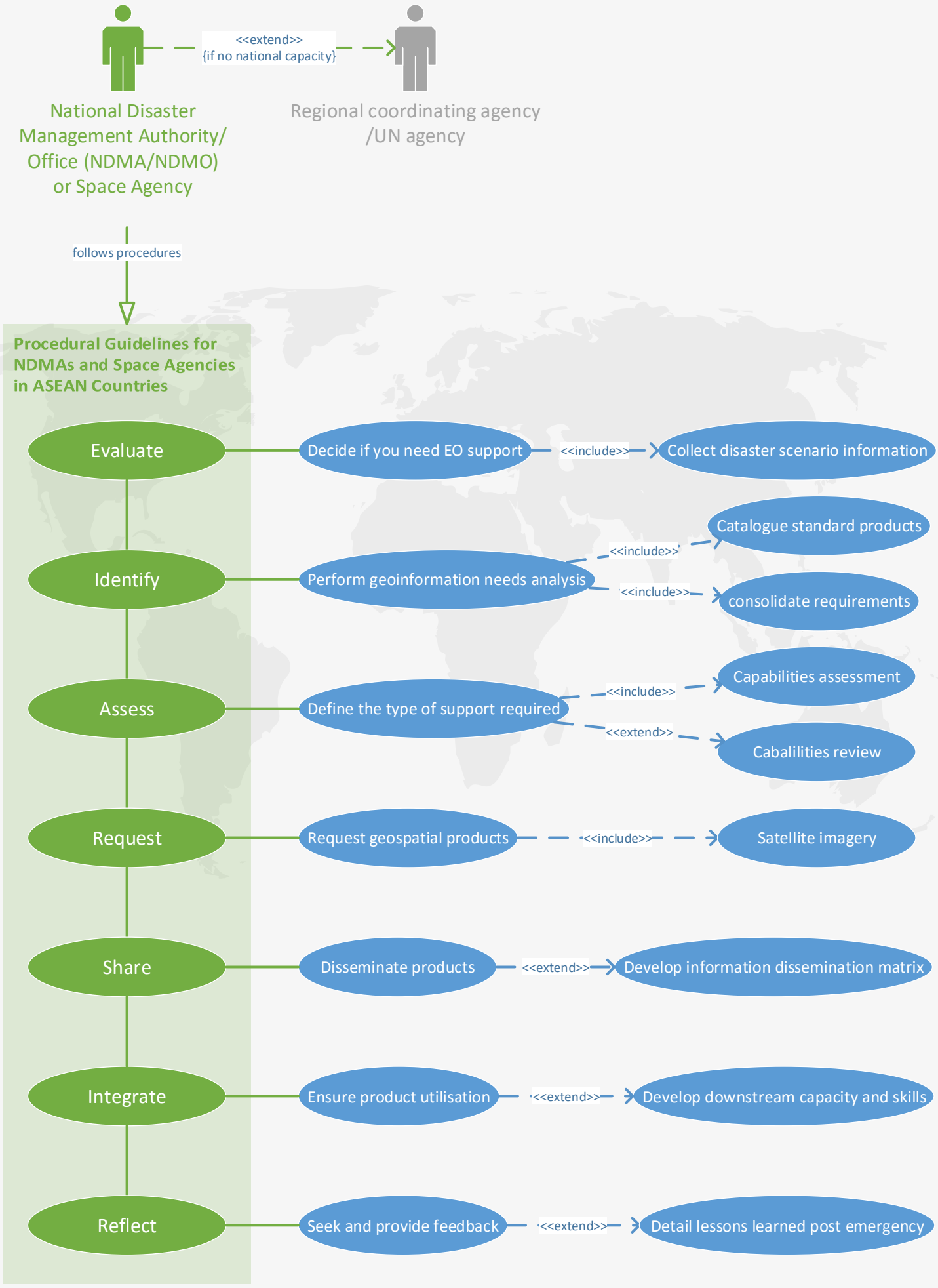
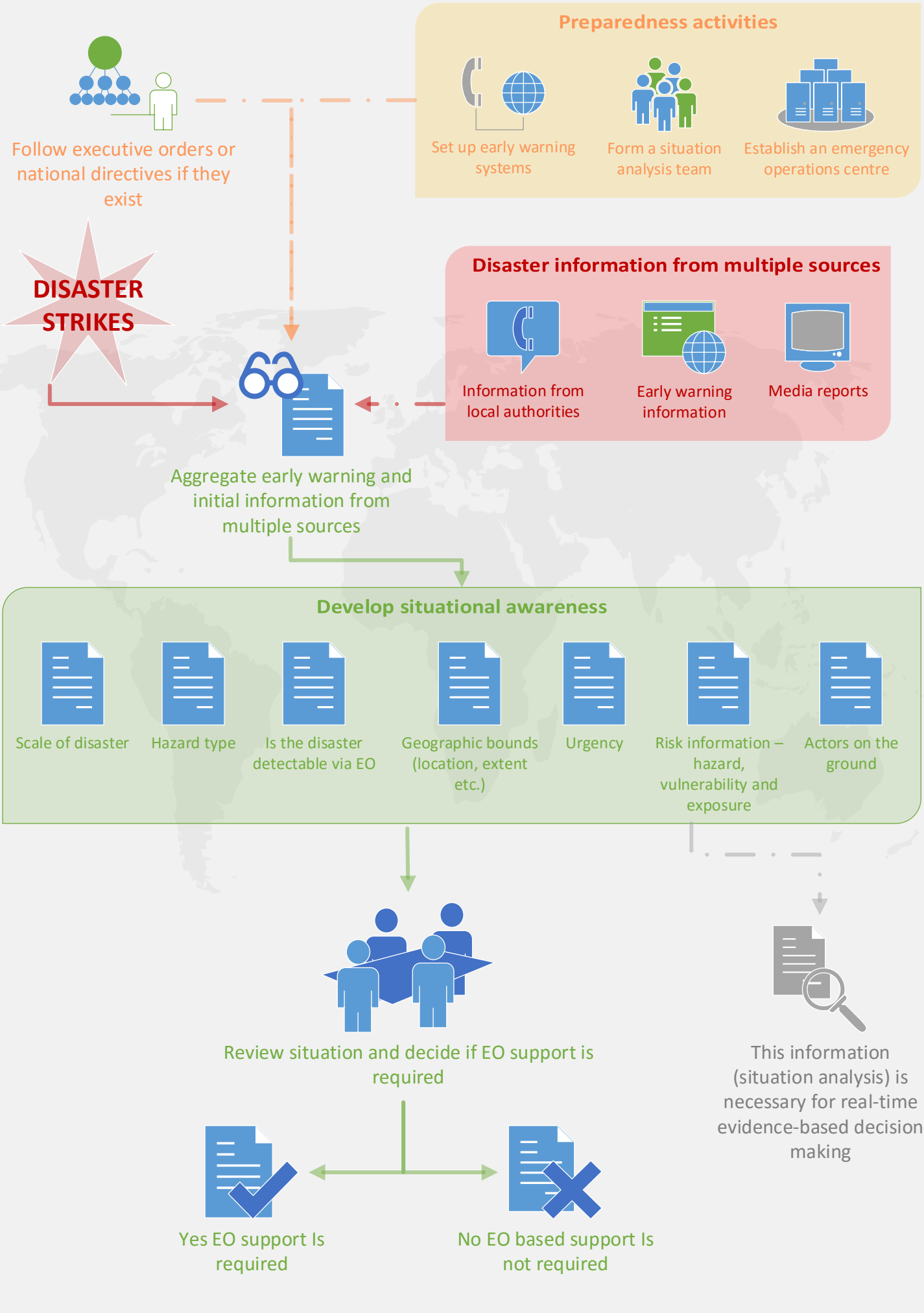
**Procedural Guidelines for NDMAs and Space Agencies in ASEAN Countries:** for sharing space-based information during emergency response

