



Food and Agriculture
Organization of the
United Nations



IFAD
Investing in rural people

ABC-Map

ABC-Map, the Adaptation, Biodiversity and Carbon Mapping Tool, is a **geospatial app** based on Google Earth Engine that holistically assesses the environmental impact of national policies, plans and investments in the agriculture, forestry, and other land use change (AFOLU) sector.

The app is aligned with the objectives of, and designed to support governments and international institutions in their commitments under the **three Rio Conventions**: United Nations Framework Convention on Climate Change (UNFCCC) and its Paris Agreement, the Convention on Biological Diversity (CBD) and the United Nations Convention to Combat Desertification (UNCCD).



ADAPTATION

The **adaptation section** of ABC-Map has been designed to identify and understand **geophysical and climate change hazards** and exposure to their effects. Indicators include data on elevation, slope, and water occurrence, as well as climate-based indicators on temperature, precipitation, and extreme weather patterns.



BIODIVERSITY

The **biodiversity section** is composed of four complementary indicators which together give a **holistic view of pressures and impacts** on biodiversity; mean species abundance, natural capital, key biodiversity areas and protected areas (and the land use changes within these areas).

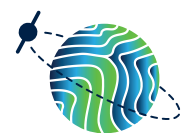


CARBON

The **carbon section** of ABC-Map is based on the same methodology of FAO's **NEXT** tool and provides indicators of the total carbon stock and the social value of carbon.

ABC-Map was developed with support from the **International Fund for Agricultural Development (IFAD)**, the **Agence Française de Développement (AFD)** and the **Bundesministerium für Ernährung und Landwirtschaft (BMEL)**.

In October 2022, IFAD officially endorsed ABC-Map and became a partner to the tool, as well as adopted the tool to measure its new Biodiversity Core Indicator 'Biodiversity improvements at ecosystem-level'.



abc-map.org

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