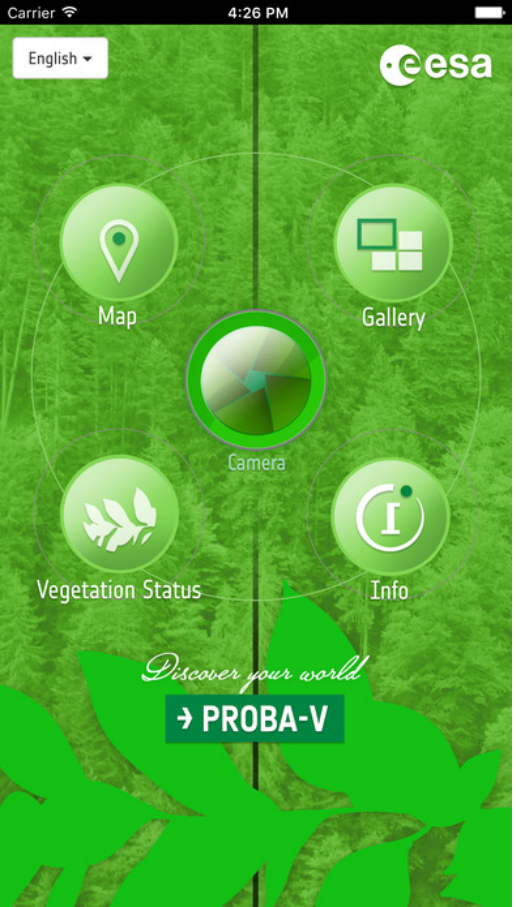
Carrier
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English
esa
Map
Gallery
Camera
Vegetation Status
Info
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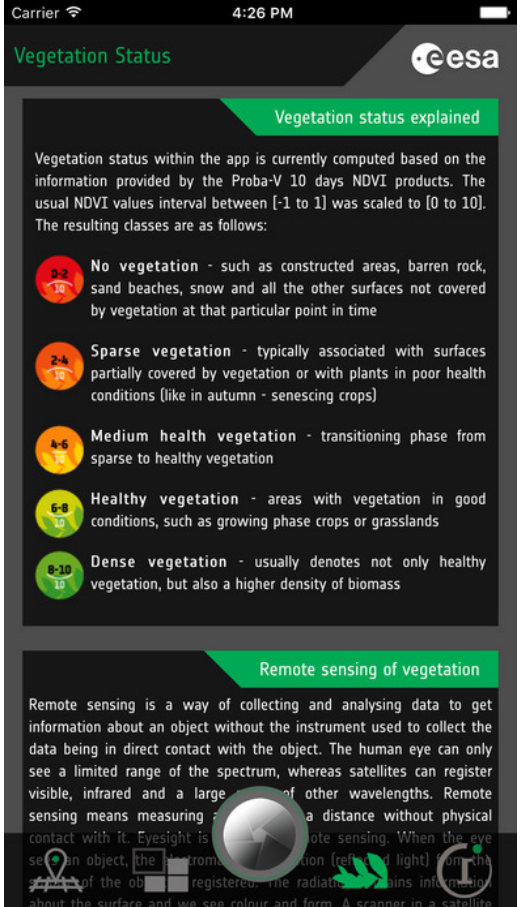
→ PROBA-V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Vegetation Status
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Vegetation status explained
Vegetation status within the app is currently computed based on the information provided by the Proba-V 10 days NDVI products. The usual NDVI values interval between [-1 to 1] was scaled to [0 to 10]. The resulting classes are as follows:
0-2 10
No vegetation - such as constructed areas, barren rock, sand beaches, snow and all the other surfaces not covered by vegetation at that particular point in time
2-4 10
Sparse vegetation - typically associated with surfaces partially covered by vegetation or with plants in poor health conditions (like in autumn - senescing crops)
4-6 10
Medium health vegetation - transitioning phase from sparse to healthy vegetation
6-8 10
Healthy vegetation - areas with vegetation in good conditions, such as growing phase crops or grasslands
8-10 10
Dense vegetation - usually denotes not only healthy vegetation, but also a higher density of biomass
Remote sensing of vegetation
Remote sensing is a way of collecting and analysing data to get information about an object without the instrument used to collect the data being in direct contact with the object. The human eye can only see a limited range of the spectrum, whereas satellites can register visible, infrared and a large

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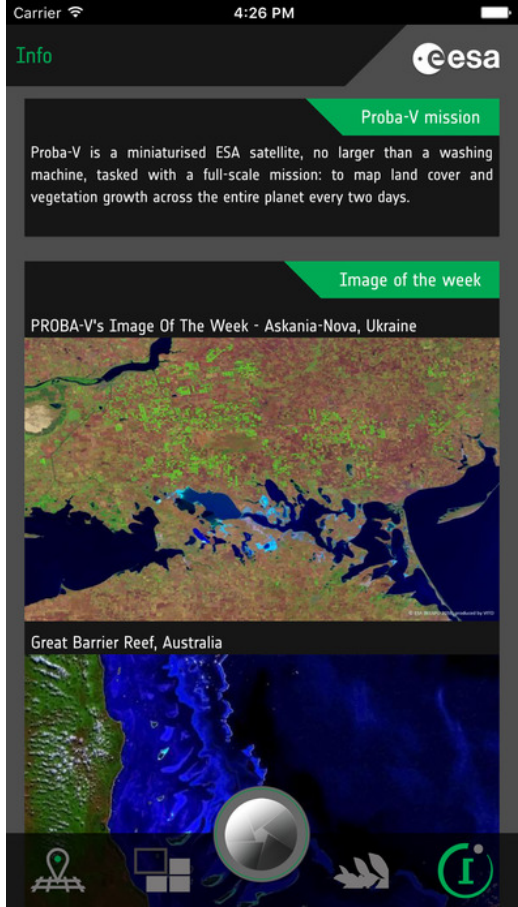
France
România
Italia
España
Ελλάδα
Türkiye
Algérie
Libya
Mauritanie
Mali
السودان
Sudan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Proba-V mission
Proba-V is a miniaturised ESA satellite, no larger than a washing machine, tasked with a full-scale mission: to map land cover and vegetation growth across the entire planet every two days.
Image of the week
PROBA-V's Image Of The Week - Askania-Nova, Ukraine
Great Barrier Reef, Australia