

Al for Earth is a Microsoft program aimed at empowering people and organizations to solve global environmental challenges by increasing access to Al tools and educational opportunities, while accelerating innovation.

# **Solution** Commitments

## Increase access

We are providing seed grants so researchers and organizations can gain access to cloud and Al computing resources.

## Provide education

We are providing educational resources to make sure organizations know what is available, how to use it, and how it can meet their specific needs.

## Fuel innovation

We are accelerating the pace of innovation by showcasing lighthouse projects, publishing research, and collaborating with others to expand and grow initial projects.

# Areas of Focus

Al for Earth program activity is focused on four areas that are vital in building a sustainable future:





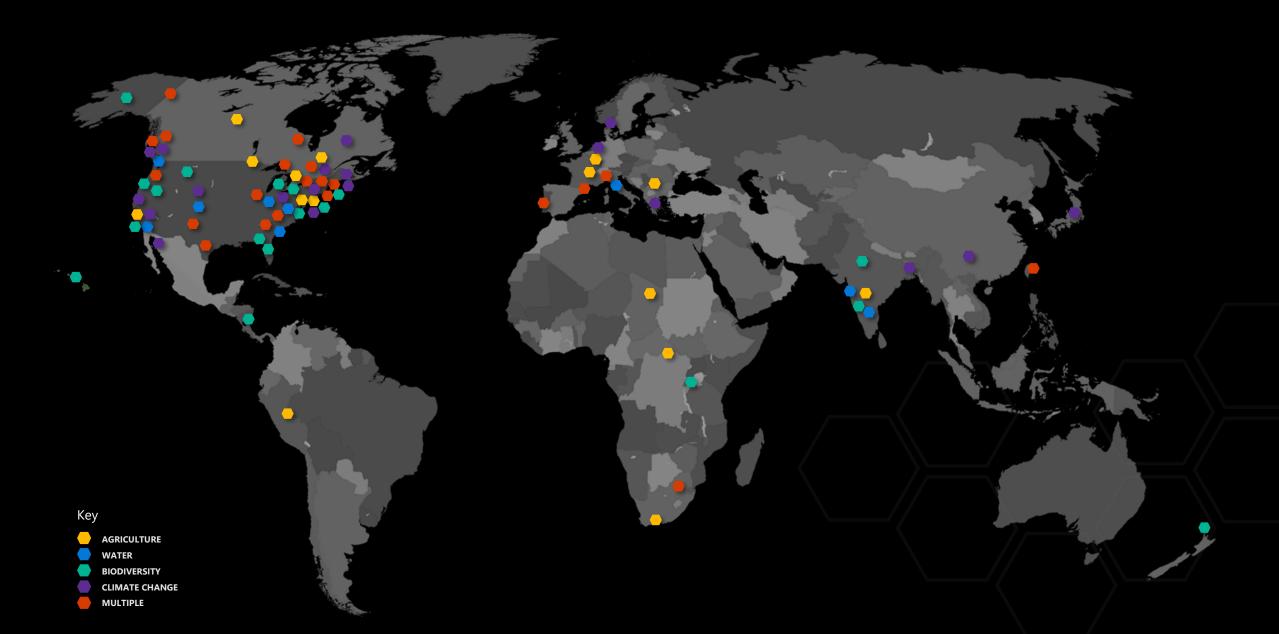


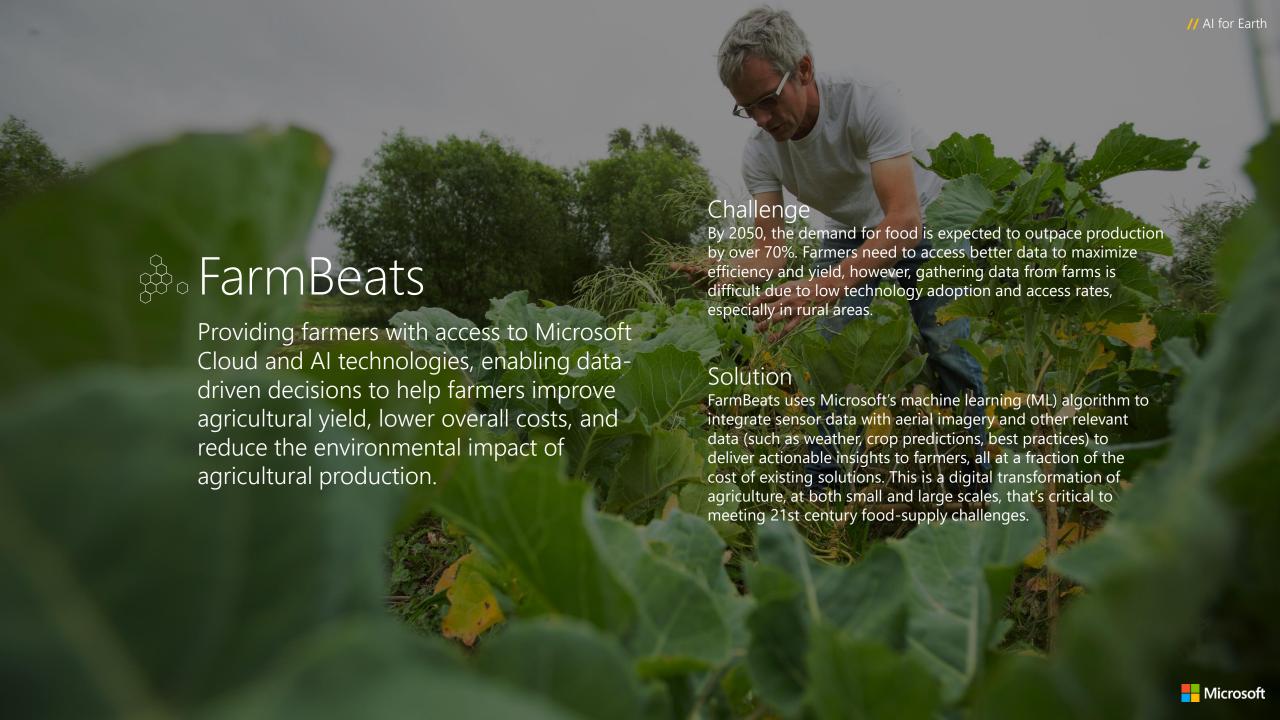


### AI FOR EARTH

Azure Award Grantees







# Land Cover Mapping

Giving organizations a faster, more effective, and lower cost land cover mapping tool to help them better analyze, monitor, and manage natural resources.

#### Challenge

Creating high-quality land cover maps with today's high-resolution imagery is a resource-intensive process. It can take up to a year to become available to the public, and is time consuming to sort, manage, and classify images into land cover data.

#### **Solution**

Microsoft's goal is to help make the land cover mapping process faster, easier, and more accessible to everyone. We want to enable on-the-fly land cover mapping, and allow conservation groups to create high-resolution land cover maps with their own data; develop accurate, actionable insights more quickly; and easily transfer maps and insights to other organizations.







