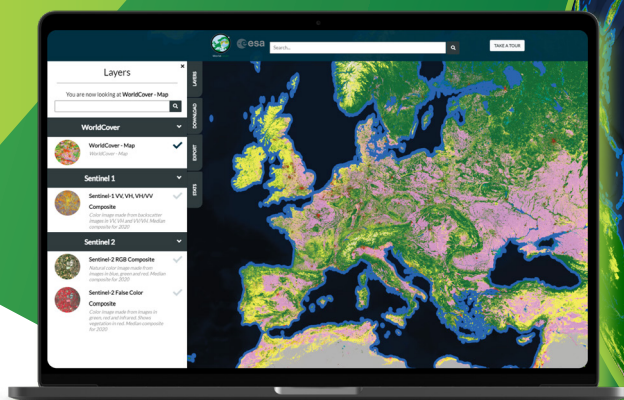




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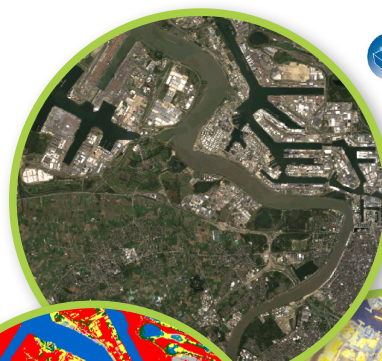
WORLDCOVER

GLOBAL LAND COVER MAP AT 10 M RESOLUTION

A NEW BASELINE LAND COVER PRODUCT AT UNPRECEDENTED DETAIL

WorldCover provides new baseline global land cover products for **2020 and 2021 at 10 meter resolution**, commissioned by the European Space Agency and developed by a consortium of Earth observation service providers and research organisations.

One of the key benefits of the WorldCover maps are their unprecedented detail. By using both **Copernicus Sentinel-1 and Sentinel-2** satellite data, WorldCover provides land cover information in areas with persistent cloud cover and (enables) near real time updates.



 sentinel-2



 sentinel-1



Sentinel-2 True Color Composite, Sentinel-1 False Color Composite and resulting WorldCover 2021 map over Antwerp (Belgium).

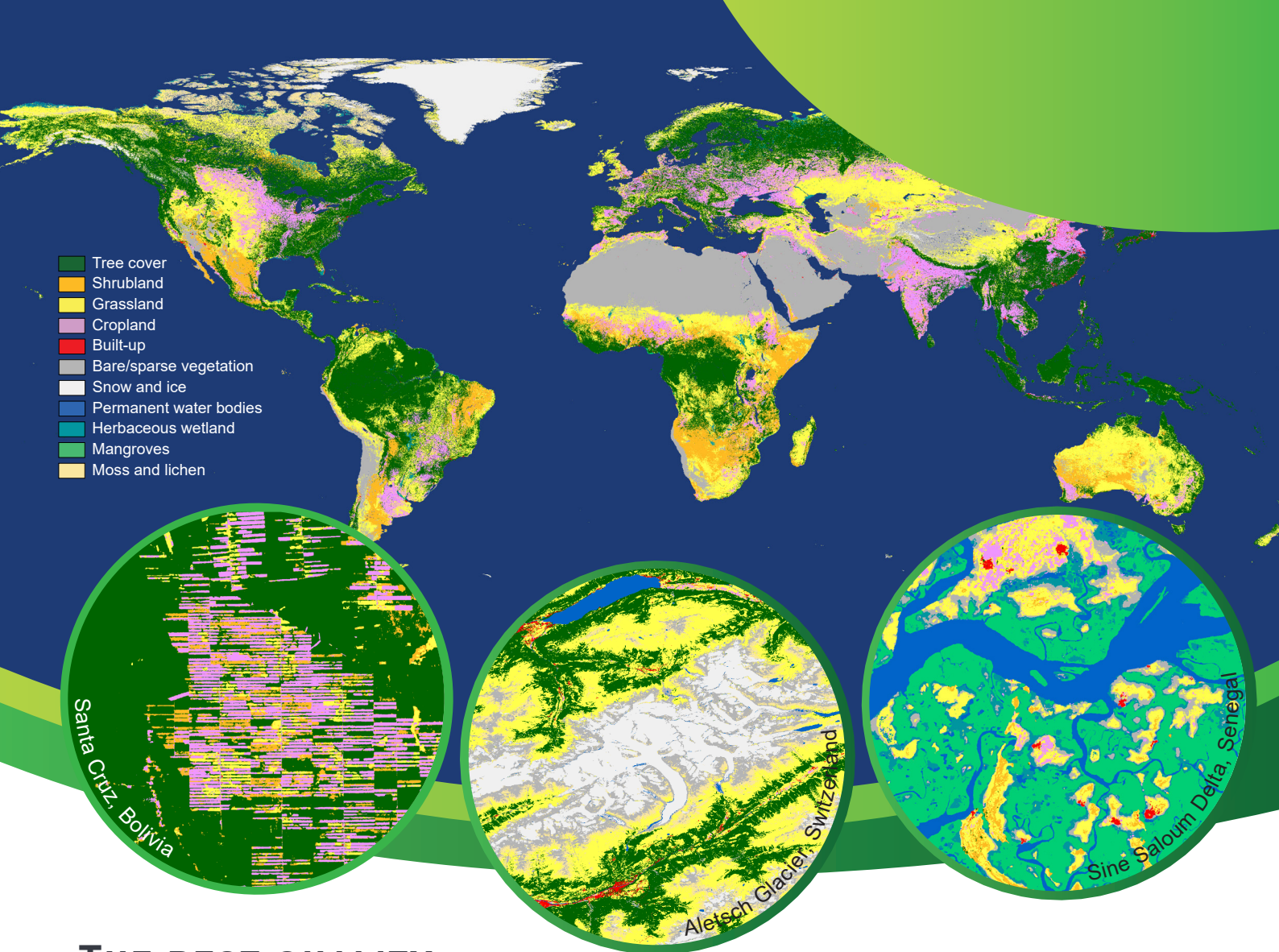
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THE BEST QUALITY FOR VARIOUS USERS

WorldCover aims to substantially benefit various user communities, support them and facilitate the development of novel services. In fact, **five key end-users** played an integral part in the project, serving as primary input for all engineering aspects.



WORLD
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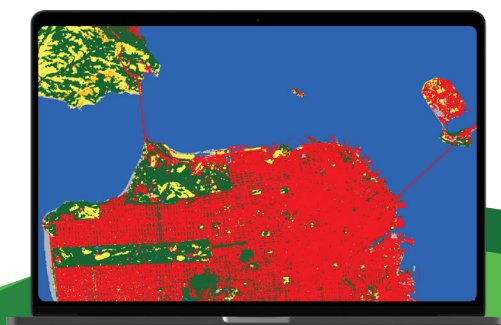


Food and Agriculture Organization
of the United Nations

Additionally, WorldCover was **independently validated by Wageningen University** showing an overall accuracy of the WorldCover between 75% (2020) and 77% (2021).

Showing **11 different land-cover classes**, the WorldCover maps are valuable for a wide range of applications, including food security, carbon assessment, land-use planning, biodiversity monitoring, climate change impact and tourism.

WorldCover is **accessible open and free** for anyone interested in monitoring global land cover via the **user-friendly WorldCover viewer**. It lets you zoom in, compare area statistics between countries and regions, save the data you need, and even give feedback.



WorldCover

