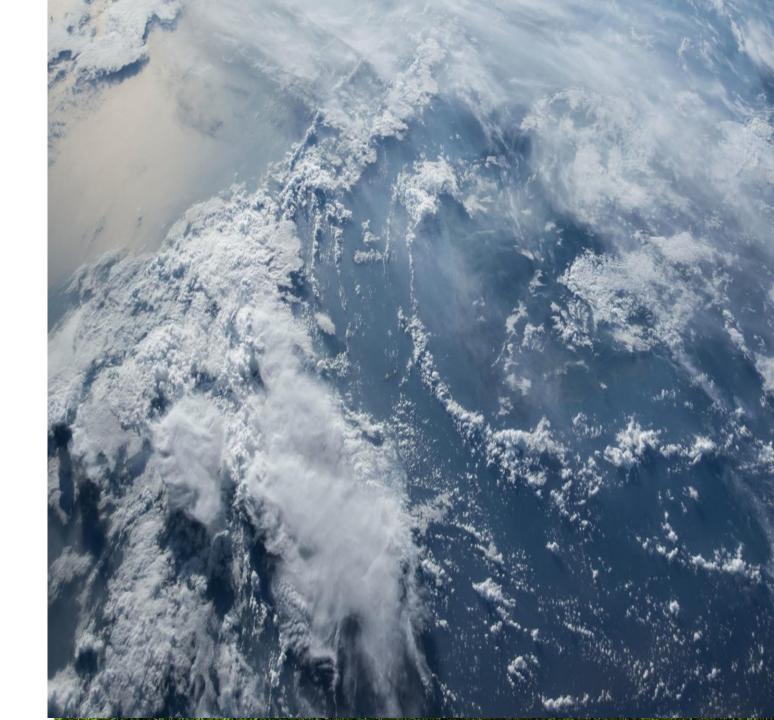


Microsoft's Moon Shot

Ellen Wilson, Feb 2020



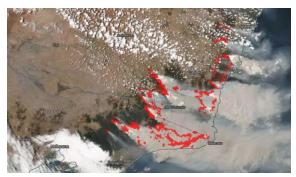
The global impact of carbon in the atmosphere



