

REPORT PRESENTATION

VALUE OF GEOSPATIAL TECHNOLOGY IN BOOSTING OMAN'S ECONOMY

Kuhelee Chandel

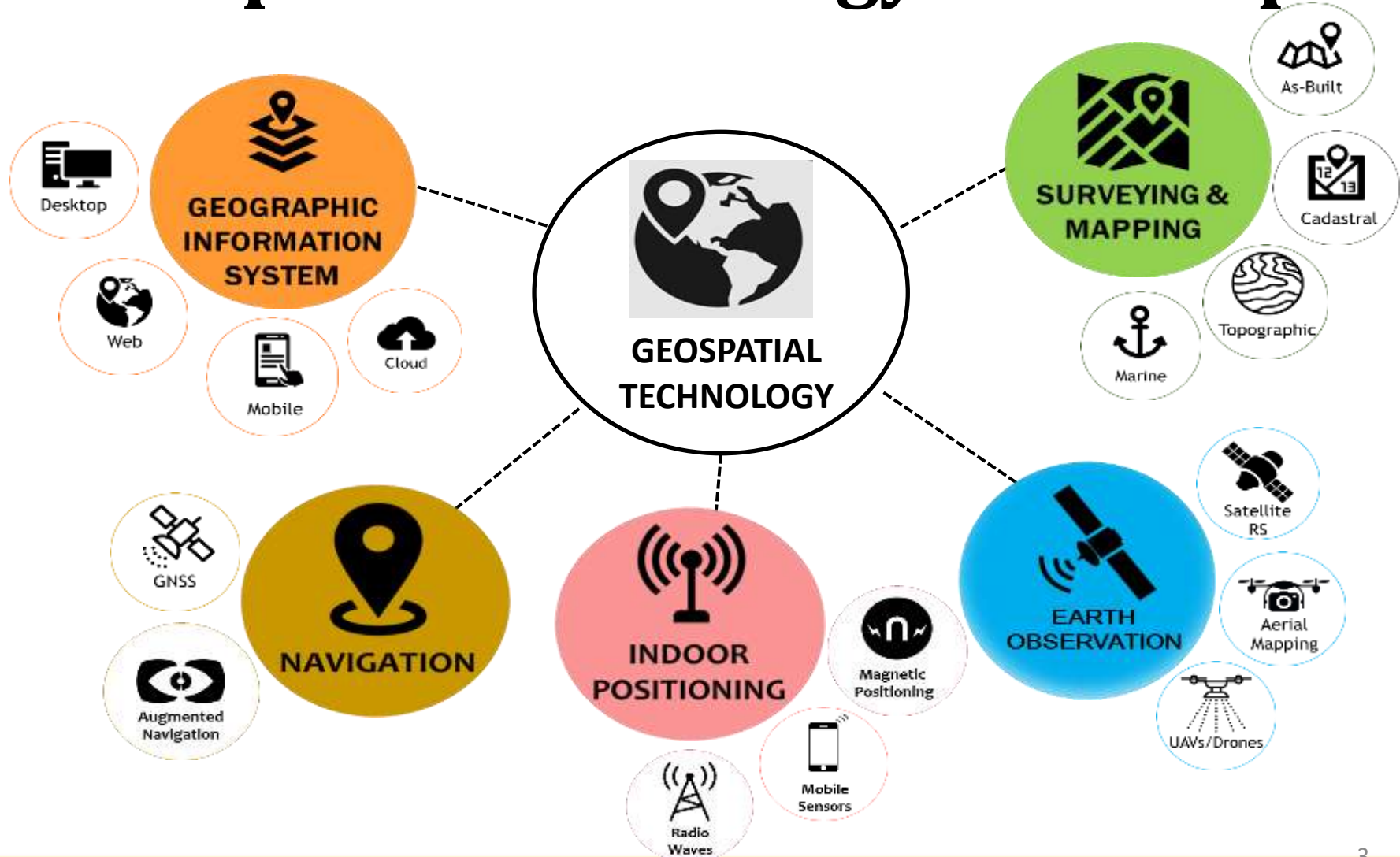
Senior Research Analyst

Geospatial Media and communications

