

Hvorfor bærekraft er god business

Nils Kristian Liveng-Ness

Viseadministrerende direktør
Microsoft Norge





Microsoft is committed to harnessing the power of technology to help everyone, everywhere build a more sustainable future.

Our approach

Investing to build the leading platform for technology solutions to environmental challenges



Our commitment to Sustainability



CARBON

Carbon negative
by 2030

Remove our historical
carbon emissions by 2050

\$1 billion climate
innovation fund



WASTE

Achieve zero
waste by 2030

Increase reuse of servers
and components up to 90
percent by 2025

Eliminate single-use
plastics in
packaging by 2025



WATER

Replace what our operations
consume in water-stressed
regions by 2030

The UN CEO Water Mandate



ECOSYSTEMS

Achieve net-zero
deforestation during the
construction of new
datacenters

Build sustainable new
campuses

Takeaways from Microsoft's sustainability journey



1.

Migrating to the cloud reduces carbon emissions.



2.

Carbon tax funded innovation and drove the right behavior.



3.

Smart buildings helped reduce energy consumption by as much as 20%.



4.

Smart water approaches to reduce water usage.



5.

Remote work accelerates carbon reductions.

Migrating to the Microsoft cloud reduced our carbon footprint

Microsoft moved over 2000 applications from on-premises to the cloud.

Moving on-premises datacenter operations to the Microsoft cloud can reduce your carbon footprint up to

98%*

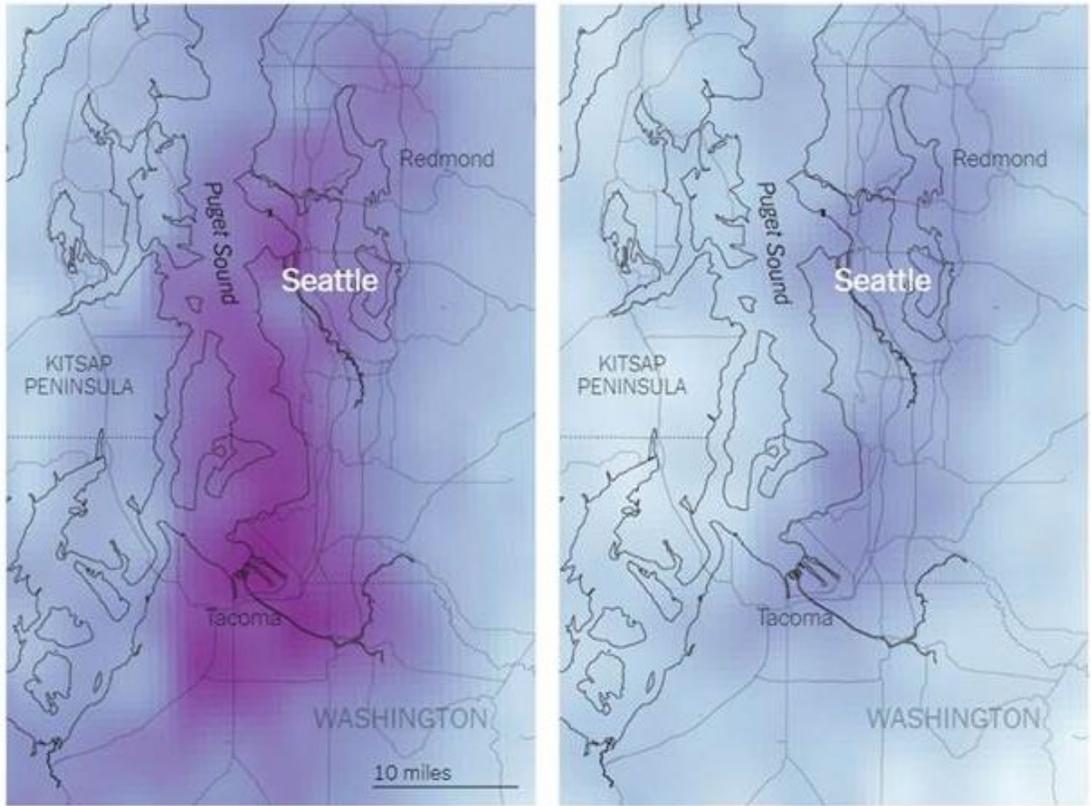
**Carbon footprint reductions will vary depending on your specific server usage, renewable energy purchases you make, and other factors. For details please refer to [The carbon benefits of cloud computing](#) published by Microsoft in 2018.*



