AWS re:Invent

ENT267-P

Sustainability & Impact Computing solutions built on AWS

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Agenda

- Introduction
- Amazon’s sustainability goals
- Customer use cases
- Impact Computing
- Customer use cases
- Next steps



"Invention comes in many forms and at many scales. The most radical and transformative of inventions are often those that empower **others** to unleash **their** creativity – **to pursue their dreams**."

Jeff Bezos

Sustainability

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Amazon’s sustainability goals

Amazon and Global Optimism announced The Climate Pledge, a commitment to meet the Paris Agreement 10 years early

Our sustainability goals are:

- 100% net-zero carbon by 2040
- 80% renewable energy by 2024
- 100% renewable energy by 2030
- 50% shipments net-zero carbon by 2030

Our mission

to be Earth’s most
customer-centric company

Where innovation begins

start with the customer
and work backward

More productive agriculture

By the year 2050, our planet will need to feed ten billion people

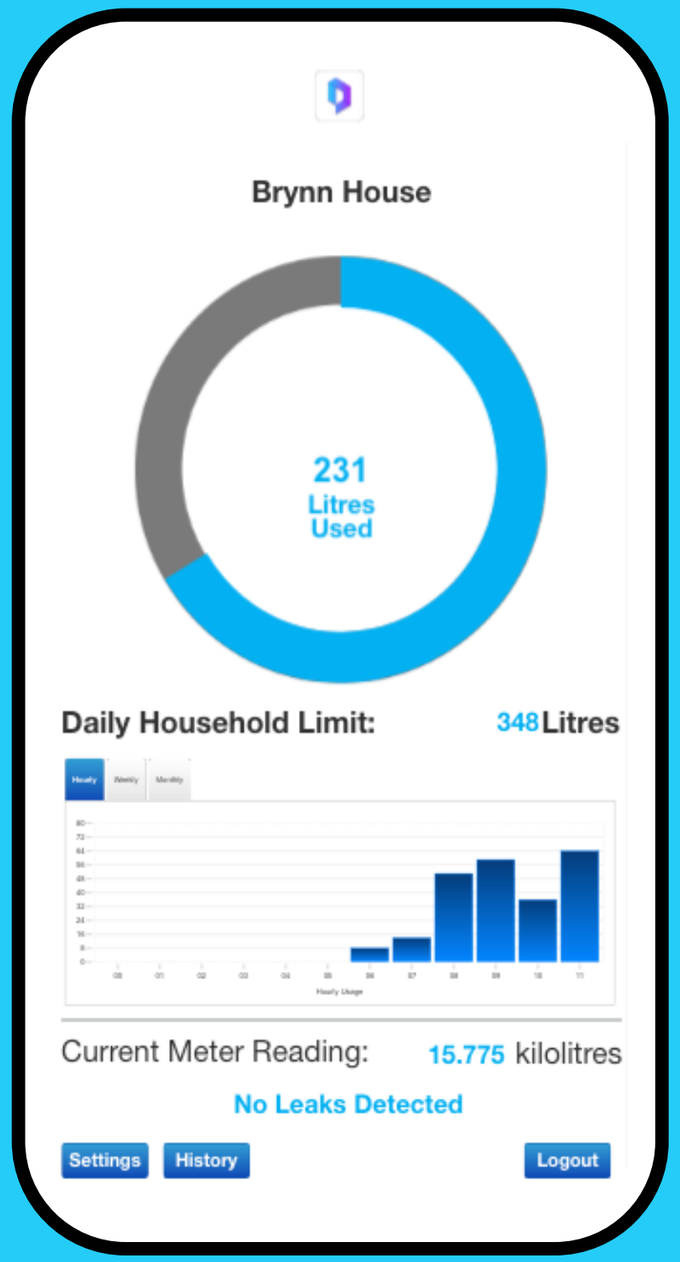
The Climate Corporation, a Bayer subsidiary, is using AI/ML to reduce in-field crop loss



Leveraging IoT to conserve water at scale

Record drought conditions in South Africa led to an app to engage consumers in water conservation efforts

Apex Innovation



Revolutionizing time-series predictive analysis to optimize renewable energy

Providing the value of data to customers requires the ability to adapt and understand how assets operate with more precision



Photo credit: National Renewable Energy Laboratory (NREL)