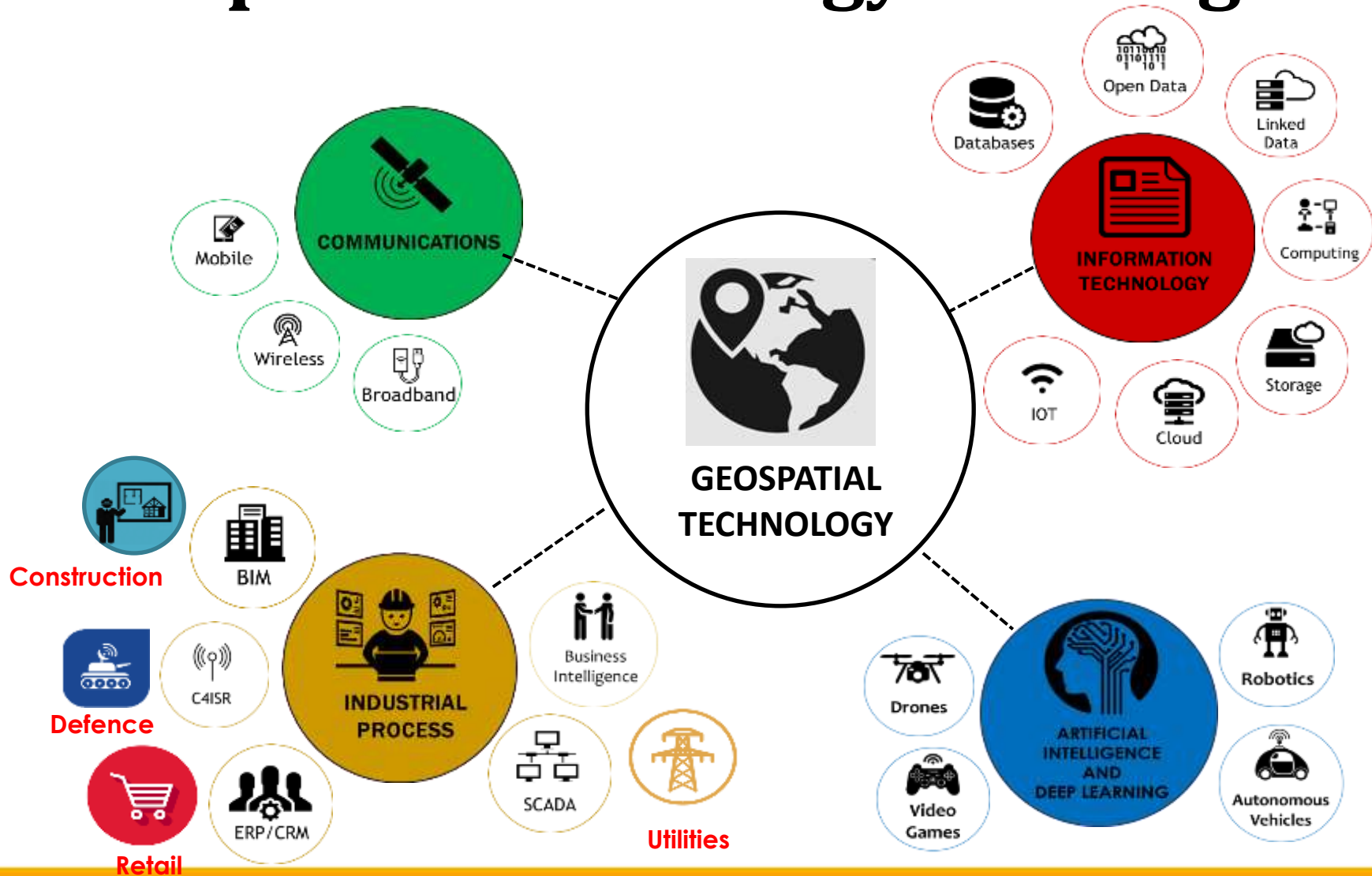
OUTLINE

- ❑ Introduction : Geospatial Technology
- ❑ Research Report 2017
- ❑ Geospatial Technology & Oman: Transformative Scenarios
- ❑ The Way Forward

