



Subject: Request for Information (RFI)

Date of Issuance: November 10, 2021

Response Due Date: 31.12.2021 12:00PM (Israel time)

Respond Via Email: Omerb@moag.gov.il

Request for information regarding crop mapping and crop type identification

Background:

The ministry of agriculture and rural development (the "Ministry") hereby invites the public to provide them with information regarding methods to implement remote sensing in order to create a national map of the agricultural land classified by crop types¹.

The ministry holds a geographic database of the vegetation-plots (200,000 plots / 400,000 hectare) that includes crop groups², farmer identity etc. The information updates once every several years based on surveys and other sources. Following the recent change in policy, it is necessary to improve the updates frequency and automate the process.

In recent years numerous technologies were developed, (such as remote sensing, machine learning and artificial intelligence) using different platforms (such as satellites, airplanes, and drones) enabling the acquisition of incites regarding vegetation, crop type, irrigation and additional parameters.

The ministry is addressing the public in order to receive solutions to the challenges specified below using the technologies above or any other technology that may fit.

Required Information:

1. Classification of each field as cultivated / uncultivated / irrigated / unirrigated over time.
2. Classification of crop group and type in order to verify farmer's declarations and, in the future, achieving a national automatic classification system.

Clarifications:

1. This Request does not constitute a Request for Proposals (RFP) and is not a tender procedure, therefore it does not create any commitment to any of the respondents. The Request is intended for obtaining information only and following this process, the Authority will decide upon continued action in accordance with professional and business considerations.

¹ Crop type - wheat, maize, stem vegetables, fruit-bearing vegetables, etc.

² Crop group - field crops, vegetables, plantations, etc.



2. Response to this Request shall not be a precondition for participating in a subsequent tender or competitive procedure, which may be issued in the future.
3. Any response to this request shall not grant an advantage in a future competitive procedure and shall not obligate the inclusion of the respondent in a competitive procedure of such, or any other engagement with the Authority of any kind.