More NO₂ emissions →

2019 March 1 to March 19

2020 March 1 to March 19



Source: Sentinel-5P satellite data processed by [Descartes Labs](#)

Microsoft Teams enables a connected remote workplace

Thoughtful reductions in travel have a large impact on carbon emissions

- Enable a remote workforce, reducing daily commutes.
- Switch to video meetings, eliminating air travel.
- Empower teams to connect across geographic and language barriers.

Flying



Flying from New York to Paris emits as much as heating an EU household for a year¹

Driving



Eliminating 1 commute per week for a year nets as much carbon as planting ~10 trees²

Sustainability is better for business

Achieving economic growth while reducing emissions

\$60B

Energy
optimization
opportunity

\$12B

Agriculture value
creation

\$26T

Economic
benefits

\$200B

Carbon offsets
market valuation

Ocean sustainability



Ocean Data Foundation

An independent, non-profit, non-compete foundation providing a data platform and associated services for a sustainable ocean

Vision: Liberating data for One Healthy Ocean

Mission: We connect data, people and technology to enable a sustainable and productive ocean

Values: Factual, Independent, Transparent

Product owner of: Ocean Data Platform (ODP)

REV Ocean **NTNU**  **WORLD ECONOMIC FORUM** **AKER** **SINTEF**



Companies and individuals around the globe are taking actions to build a more sustainable future.

Microsoft and Agder Energi
Winner of the "Innovation Star of Energy Efficiency Award 2018"