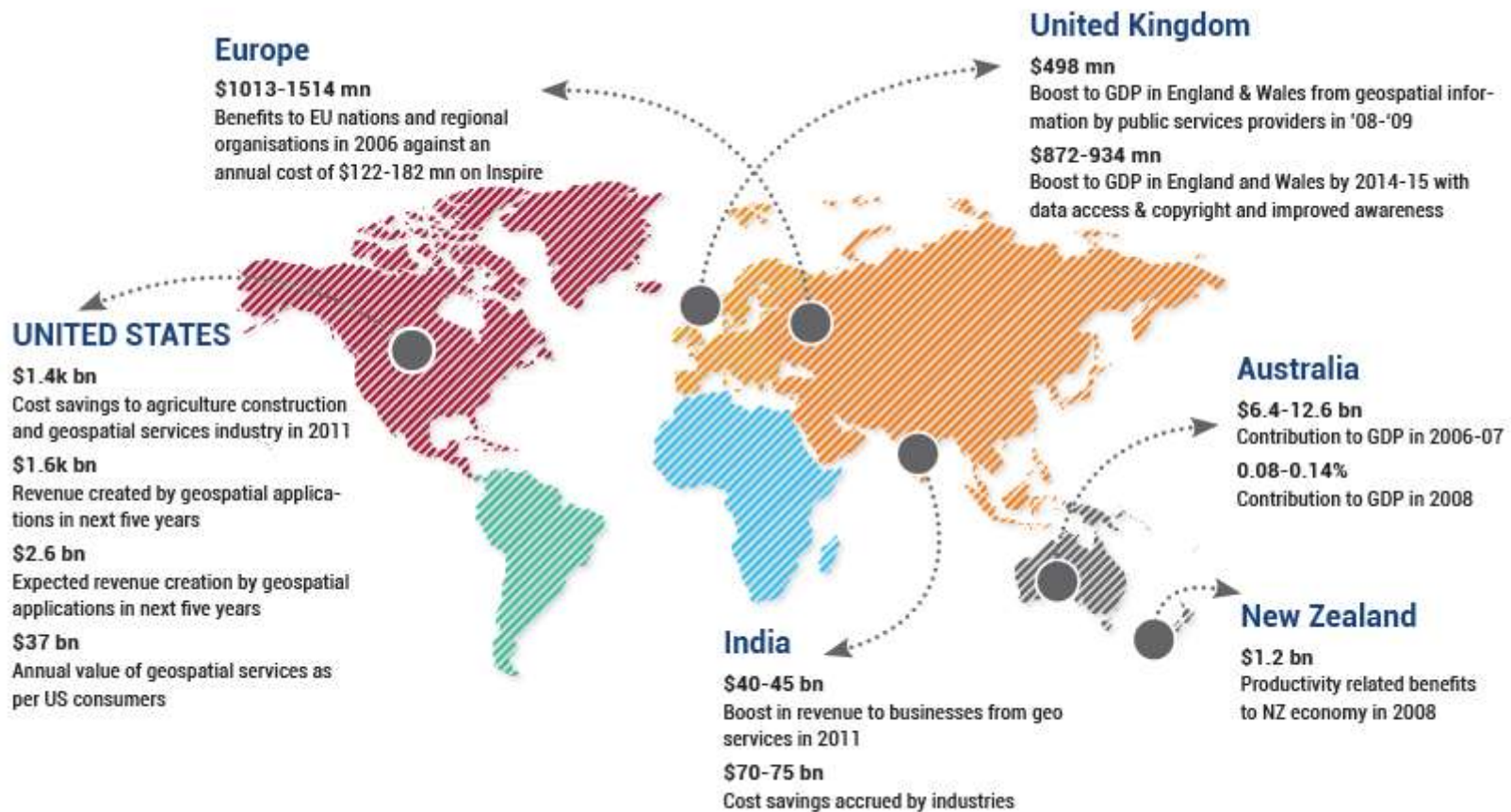
Geospatial Technology Landscape



Geospatial Technology Convergence



Impact Value of Geospatial Technology – Global Scenario





**NATIONAL SURVEY AUTHORITY
MINISTRY OF DEFENCE**
SULTANATE OF OMAN

**VALUE OF
GEOSPATIAL
TECHNOLOGY IN
BOOSTING OMAN'S
ECONOMY**

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GEOSPATIAL
media + communications

