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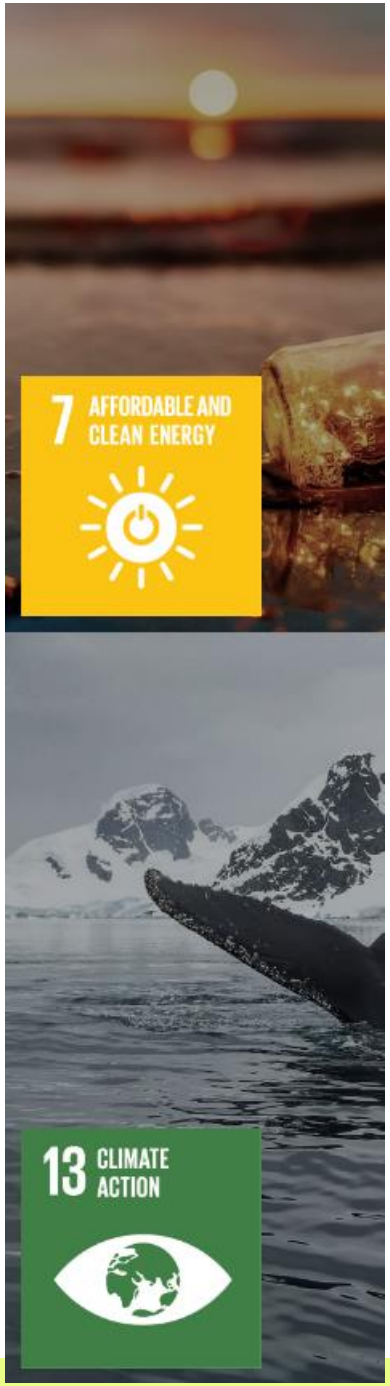
Nordic Innovations in achieving more sustainable life by combating climate change for more sustainable future through investments in Datacenters and clean Energy

UN 17
Sustainable Development Goals

The 2030 Agenda for Sustainable Development, adopted by all United Nations Member States in 2015, provides a shared blueprint for peace and prosperity for people and the planet, now and into the future.

At its heart are the 17 Sustainable Development Goals (SDGs), which are an urgent call for action by all countries - developed and developing - in a global partnership. They recognize that ending poverty and other deprivations must go hand-in-hand with strategies that improve health and education, reduce inequality, and spur economic growth – all while tackling climate change and working to preserve our oceans and forests.



Young people and work life skills required in future

In recent years, unemployment has become a global issue facing young people. Although many young people earn a college education, and even an advanced degree, they struggle to find jobs in their chosen industries.
For young people today, it is more important than ever that they are well-equipped to enter the work life. Despite being educated, many lack the skills they need to get the jobs they want. Below are five skills young people need to help them get the jobs they want.

1. **The more a person knows about technology, the more appealing they will be to an interviewer**. **Digital literacy involves getting young people familiar with a variety of technologies, so that they can easily learn to use any program or device**. As young people are preparing for the workforce, they should continuously increase their knowledge of emerging technologies as this will help future employers to see them as easily trainable.
2. Whereas in the past, employees would only deal with people in their region, young people will now work with people all over the world. Young people need to be well-versed in global citizenship, with an appreciation and understanding of other cultures. While knowing more than one language is a great asset, just being able to communicate and bond with people from other cultures can make a young person valuable in an industry.
3. Young people develop global citizenship through travel and connecting with people from a variety of cultures.
4. Young people need to hold on to the curiosity and love of learning new things as possessed as a children do.
5. Young people need to know themselves well enough to know their strengths and weaknesses. When a worker understands him or herself, he or she can make adjustments where needed and perform at his or her best. Young people who know themselves not only know how to approach and solve problems, but are also better able to work with others.

The cloud is getting greener, with a growing number of server farms supported by renewable power, according to a report from Greenpeace.

Greenpeace has been one of the data center industry's toughest critics, now says it has seen meaningful improvement in the use of green energy by cloud computing platforms.

The findings were highlighted in Clicking Clean 2017, the latest report on cloud sustainability.

Despite being educated, many young job seekers lack the skills they need to get the jobs they want.

Cultural agility and technological integration = Key professional assets of today

HOW ARE DATA CENTERS ADDRESSING SUSTAINABILITY?

Companies are appointing dedicated young employers to drive corporate sustainability objectives and to reporting publicly on the evolution of those efforts.

Companies have taken to heart the phrase "Reduce, Reuse, Recycle" (The Three R's).

