

# Evidence-based reporting and implementation



## GLOBAL POLICY

**Accurate and timely reporting with Earth observation data.**  
Climate action under UNFCCC.  
DRR under Sendai Framework.  
Land degradation neutrality under UNCCD.  
Ecosystems extent indicators and NbS under CBD.  
And other MEAs.



## NATIONAL IMPLEMENTATION

**Project implementation with augmented capabilities from Earth observation solutions.**  
Crop monitoring for adaptation, flood early warning systems, assessing impact of wildfires, monitoring coastal areas and ocean health, etc.



## CAPACITY DEVELOPMENT

**Technical guidance to integrate Earth observation data and solutions into National Adaptation Plans (NAPs) across sectors.**

<p>LEAST DEVELOPED COUNTRIES</p> <p>NATIONAL ADAPTATION PLANS Technical guidelines for the national adaptation plan process</p> <p>LDC EXPERT GROUP, DECEMBER 2012</p> 	
<p><b>Laying the Groundwork and addressing gaps</b></p>	<p>A.1. Initiating the NAP process</p> <p>A.2.: Stocktaking</p> <p>A.3.: Addressing Capacity Gaps</p> <p>A.4.: Development Needs and Climate Vulnerabilities</p>
<p><b>Preparatory elements</b></p>	<p>B.1. Analysing Current &amp; Future Climate</p> <p>B.2. Assessing Climate Vulnerabilities and Adaptation Options</p> <p>B.3. Review and Appraisal of Options</p> <p>B.4. Compiling, Communicating NAPs</p> <p>B.5 Integrating NAP into Development Planning</p>
<p><b>Implementation strategies</b></p>	<p>C.1. Prioritizing CCA in National Planning</p> <p>C.2. Long-term Implementation Strategy</p> <p>C.3. Enhancing Capacity for Planning, Implementation</p> <p>C.4. Promoting Coordination and Synergy</p>
<p><b>Reporting, Monitoring, Review</b></p>	<p>D.1. Monitoring the NAP Process</p> <p>D.2. Assess Progress, Effectiveness, Gaps</p> <p>D.3. Iteratively Update NAPs</p> <p>D.4. Outreach and Reporting on Progress</p>

## GEO Supplement to integrate Earth observations into NAPs - Agriculture and Food security



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

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