



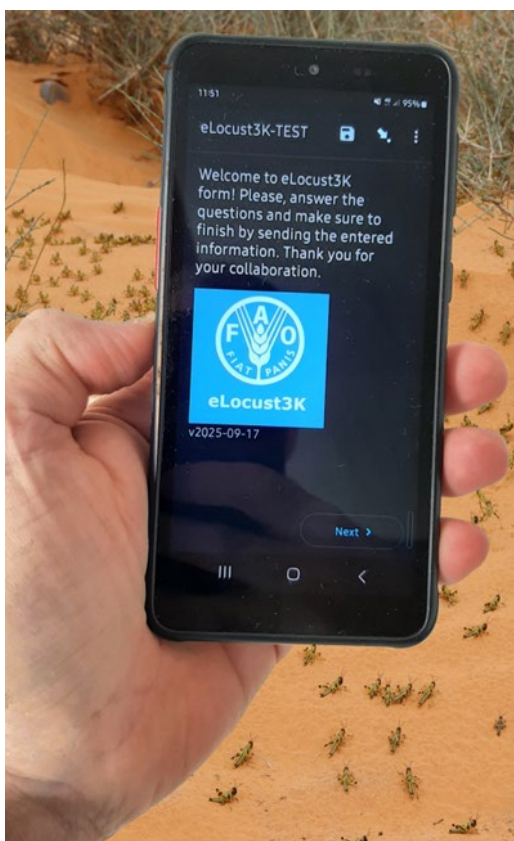
# eLocust3K: An easy-to-use application to collect desert locust survey and control data for early warning

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eLocust3K is an integrated solution developed by FAO to support field survey officers in collecting and transmitting desert locust survey and control data directly from their smartphones. Data can be entered offline and sent later when the officer regains access to a mobile network or a Wi-Fi connection.

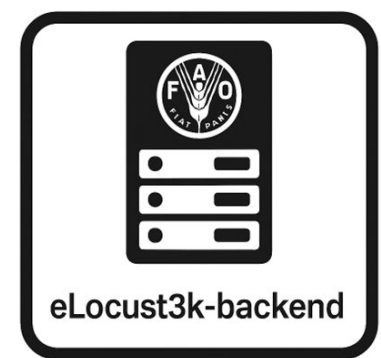
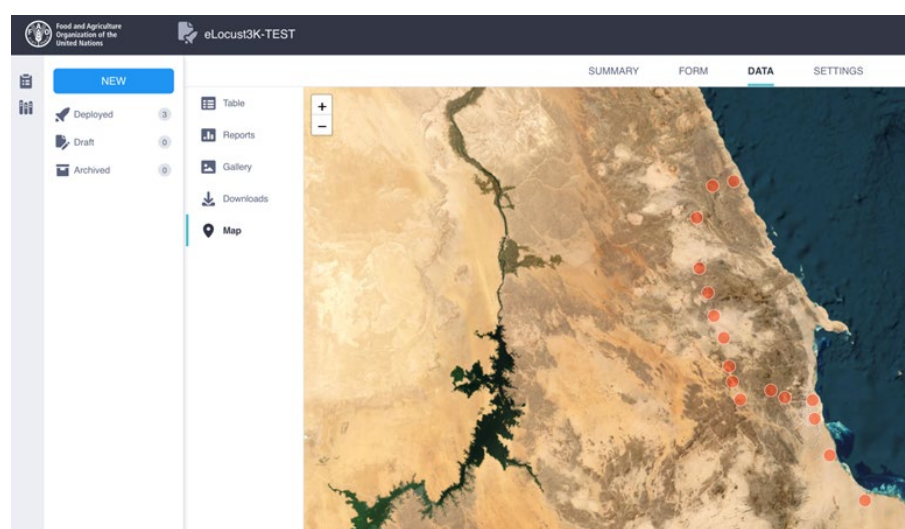
The solution is based on the KoboCollect app, which can be downloaded from the Google Play Store. A specific version of the eLocust3K form is available for each country, linked to a separate KoboToolbox project to ensure that data are not mixed between countries.

Data are stored locally on the phone and automatically transmitted to the national locust centre once a network connection is available. From there, the national Desert Locust Information Officer imports the data into the country's Geographic Information System (GIS) system for validation and analysis.

