



## CLIMATE TECH CASE STUDY

### Land Use

#### **Space Intelligence**

Space Intelligence has collaborated with NatureScot on a Can Do Innovation Fund Challenge: “AI for Good – How can we use Artificial Intelligence (AI) techniques to tackle the climate emergency?”

The companies are working together to develop a complete and repeatable map of habitats and land use in Scotland to improve how they calculate Scotland’s natural capital: one of the indicators in the Scottish Government’s National Performance Framework.

Natural capital is a term for the habitats and ecosystems that provide social, environmental and economic benefits including the ability of habitats to store and even absorb carbon.

NatureScot did not previously have a national up-to-date map of habitats and land use and this lack of data affected the accuracy and usefulness of the calculations that we could make. Space Intelligence have used satellite data and AI to create a map for the whole of Scotland that can be repeated helping us to identify and measure change.

View the website [here](#).