Next steps

- Connect your teams
- Understand your data
- Use strategy as your North Star
- Leverage Amazon’s working backward process
- Use technology as an accelerator
- Work with your AWS account team

Impact Computing

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Impact Computing enables our customers to solve the most complex global challenges at scale with AWS



Geospatial data accelerates understanding

The ability to access geospatial data rapidly is crucial to understanding how to solve our pressing global challenges

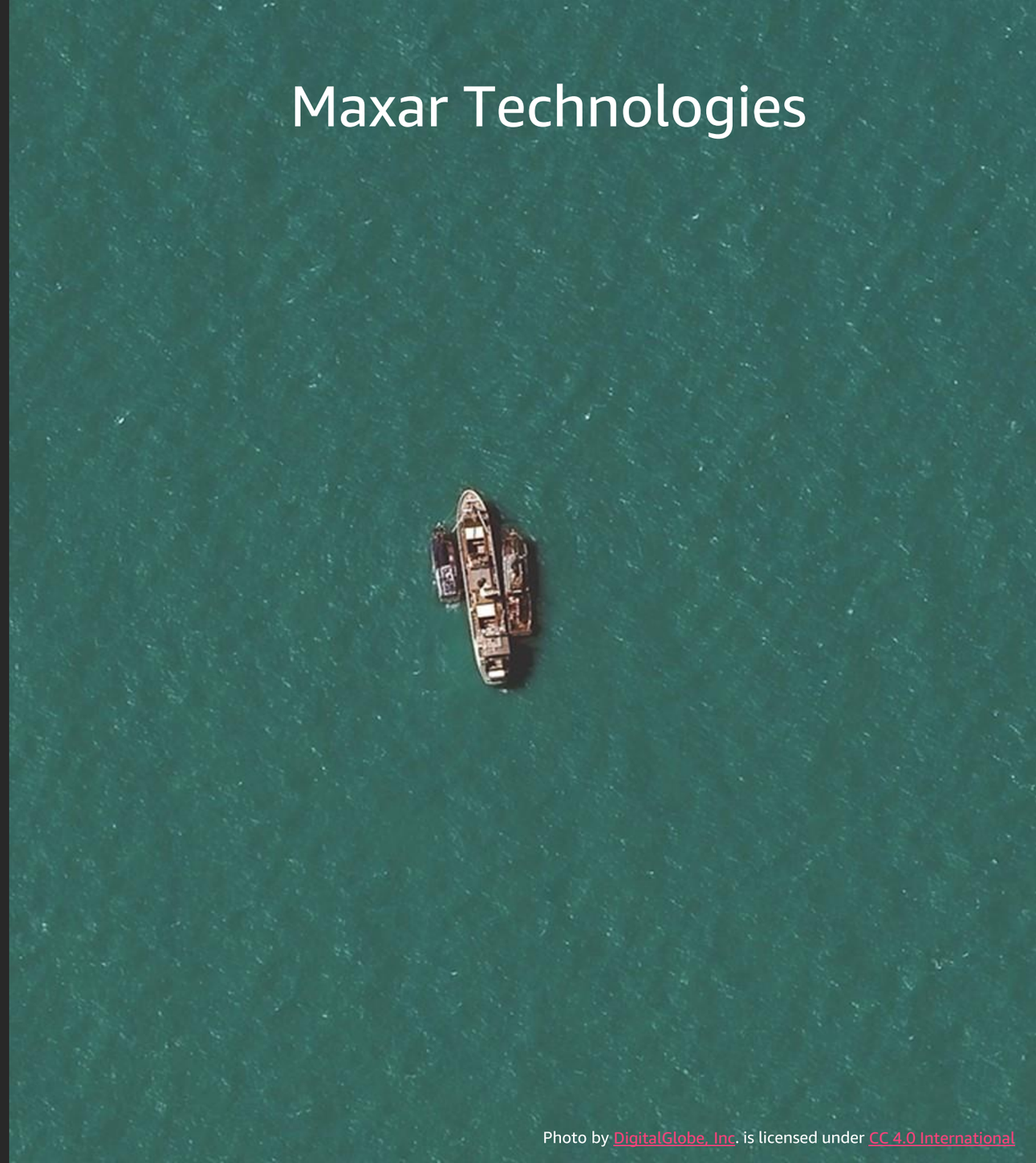