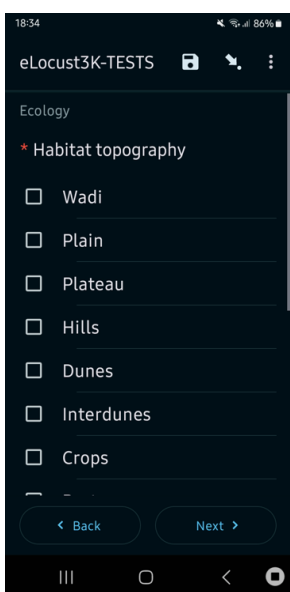


**1** Data are collected in the field and transmitted through internet with eLocust3K

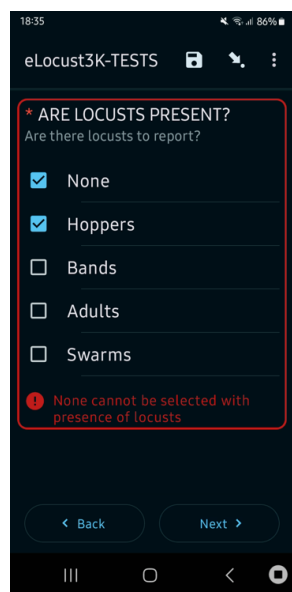
**2** Data are visible on kobo.fao.org



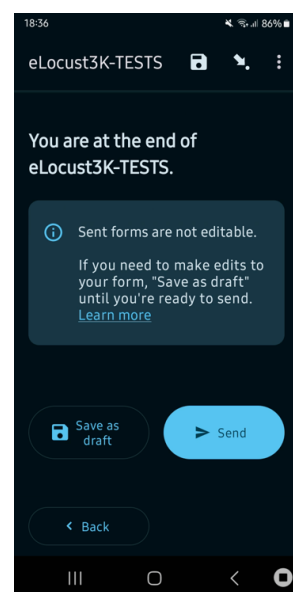
**3** On FAO backend server, data are:  
1) Checked  
2) Formatted  
3) Sent to Desert Locust Information Officers every night



Mandatory questions with a \*



Hints and verification on questions



Finish by "Send" !

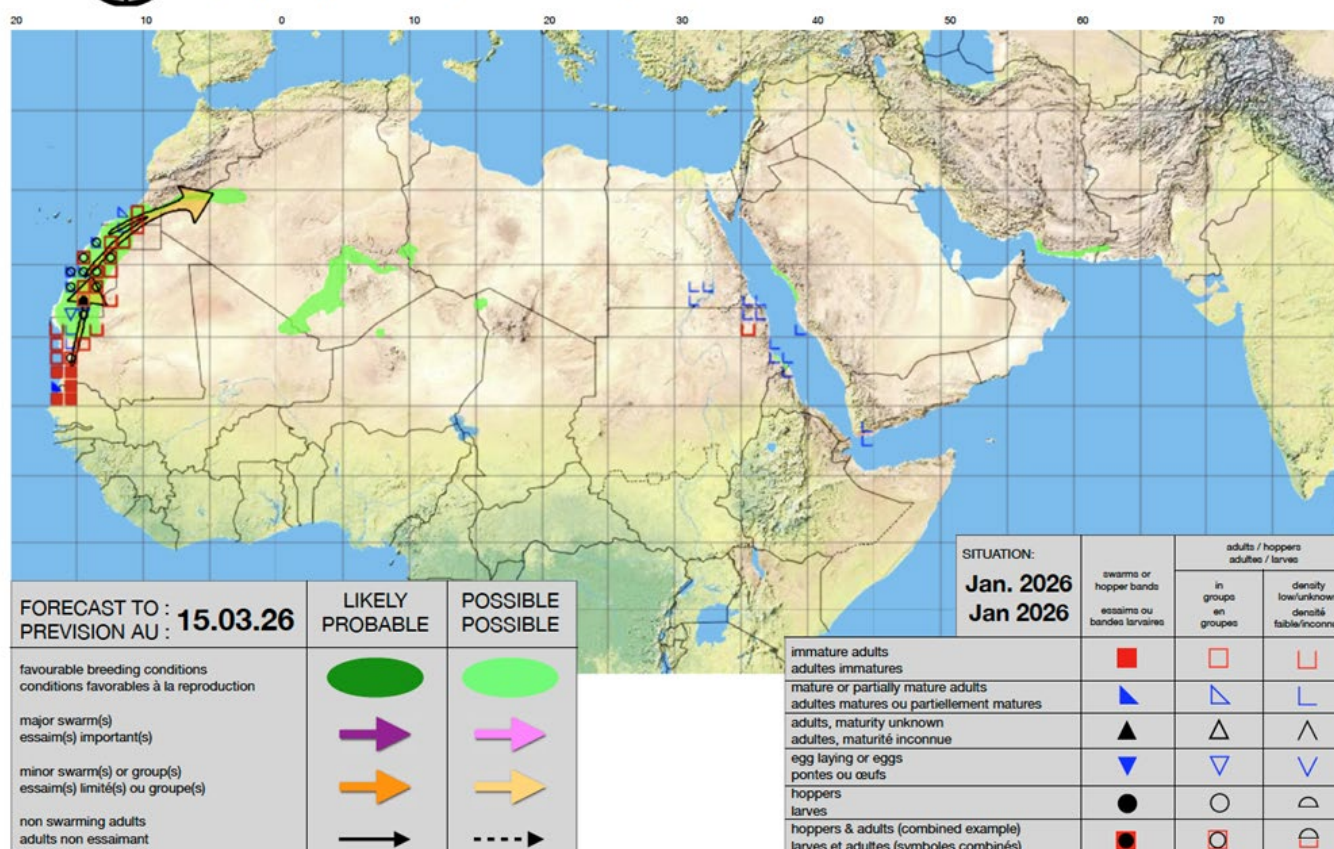


**4** Desert Locust Information Officers enter the data in their Geographic Information System, verify, correct the data and share it with FAO



Desert Locust Summary  
Criquet pèlerin – Situation résumée

568



**5** FAO analyze and synthesize the data of >20 countries and give alerts on desert locust outbreaks