

## GeoRunner Data Management Plan ver.1.0

by Data Lions

### OpenStreetMap

Application uses **OpenStreetMap**.

Statement from OSM website: OpenStreetMap is *open data*: users are free to use it for any purpose as long as they credit OpenStreetMap and its contributors. If user alters or build upon the data in certain ways, he/she may distribute the result only under the same license.

GeoRunner also uses CartoDB (a free version for NGO's) and leaflet (<https://leafletjs.com> - open source java script library for both mobile and web interactive maps).

### Sentinel 2 & 3

Space assets required for the application are available at the Copernicus Land Monitoring Services and the Sentinel Hub. All of those are free to use even for commercial purposes. GNSS units are embedded in every mobile device and they are using only GPS (older smartphones) or multiple constellations (GPS, Galileo, GLONASS).

#### **Information from SciHub (<https://scihub.copernicus.eu/userguide/>)**

Anyone can register online via self-registration. Registration grants access rights for searching and downloading Sentinels products. Sentinels products are available at no cost for anybody. The data available through the Data Hub is governed by the Legal Notice on the use of Copernicus Sentinel Data and Service Information, which the User is deemed to have accepted by using the Sentinel data.

The Sentinel-2 data offer for the Open Access Hub will consist of Level-1C and Level-2A user products.

The Sentinel-3 data offer for the Open Access Hub will consist of Level-1 and Level-2 **Land** user products for the OLCI, SLSTR and SRAL instruments.

**Information from CLMS website (<https://land.copernicus.eu/about>):**

**Copernicus Land Monitoring Service (CLMS)** provides geographical information on land cover to a broad range of users in the field of environmental terrestrial applications. This includes land use, land cover characteristics and changes, vegetation state, water cycle and earth surface energy variables.

**Who can use the Copernicus Land Monitoring Service?**

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There is no restriction on the use, reproduction or redistribution of the information and data.

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