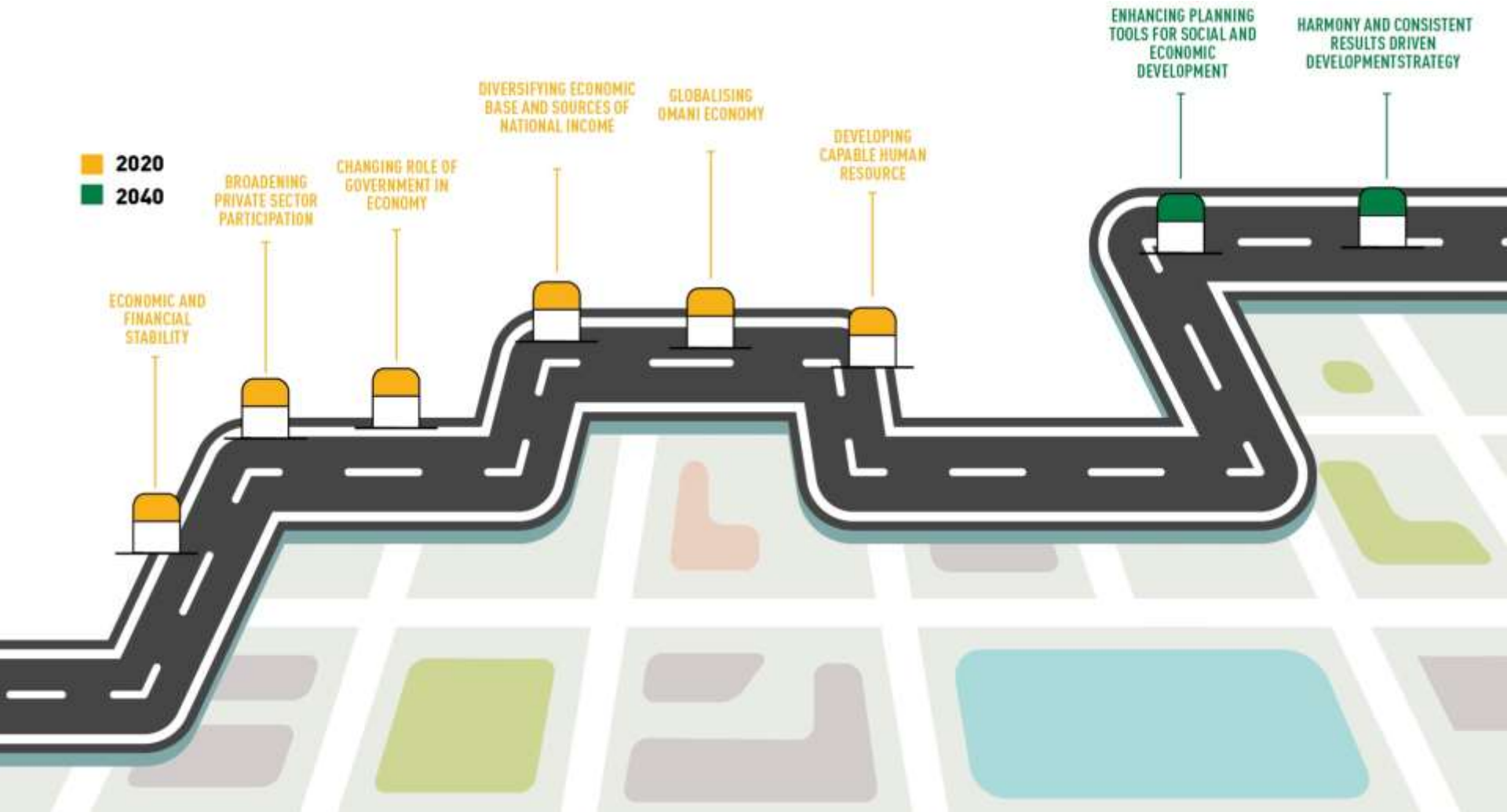
www.nsaomn.org.om

Taking forward NSA's vision:

“Oman can benefit by advancing its capacities of production and adoption of geospatial information, thereby, further boosting socio-economic growth.”

