



## Planetary Eye

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Using space to empower governments and companies to act ethically for a better world

# Challenge

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- A need to reduce the consumption of resource and limit global climate change.
- A sustainable world requires objective data
- Geospatial datasets represent valuable insights; however, access and analysis of data is difficult.
- An initiative is needed to drive global, national and local sustainable leadership.





# Why are we Proposing this now?

- The sustainability agenda has shifted from only public sector to one that also embraced by industry
- The need for geospatial information has never been greater
- There has been a cloud and analytics revolution
- There is a real opportunity for an impactful space and sustainability Programme

## What are we Proposing

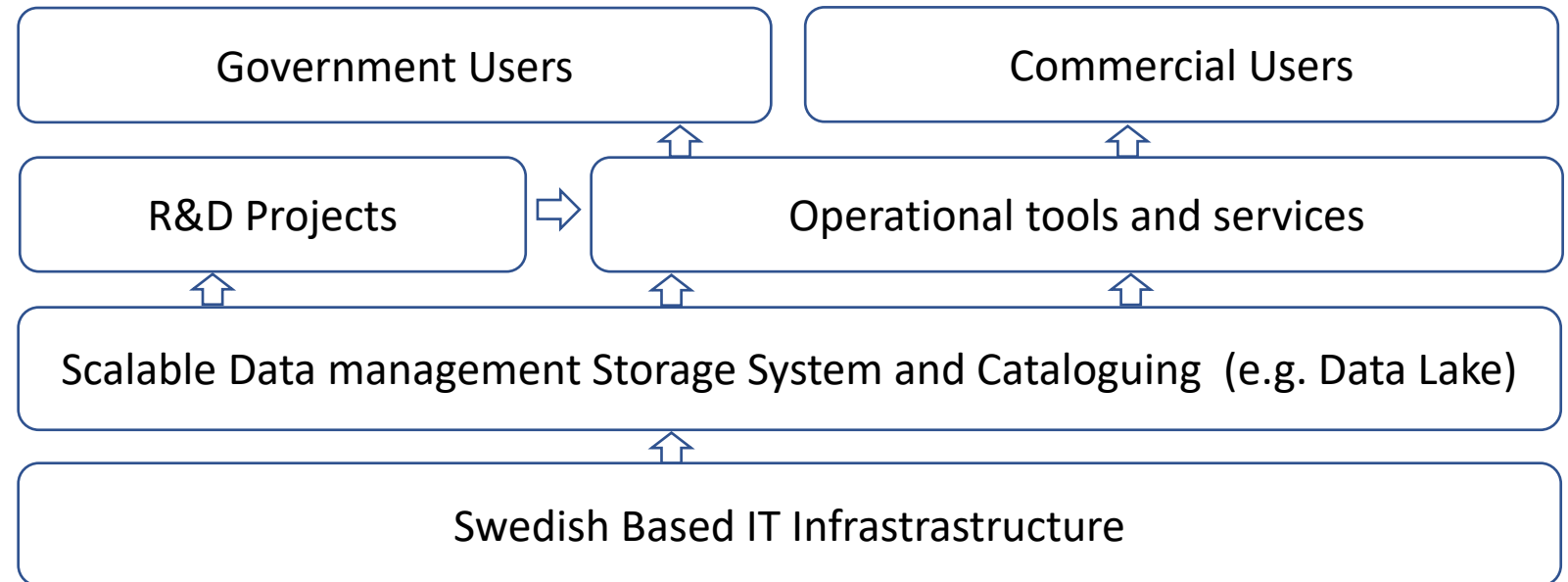
- To establish a Programme which will create world-class Swedish national capability:

**A scalable geospatial data management and an advance exploitation toolset which can derive sustainability insights for both government and industry**

