

# Integrating Earth Observations into the Formulation and Implementation of



## National Adaptation Plans: Agriculture and Food Security



Climate change, increased disaster risk and unsustainable practices have huge implications on food security particularly in the low- and middle-income regions.

National Adaptation Plans (NAPs) provide a means for countries to identify and implement adaptation measures, including in agriculture. Beyond adaptation, NAPs involve co-benefits to help achieve Paris Agreement goals for mitigation, the Sustainable Development Goals, and disaster risk reduction objectives.

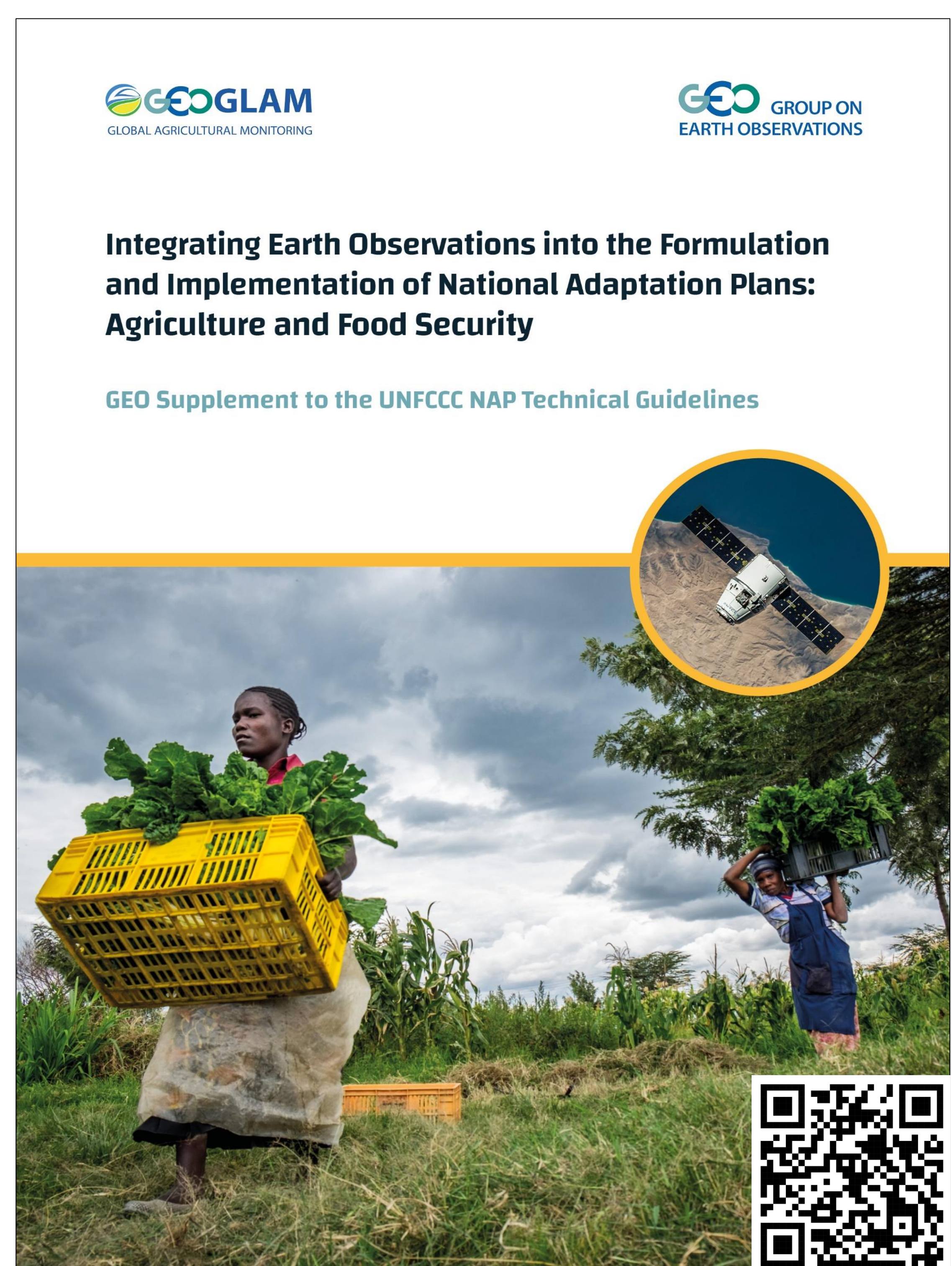
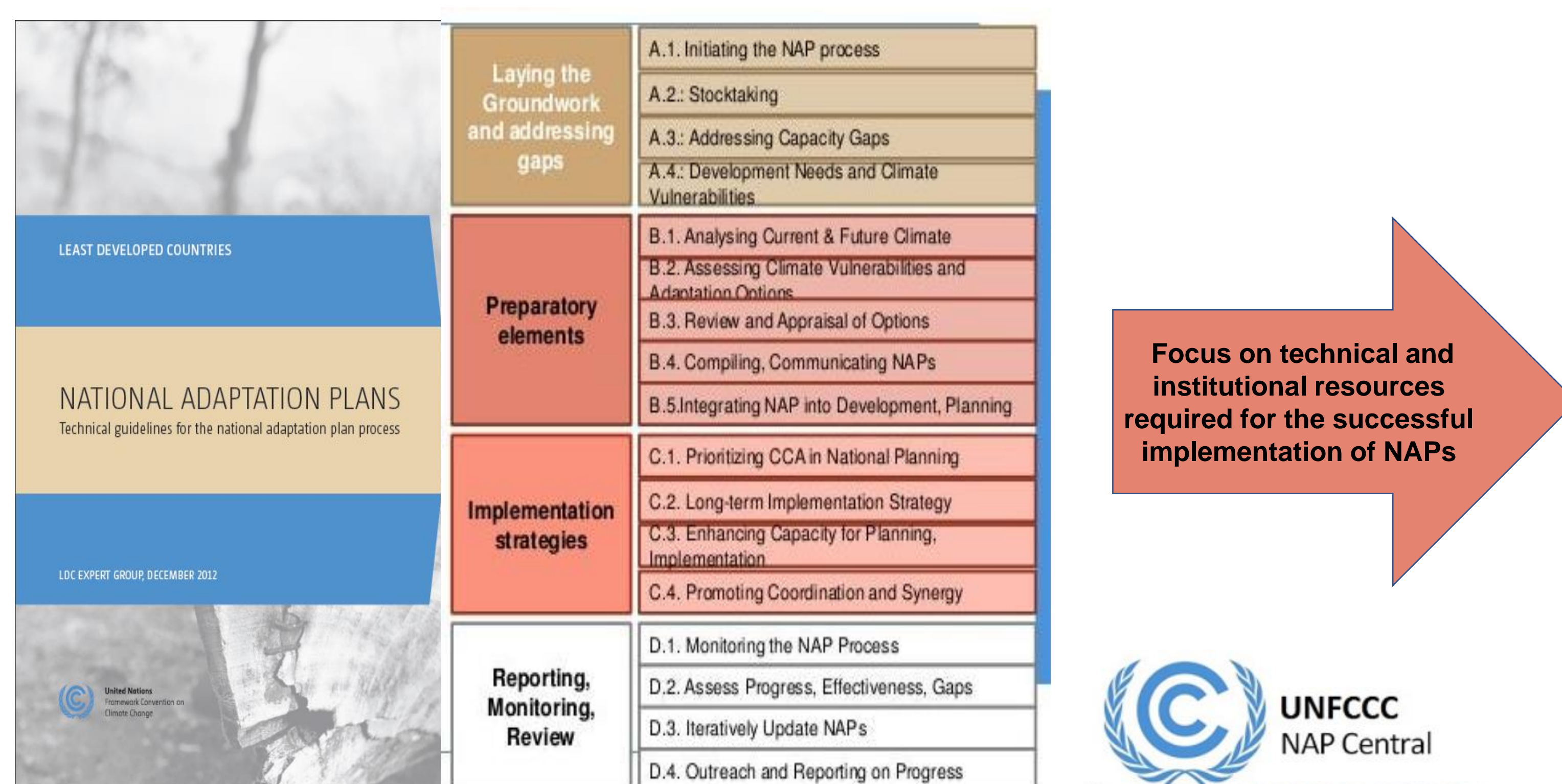
Established in 2001 under the United Nations Framework Convention on Climate Change (UNFCCC), the Least Developed Countries Expert Group (LEG) provides technical guidance and support for implementing the Convention and the Paris Agreement.