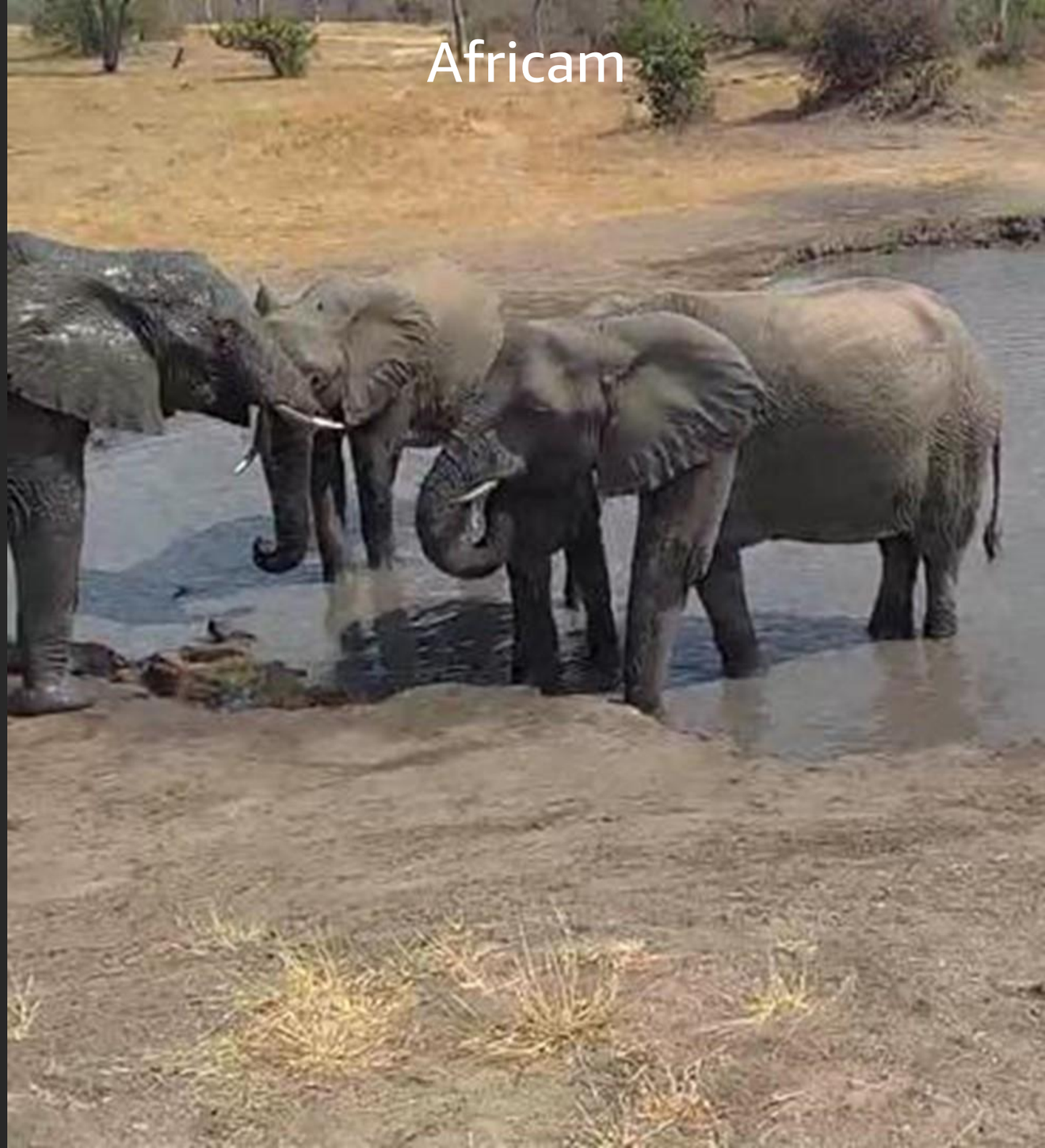


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Maintaining diverse ecosystems

One million animal species are at risk of extinction, and our survival is in direct correlation to the planet’s biodiversity



Ensuring sustainable crops

Rice is a staple food source for global populations and accounts for 20% of all calories per capita

International Rice Research Institute



How we work with customers



Scale AWS workloads



Engage business and technical teams



Elevate your work and impact

Thank you!

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