World's temperature rising by 1.5 degrees



Droughts may replace more than 200m people



Extreme temperatures



Flooding

Some carbon math background

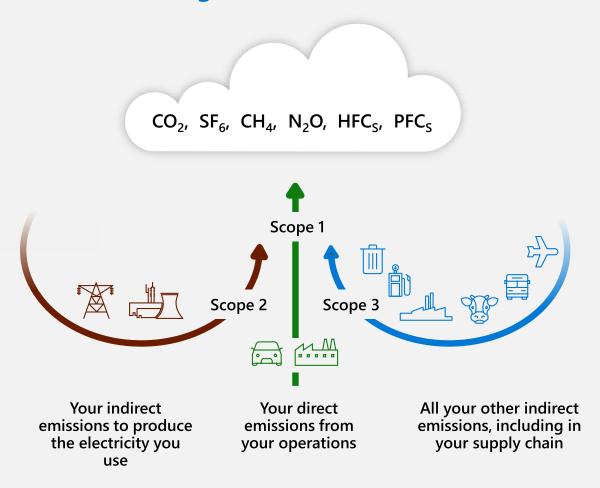
50 Billion

Tons of carbon dioxide is currently being emitted annually

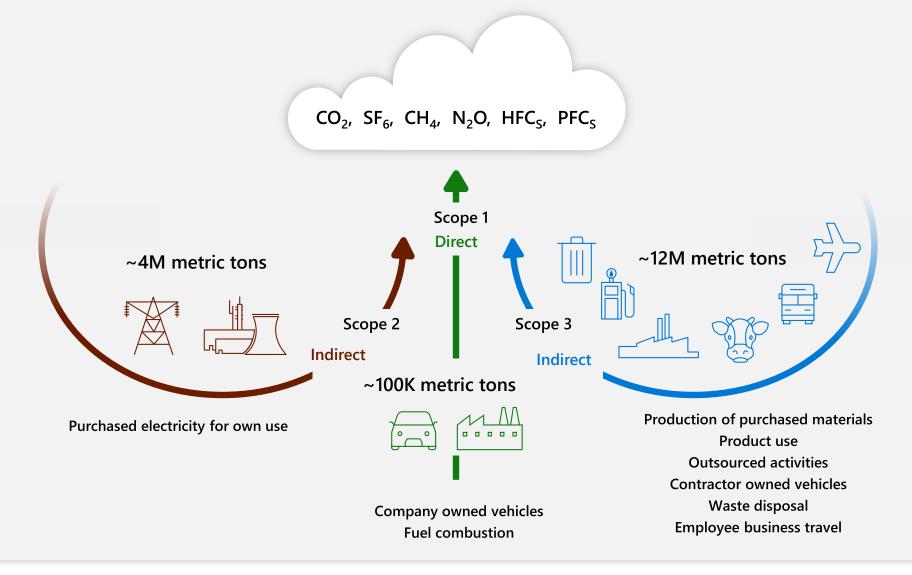
Carbon dioxide equivalents include: CO_2 (1x), CH_4 (25x), N_2O (298x), SF_6 (22,800x), CFC_S , PFC_S

Once emitted, carbon dioxide persists in the atmosphere for roughly **2,000 years**.