# 7 Step - Quick Guide

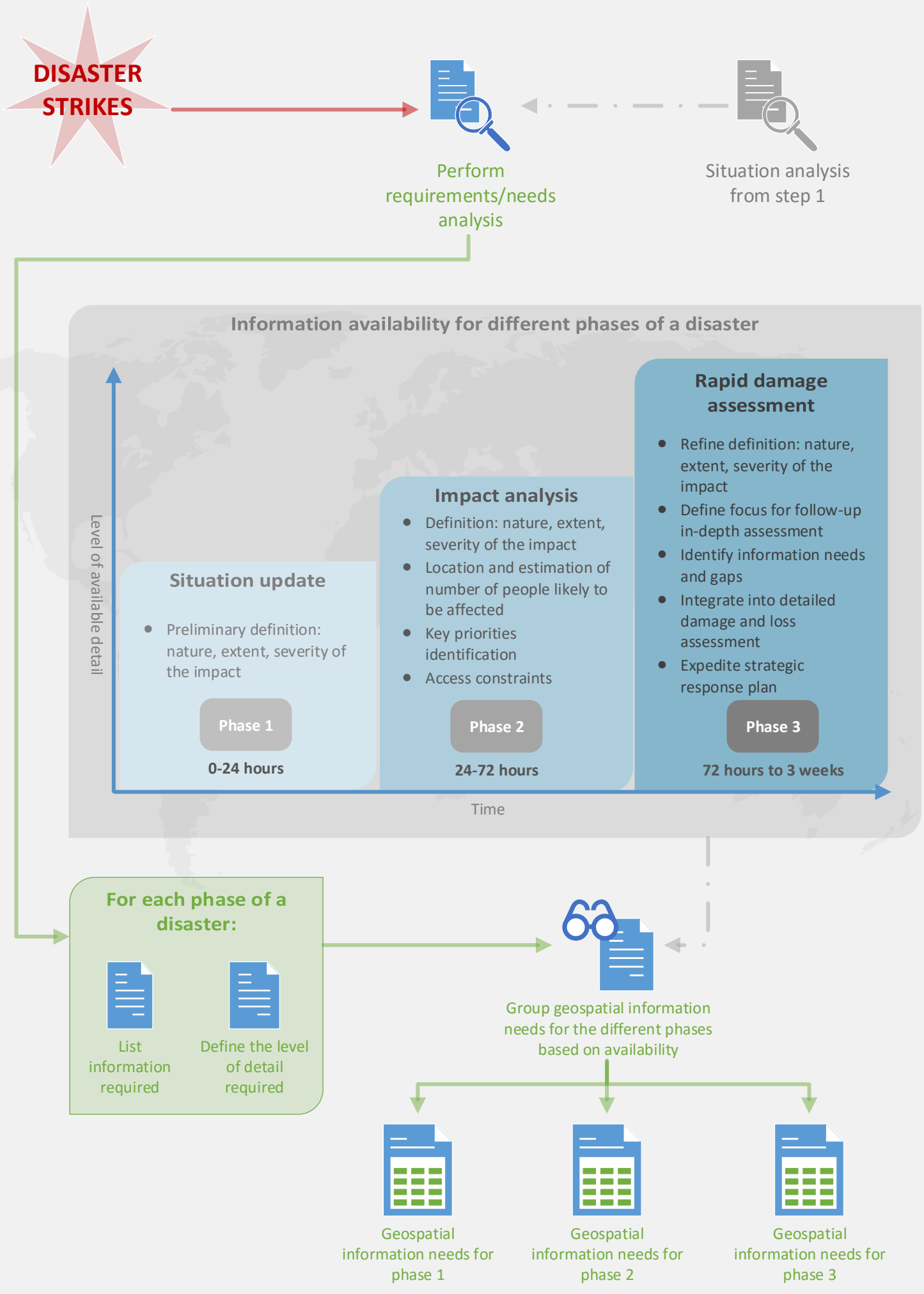
# Use Case Diagram: showing actors and interactions for sharing space-based information during emergency response