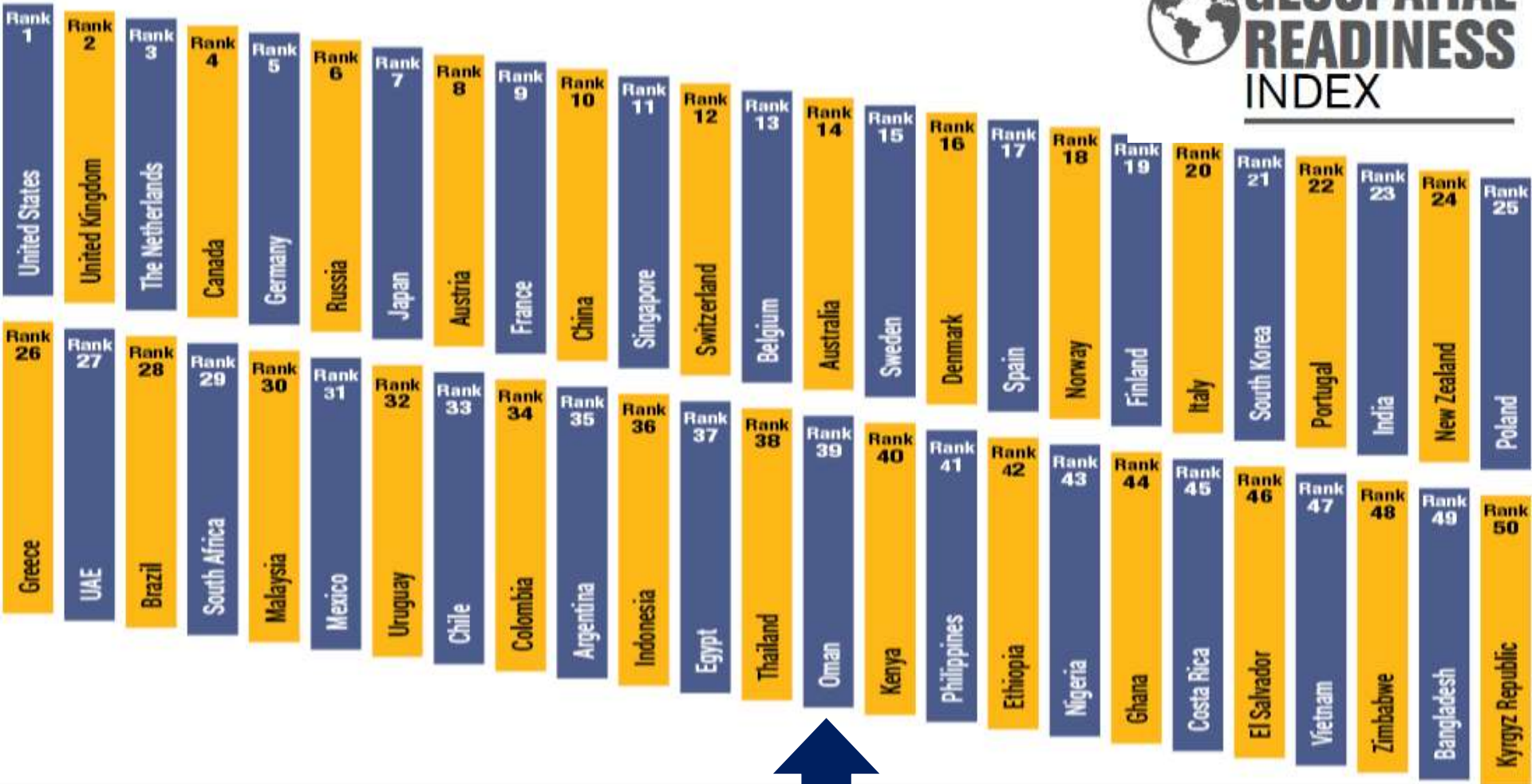
Objectives of the Study

- To define a common unified national vision and establish a mutual framework for efficient use of geospatial technology.
- Highlight the incremental value of geo-information in the economic development of the Sultanate.
- Enable the stakeholders to understand, review and chart the future course of action through use of geospatial technologies.
- Intends to support the Sultanate to better integrate modern technologies to provide cost effective services to citizens and society.