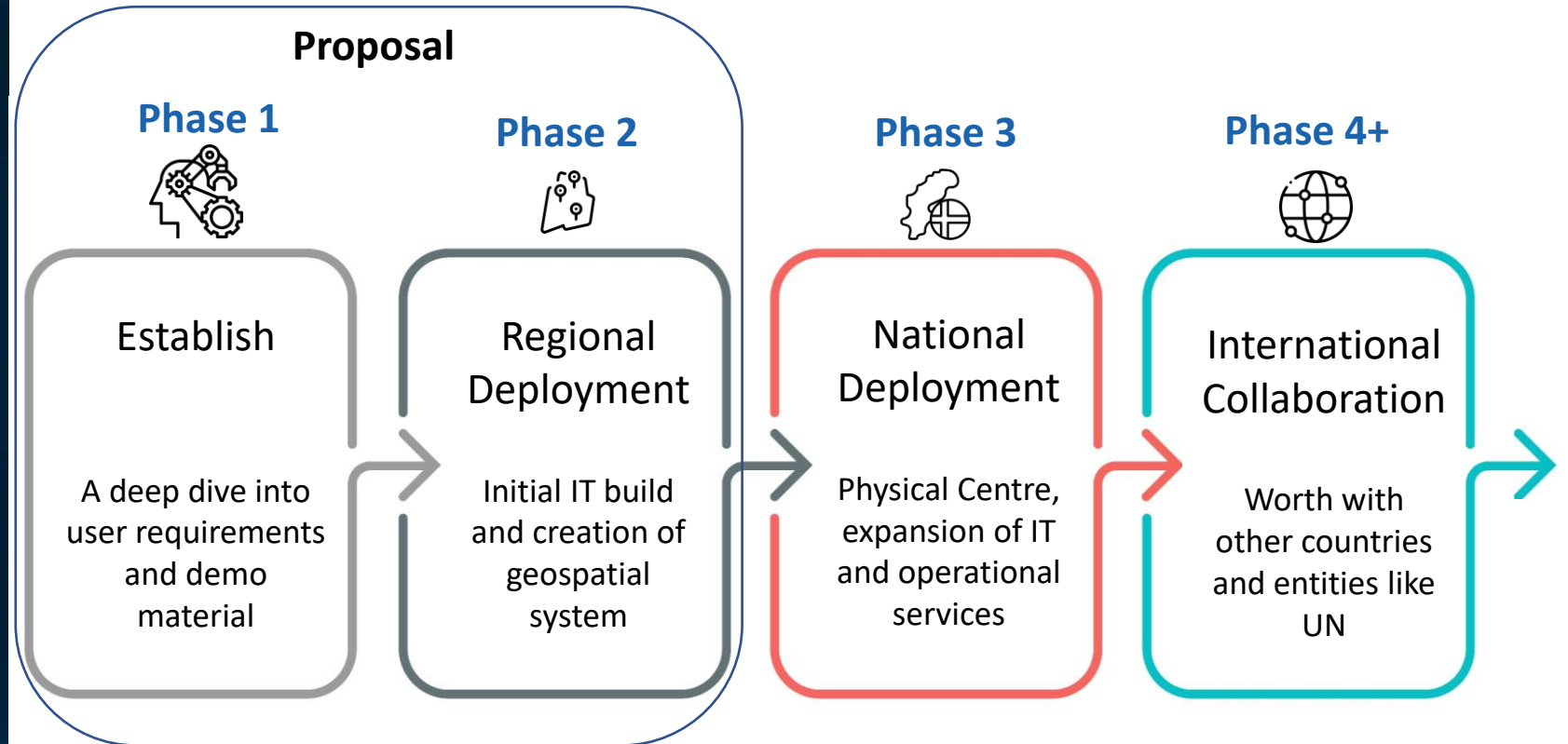
1. Addressing real world needs
2. Capitalising upon existing national capabilities
3. Creating both operational services and R&D opportunities
4. An initial focus on regional and national deployment

## Practical Implementation

- An opportunity to build a low energy data center
- Bringing in satellite and geospatial datasets
- Build a world class R&D Programme, as well as delivering operational services



# Timeline of Implementation



## Phase 1 (12 months)

- Full concept refinement driven by user engagement
- Creation of demonstration materials to drive interest and engagement

## Phase 2 (12-18 months)

- Creation of the initial IT Infrastructure and system development
- Creation of IT Programme and first 2 operational services

# Impact and Benefits



- **Economic Impact**
  - Job Creation in Sweden
  - Business Growth
  - Export Opportunities
- **Global Leadership** (soft power)
  - Greater Influence on large international programmes/issues inc. EU ESA, UN, Development Banks etc – maximizing benefits from past/current investments
  - Furthering the promotion of Sweden’s sustainability credentials
  - Increase in Scientific Credibility
- **Regional/National utility**
  - Greater insights for Swedish decision makers on sustainable transition
  - Reduced complexity for geospatial technology exploitation
  - Broadening access to geospatial information to other industries
  - Building capability and capacity in all regions of Sweden
- **Skills**
  - Opportunity for an intern programme to support R&D efforts – technical, commercial and sustainability applicability
  - Richer pool of resources for educational needs, including linking to career transition schemes

## Deliverable End

Any questions please do reach out:

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