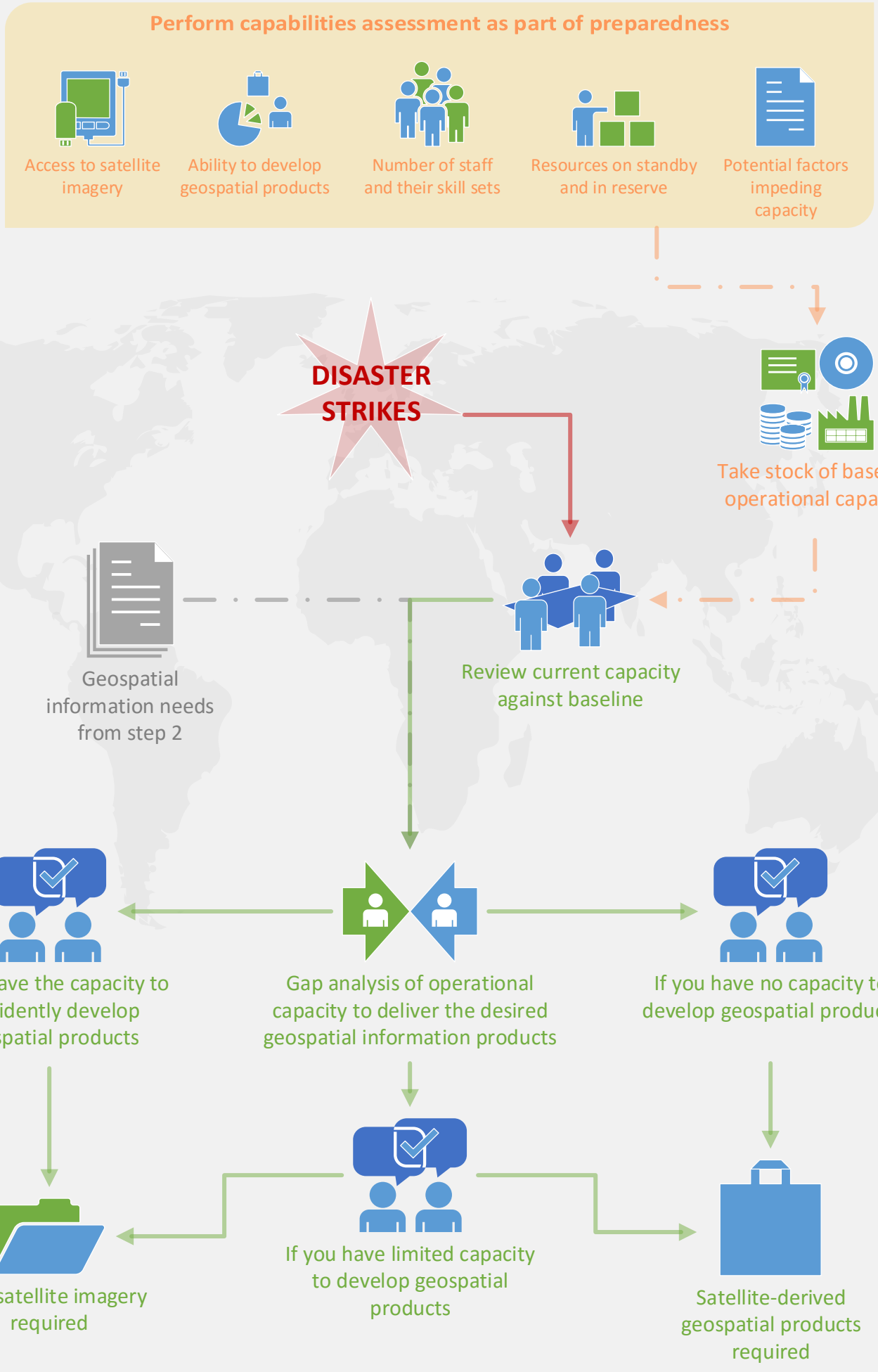
# STEP 1: EVALUATE – Decide if you need EO support



# STEP 2: IDENTIFY – Identification of geospatial information needs



# STEP 3: ASSESS – Assess your operational capabilities



# STEP 4: REQUEST – Make your request

Capacity shortfalls identified from step 3

## Preparedness activities

- Set-up necessary infrastructure to receive satellite data
- Register with the relevant international, regional and national mechanisms and initiatives
- Create bi-lateral agreements with countries that have space technology infrastructure
- Create bi-lateral agreements with commercial satellite imagery vendors

**DISASTER STRIKES**

Maintain a repository of geospatial service and satellite data providers

Situation analysis from step 1

Geospatial information needs from step 2

Requirements from step 3

Decide on what to request and from whom depending on your requirements as determined in steps 1,2 and 3 and your list of identified resources

Make a request for raw satellite imagery

Make a request for satellite-derived geospatial products

**Commonly used mechanisms and initiatives for obtaining raw satellite imagery or satellite-derived geospatial products**

- International Charter on Space and Major Disasters
- Sentinel Asia
- ESCAP-RESAP
- UNITAR-UNOSAT
- UN-SPIDER
- National Space Agencies
- Others