Three categories of carbon emissions



Microsoft's carbon emissions



Microsoft's sustainability strategy



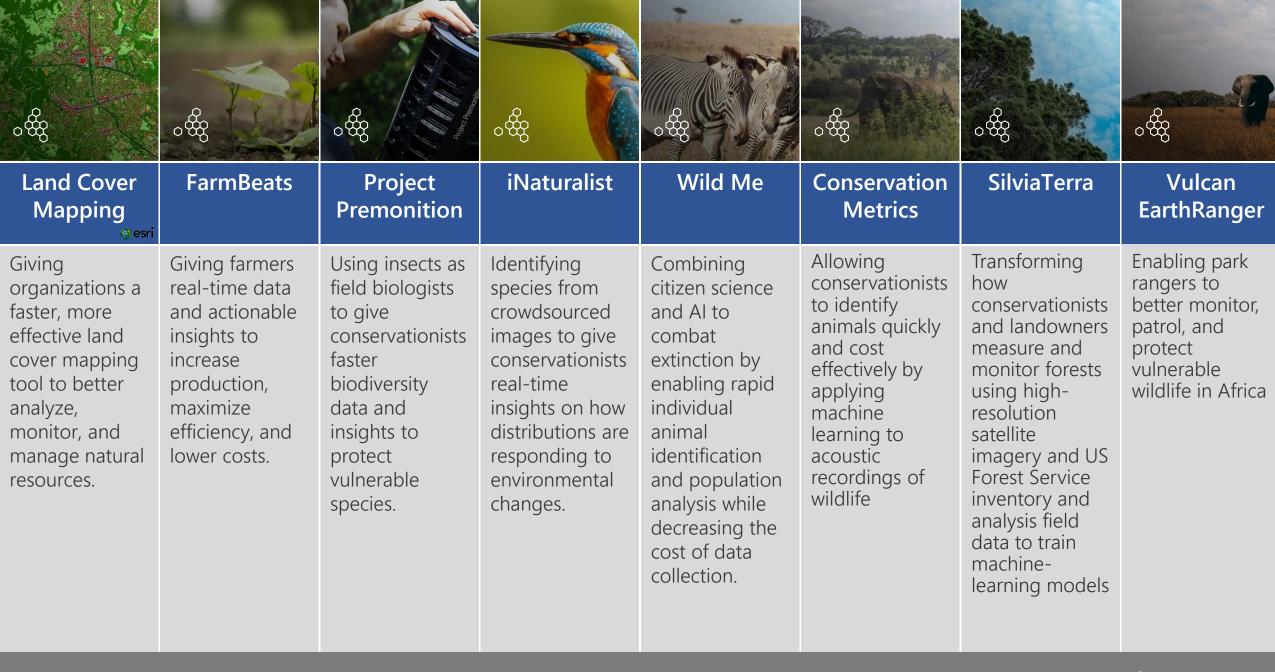


Al for Earth

Al for Accessibility

Al for Humanitarian Action

Al for Cultural Heritage



Featured Projects





Natick Northern Isles has now been up and running for almost one year. Here are some highlights:



Reliability

Natick Northern Isles has to-date demonstrated dramatically better reliability than our land-based counterpart!



Community Service

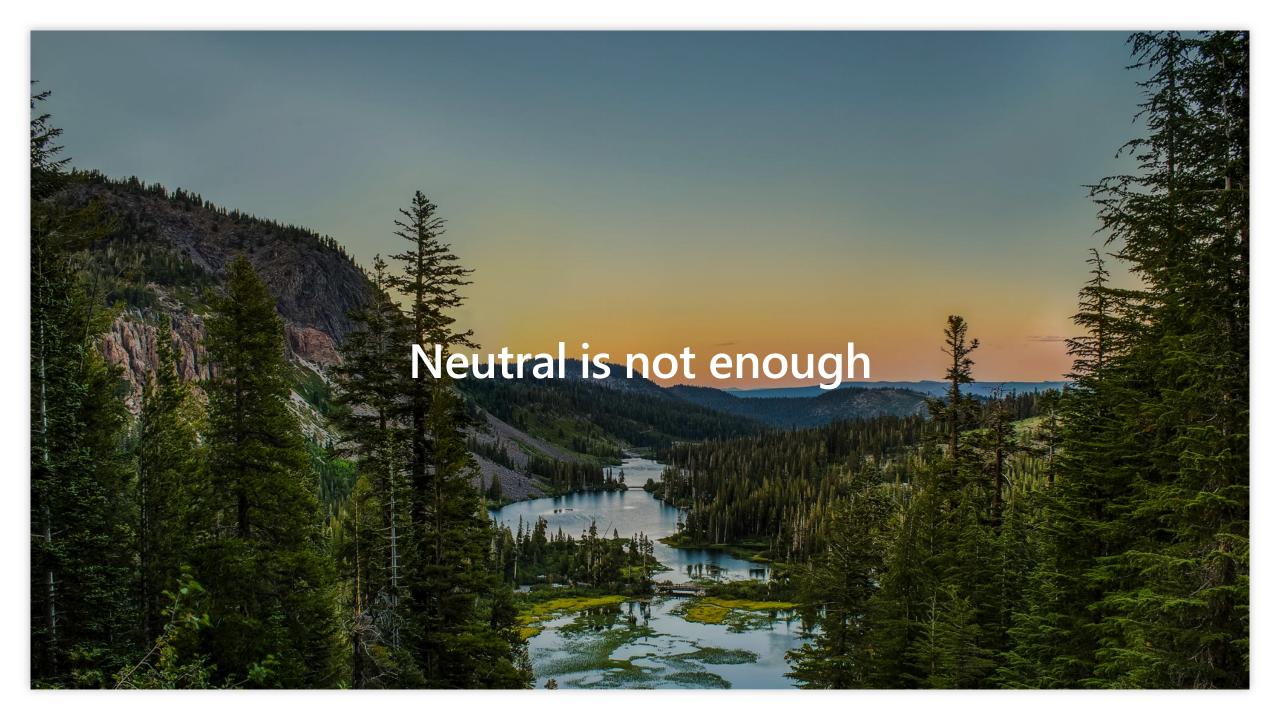
During commissioning, Natick reached as high as second in the world for daily run time on World Community



Since commissioning, Natick Northern Isles is being used by more than 18 groups at Microsoft.