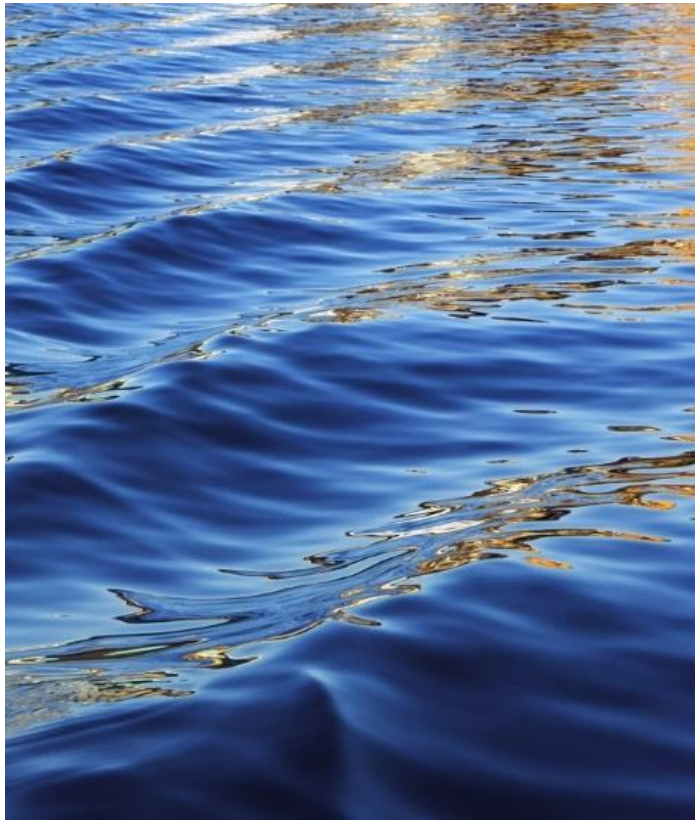
- The Data Center industry adopted The Three R's as guiding principles for meeting the economic, environmental, and social aspects of sustainability.
- Beyond the Three R's, all of the leading Data Centers have committed to transitioning away from carbon-based and nuclear generated power in favour of renewable energy from wind, solar, and hydroelectric facilities.

In the data center industry, leaders such as Apple, Google, Microsoft, AWS, Facebook, and Equinix have all taken a visibly strong stance on sustainability.

DATA CENTER CLEAN ENERGY POLICY

Facebook, Microsoft and Google are a few of the technology companies that have committed to go '100% renewable' through the RE100 .

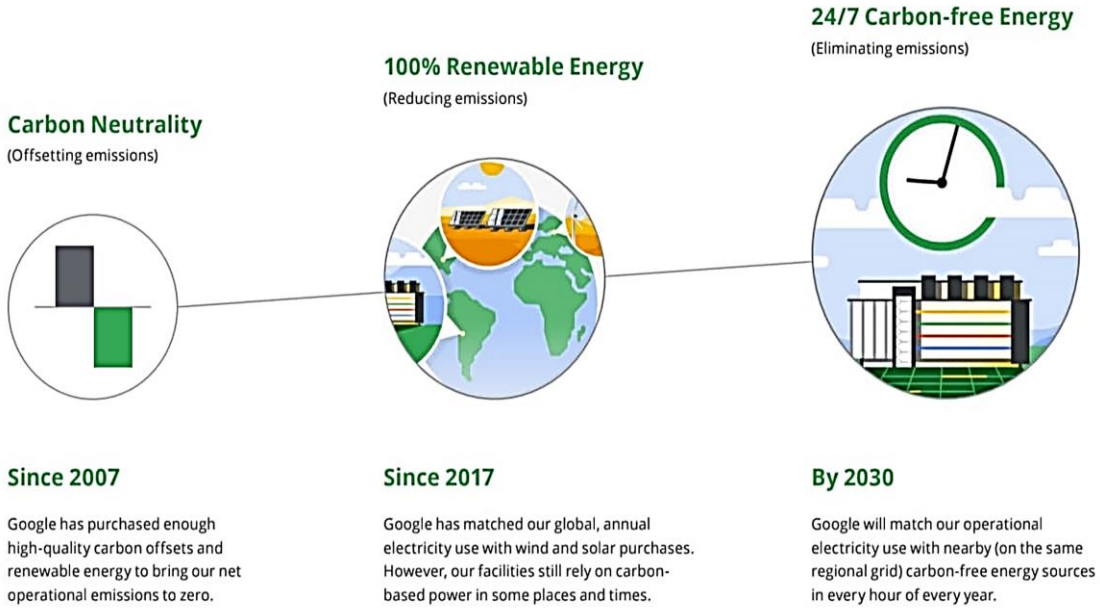
RE100 is the global corporate renewable energy initiative bringing together hundreds of large and ambitious businesses committed to 100% renewable electricity.



- Earlier this year, Microsoft announced plans to switch to a 100 percent renewable energy supply for all its data centers, buildings, and campuses by 2025.
- It also plans to become carbon negative by 2030 and remove the equivalent of all its past carbon emissions by 2050
- Microsoft plans to open new sustainable Data Centers in Sweden this year to meet increasing demand for cloud services in the country.

Tackling climate change requires rapidly transitioning the entire global economy to clean energy and Google Cloud will be at the forefront of this transition.

- Google has a long track record on clean energy.



- Today, Google Cloud is the only Major cloud provider to purchase enough renewable energy to cover its entire operations, and over the years, we've purchased more wind and solar power than any other corporation in history.

- In September 14, 2020, Google set our most ambitious energy goal yet: to run our business on carbon-free energy everywhere, at all times, by 2030. This means Google is aiming to always have its data centers supplied with carbon-free energy. Google is the first cloud provider to make this commitment, and intends to be the first to achieve it, too.

REASONS TO BUY FROM BIG DATA CENTERS PROVIDERS

- Big cloud providers build there Data Centers with efficiency and clean energy in mind.
- Main goal = Saving natural resources for the future generations.
- Data Center Providers have extensive Sustainability Programs for old Data Centers and for all new Data Centers.
- Individual data centers are more costly and cause more wasteful energy consumption.
- Collective Data Centers allow better energy management.
- Long term objective = all energy would become renewable.

THANK YOU

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