> 9 800 000 

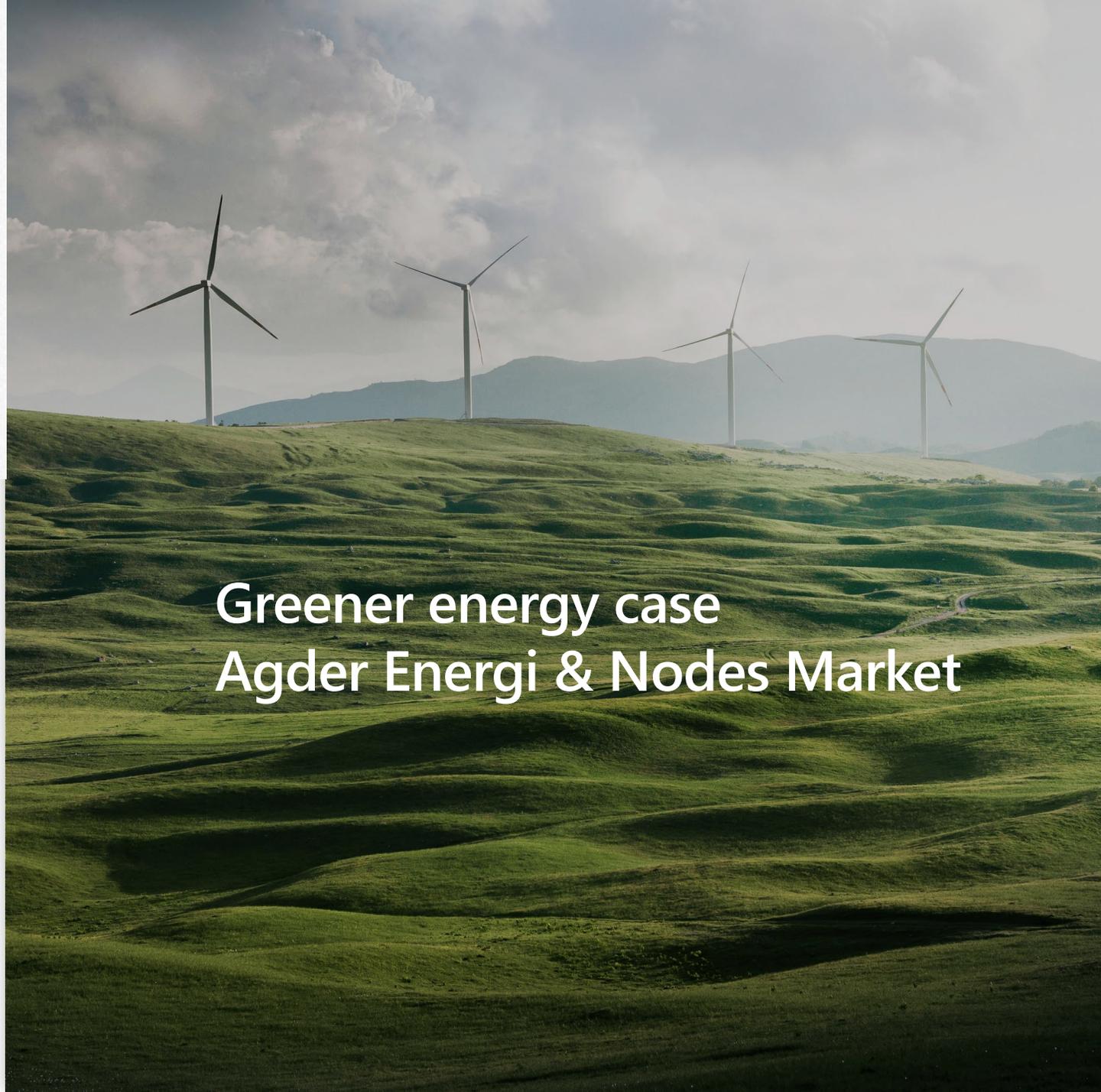
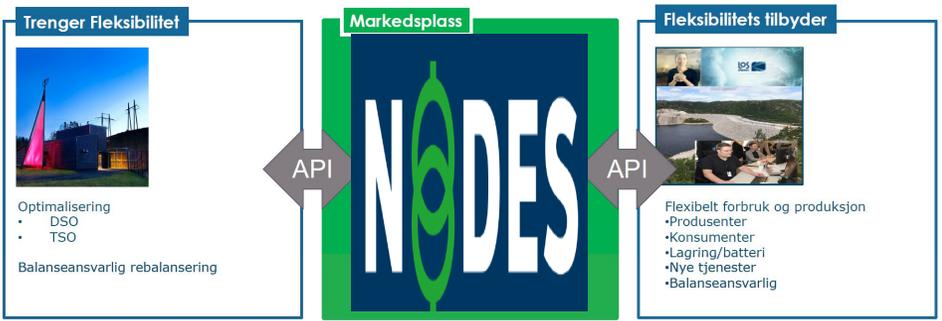


Flexibility gives rise to a new marketplace opportunity

Agder Energi og Nord Pool samarbeider om fremtidens markedsplass

<CLICK>

Energiselskapet Agder Energi og kraftbørsen Nord Pool har innledet et samarbeid om å utvikle en markedsplass for handel med desentral fleksibilitet.



Greener energy case Agder Energi & Nodes Market



ROMKAPLØPET

Microsoft tar opp romkampen mot Amazon med hjelp fra KSAT

Microsoft går inn i et samarbeid om satellitt-tjenester med Kongsberg Satellite Services.





Vil du vite mer?



Nils Kristian Liveng-Ness
niliveng@microsoft.com

<https://www.microsoft.com/en-us/corporate-responsibility/sustainability>