The data center structure has created a shelter for local wildlife. Here's a photos of one of our favorite visitors:



Microsoft's principled approach



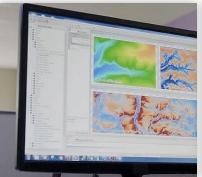
Take Responsibility for Microsoft's own carbon footprint including in our supply chain



Fund investment for better carbon reduction and removal



Support and empower suppliers and customers around the world



Work to advance transparency for reporting on emissions and removals



Use our voice on carbon-related public policy issues



Enlisting our
employees to enable
them to contribute
to our efforts

We're taking action ourselves



We're empowering our customers



We're investing in broader innovation

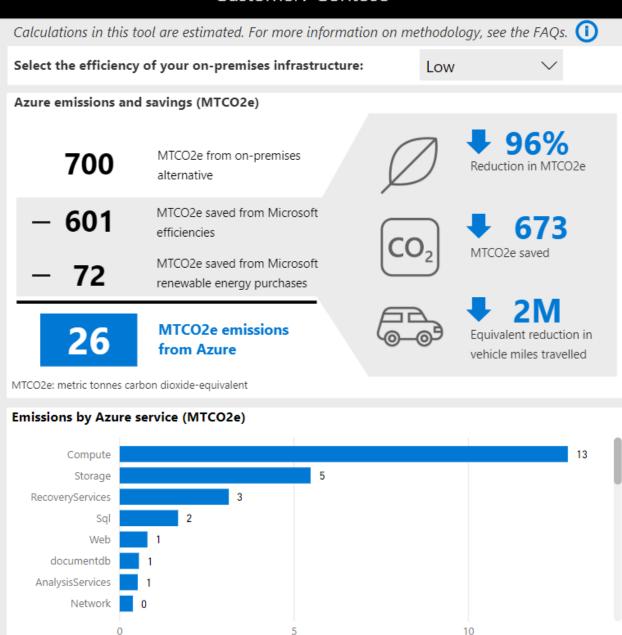


We're supporting government action

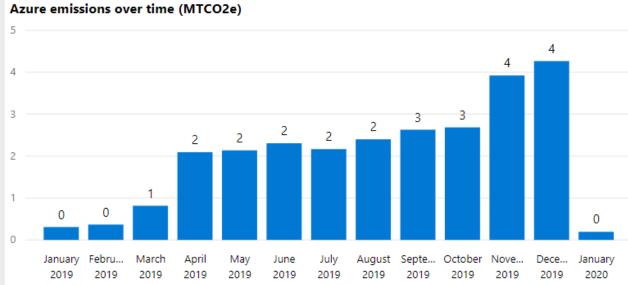


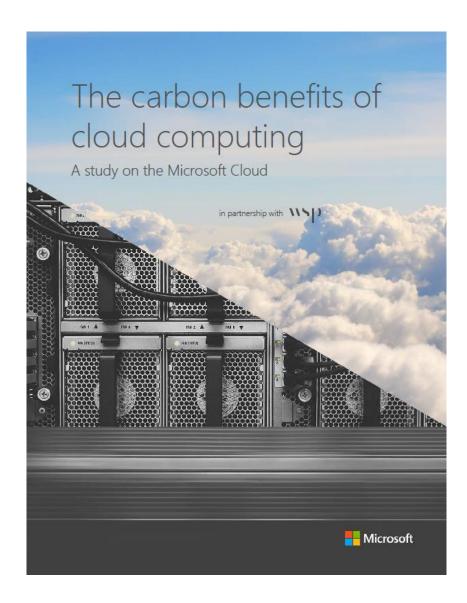
Carbon Calculator Customer: Contoso













How AI can enable a Sustainable Future



Watch our announcement

Learn more about our commitments

Download the Sustainability Calculator

Visit our website



Thank you.

Ellen Wilson, Feb 2020

