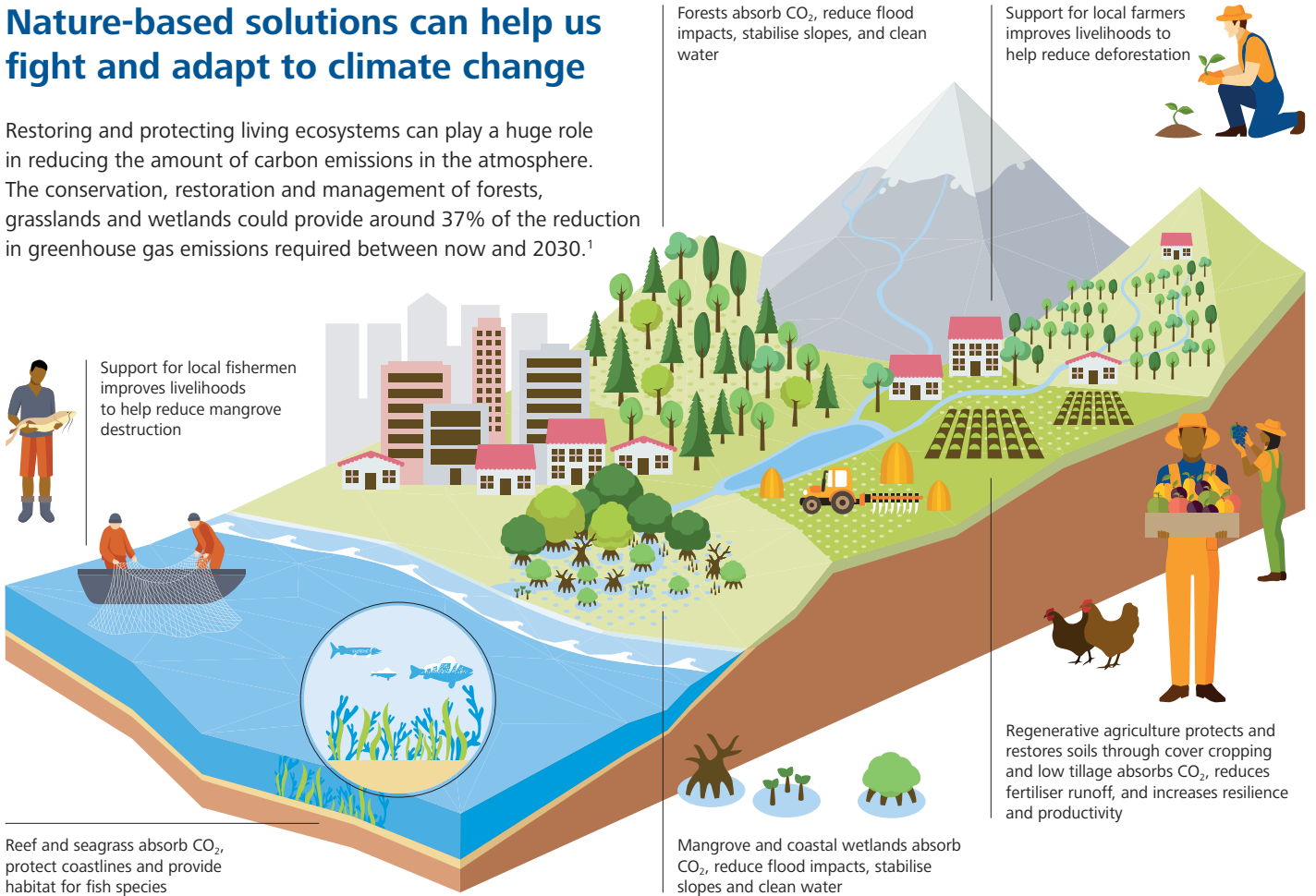


Nature-based solutions can help us fight and adapt to climate change

Restoring and protecting living ecosystems can play a huge role in reducing the amount of carbon emissions in the atmosphere. The conservation, restoration and management of forests, grasslands and wetlands could provide around 37% of the reduction in greenhouse gas emissions required between now and 2030.¹



Channelling finance to nature-based solutions

Historic emissions
Business-as usual emissions

2000 2010 2020 2030 2040 2050

Fossil fuel mitigation

NCS mitigation
<math><2^{\circ}\text{C}</math> pathway

Nature-based solutions can help to cost-effectively meet Paris targets.

South Pole has helped mobilise billions in investment in emissions reduction projects through carbon credits and renewable energy certificates and is building funds to scale up investment in cost-effective nature-based solutions.

Understanding climate risks and opportunities

100 countries have submitted domestic climate action targets under the Paris agreement that mention the use of different natural climate solutions.

South Pole helps clients to develop nature-based strategies by pinpointing potential disruptions to their supply chains and identifying risks and opportunities arising from changing physical and political climates.

Developing nature-based projects

Forests offer about one half of the lowest-cost emissions reduction opportunities below \$10 per tCO₂e, while grassland and agriculture pathways account for one quarter, and wetlands 19%.

South Pole has generated more than 37 million tonnes of verified emission reductions from forest projects – more than any other developer – and has extensive experience in wetland and coastal projects, winning “Best Project Developer” and “Best Project Developer – Forestry and Land Use” in 2018 carbon market rankings.

Developing more sustainable global supply chains

Grassland and agriculture offer one quarter of the lowest-cost emissions reduction opportunities below \$10 per tCO₂e.

South Pole supports farmers and some of the world’s most renowned brands to take climate action that reduces emissions and builds more resilient, higher-value supply chains for agricultural and other commodities.

Forest solutions	Peatland solutions	Smart agriculture solutions	Blue carbon
6911.7 MtCO ₂ e	1069.8 MtCO ₂ e	321.3 MtCO ₂ e	117 MtCO ₂ e

These solutions could reduce emissions at a maximum cost of \$100 per tonne of CO₂ equivalent.

Need support deciding on a nature-based strategy or implementing solutions? Email info@southpole.com to book a free consultation.

¹ **Natural climate solutions** Bronson W. Griscom et al, Proceedings of the National Academy of Sciences Oct 2017, 114 (44) 11645-11650; DOI: 10.1073/pnas.1710465114