting of carbon dioxide emissions. Though the majority of Americans believe that global warming will impair people within the US, most Americans do not believe that global warming will mar them personally.

To access article:

<https://www.nytimes.com/interactive/2017/03/21/climate/how-americans-think-about-climate-change-in-six-maps.html>



How We Know It Was Climate Change

By Noah S. Diffenbaugh

After extensively analyzing climate trends and changes in natural resources, a professor of earth system science at Stanford University concluded that climate change is a contributing factor of recent natural disasters.

Aggravated environmental conditions will only lead to more extreme natural disasters if humans continue on the same path of environmental destruction.

To access article:

<https://www.nytimes.com/2017/12/29/opinion/sunday/climate-change-global-warming.html>



Carmakers Are Turning Their Old Scraps into New Parts

By Steve Friess

A growing number of car manufacturers are establishing eco-friendly facilities within North America. These factories construct their vehicles from faulty or used car parts, and recycled material that would have otherwise been disposed of. Additionally, the facilities themselves are also becoming more ecologically-sustainable.

To access article:

<https://www.nytimes.com/2017/12/21/business/car-companies-recycling.html>



Global Warming Takes a Toll on Coral Reefs

By Kendra Pierre-Louis and Brad Plumer

Due to increasing seawater temperatures caused by global warming, coral reefs are being bleached at an alarming rate. Because of such frequent bleaching episodes, the reefs are unable to recover. Coral reefs provide sustenance for animals and plant-like organisms; the decimation of reefs ultimately affects the entire food chain.

To access article:

<https://www.nytimes.com/2018/01/04/climate/coral-reefs-bleaching.html>



Britain Has Issued Ban on Microbeads. Why?

By Des Shoe

Many countries—including New Zealand, England, and the United States—have recently enacted bans on microbeads. These small, plastic pellets predominantly found in cosmetics infiltrate the world's oceans via shower and sink drains. Ending up in the ocean, marine animals often mistake the microbeads for food. Although policies prohibit the production of microbeads in beauty products, production is still permitted in other types of merchandise.

To access article:

<https://www.nytimes.com/2018/01/09/world/europe/microbeads-ban-uk.html>



As Machines Learn, Self-Driving Technology Advances

By Cade Metz

In 2010, former Google software engineer Chris Urmson and his colleagues constructed an efficient, new method of coding that programs self-driving cars. Currently a co-founder of a new startup called Aurora Innovation, Urmson and his team employs technology that enables the company to compete with tech and automotive giants.

To access article:

<https://www.nytimes.com/2018/01/04/technology/self-driving-cars-aurora.html>



Sign of Beijing Progress on Pollution: A Blue Sky

By Steven Lee Myers

Due to China's newly-implemented antipollution campaign, the pollution level in Beijing has decreased substantially. Although the air quality within the capital is increasing, the utilization of alternative energy resources is transferring the harmful effects to other regions. The Ministry of Environmental Protection continues to push local governments to enforce stricter policies that would further reduce the pollution level.

To access article:

<https://www.nytimes.com/2018/01/11/world/asia/pollution-beijing-declines.html>



Cities May Soon Be Too Warm for Olympic Winter Games

Kendra Pierre-Louis and Nadja Popovich

By the year 2050, it is expected that nine of the host cities will be too warm for the Winter Olympics. In an effort to combat problematic climates during the Games in the past, unorthodox solutions have been less than satisfactory.

To access article:

<https://www.nytimes.com/interactive/2018/01/11/climate/winter-olympics-global-warming.html>

Producer: Roma Stibravy, President

Editors: Jennifer Godfrey, Harris Eisenhardt, Colleen McCarthy, Interns



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