In the words of Kenel Delusca, the LEG Chair:

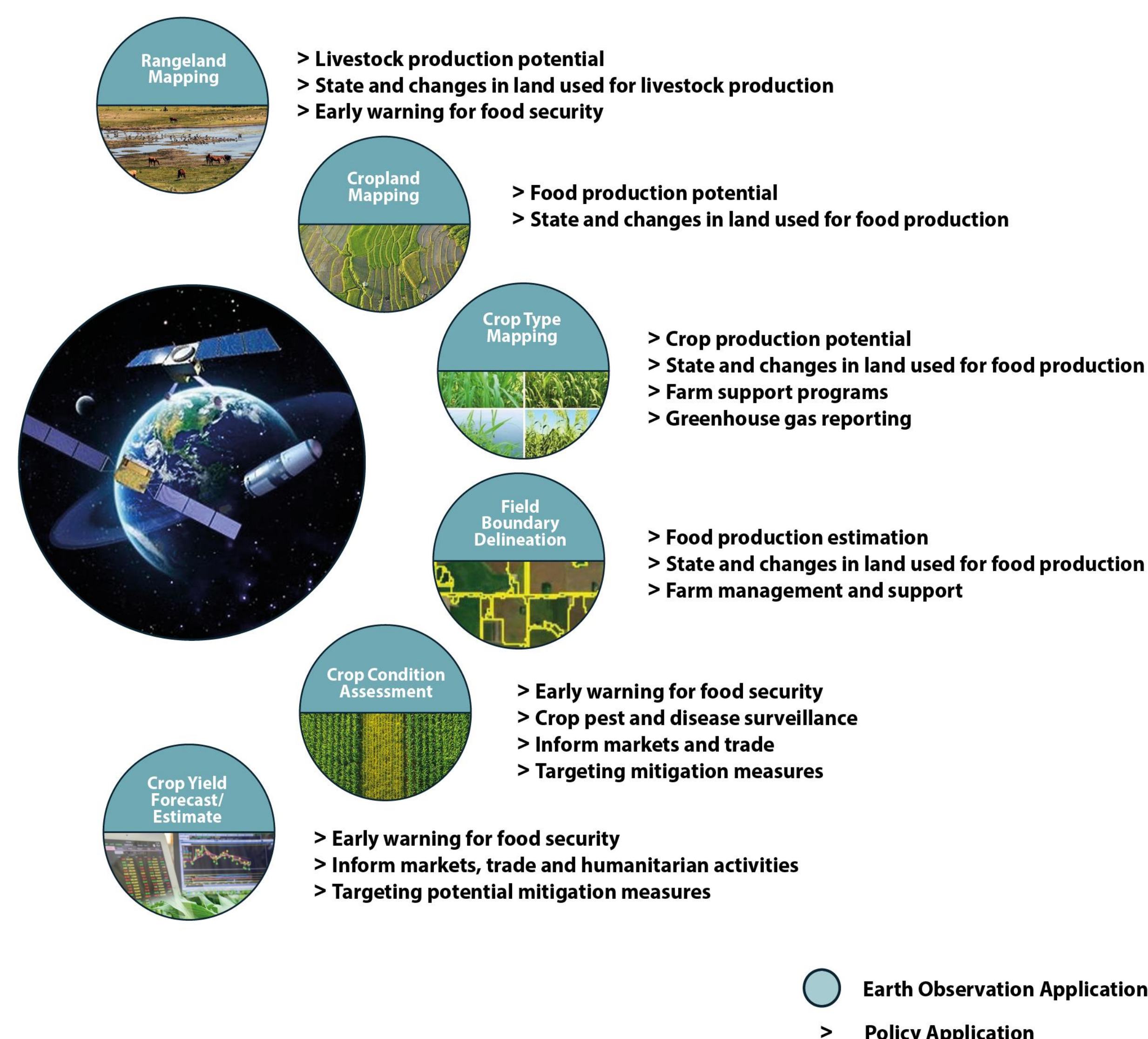
*“The focus on agriculture and crop monitors is particularly timely given the importance of food systems in NAPs, and the potential that this offers in meeting the Secretary General’s call for access to early warning systems by all by 2025.*

*The technical details in this supplement will be useful to the countries as they envision implementation of their NAPs including through relevant programmes under the Green Climate Fund, and other channels, related to food systems and climate information and early warning systems”*

### New 2022 GEO Supplement to the UNFCCC NAP Technical Guidelines provides practical approaches to drive the implementation of NAPs based on the work of the GEO Global Agricultural Monitoring (GEOGLAM) initiative



### Earth Observations support agriculture adaptation with timely and accurate information for food security programs and policies



### Key steps needed to establish a National Agriculture Monitoring System based on Earth Observations:

1. Establish the institutional framework
2. Establish the technical framework
3. Accessing capacity (co-)development
4. Accessing financial support

Countries can access GEOGLAM for technical assistance and capacity development Contact:  
[geoglam@geosec.org](mailto:geoglam@geosec.org)