# STEP 5: SHARE – Disseminate to relevant authorities

## Establish dissemination strategy for regular reporting as part of preparedness

### Perform stakeholder analysis

Identify all information stakeholders

Organise them into groups based on interest and influence

### Map products to stakeholder information needs

List standard/ common products

Assign appropriate products to each stakeholder group

Merge with your agency's existing communications plan

### Define geospatial information delivery modalities for stakeholder groups

Identify all communication platforms including social media

Agree on the format and frequency of geospatial products i.e. maps

Share standard products via their relevant platform

DISASTER STRIKES

Produce dissemination strategy

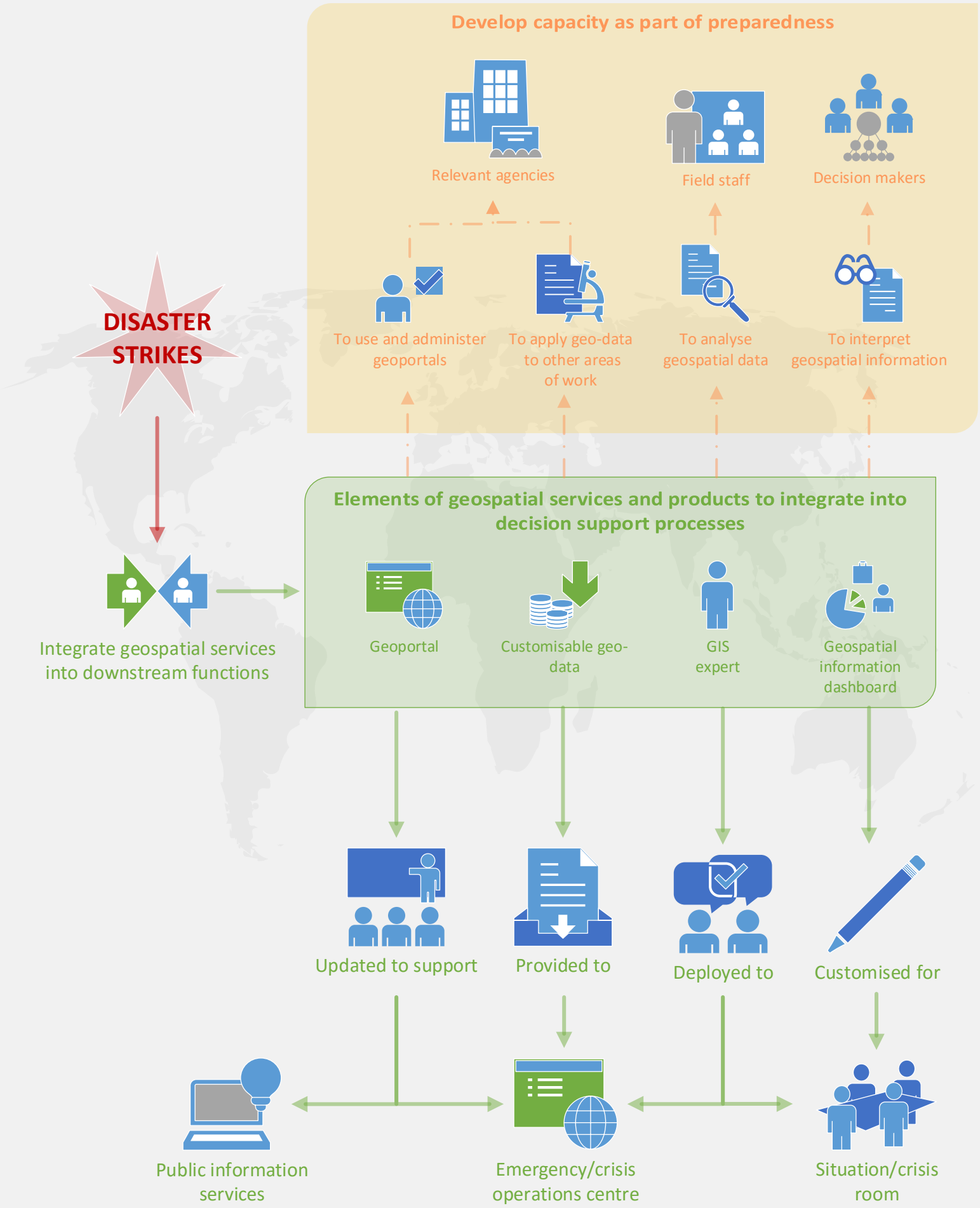
Geospatial products from step 4

Review information dissemination strategy and identify ad-hoc reporting

Issue information products as required

Integrate products into regular reporting

# STEP 6: INTEGRATE – Utilisation of geospatial services and products for decision support



# STEP 7: REFLECT – Provide feedback