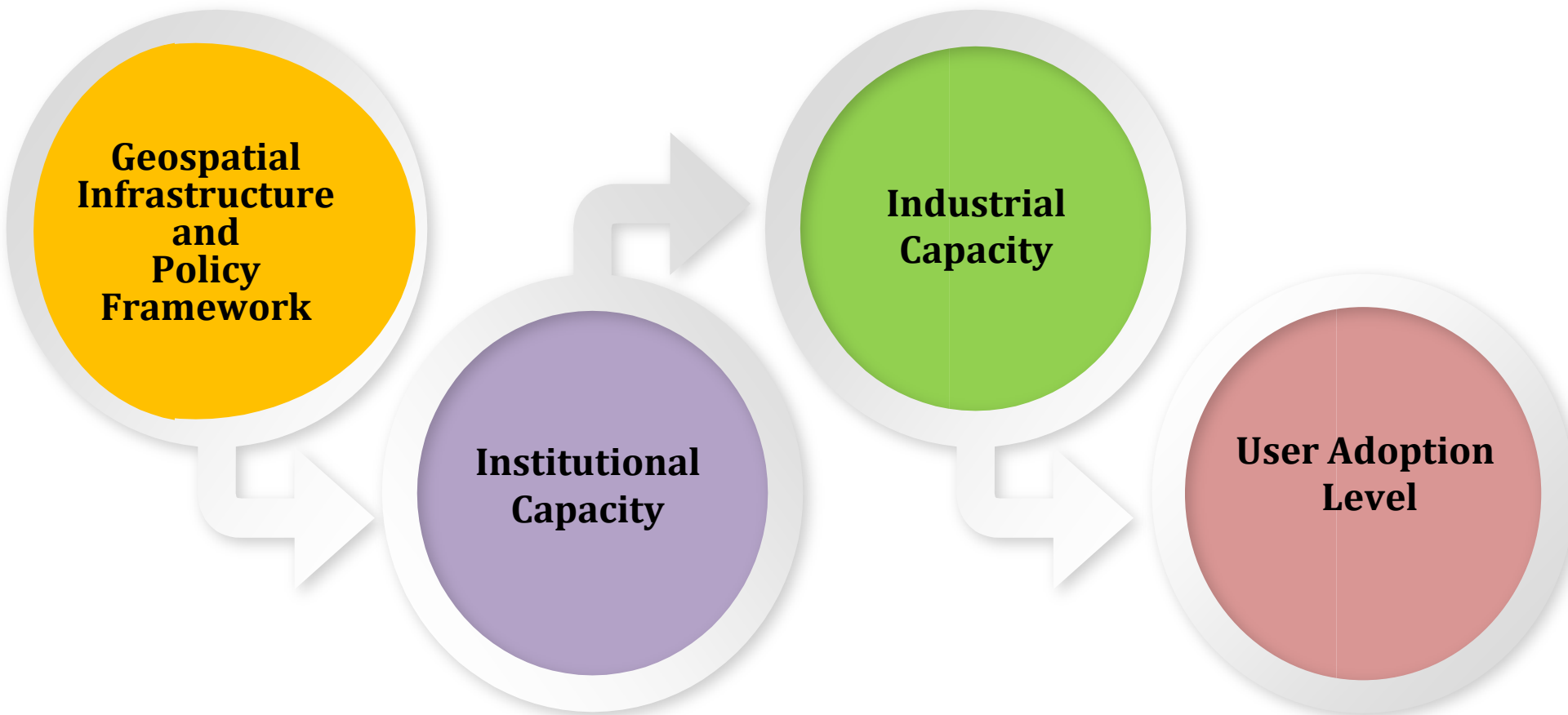
Oman on the path of Economic Diversification

COUNTRIES GEOSPATIAL READINESS INDEX



Geospatial Technology and Oman

- *Transformative Scenarios*



Current Scenario

- **NSA** as the national mapping agency has made tremendous efforts in creation, harmonization, management and dissemination of quality geospatial information.
- **Establishment of the ONSDI by NCSI** is an extremely important milestone and has a major share in commoditization of geospatial information.
- **NCSI** has been doing an exemplary job of supervising and coordinating with other government entities for this.

The Way Forward

- **Establishment of agreed standards** for data collection and data sharing in order to enable quality, interoperability and multiuse.
- **Public sector data** needs to be better integrated and more citizen focused in terms of service delivery.
- Geospatial information needed by government needs to be made **readily available** and its use should not be unduly restricted.

The Way Forward

- There is a strong **need to develop well established institutions** to nurture pools of skilled manpower.
- **Need to generate an awareness** amongst the youth regarding employment opportunities in the geospatial technology sector.
- **Encouragement towards entrepreneurship** in the geospatial domain.

The Way Forward

- **Awareness** needs to be generated amongst the user community regarding emerging technology and applications and their potential value to the economy.
- This will in turn **encourage the private industry** to offer more innovative products and solutions.
- The government needs to focus on **establishing enabling policies** and allocating concrete budgets towards encouraging public private partnerships.

The Way Forward

- Develop and Promote a **National Geospatial Policy**
 - Describe common goals
 - Define roles and responsibilities
 - Outline a national geospatial strategy and policy objectives of the Sultanate.

How can you make a difference?

"Make clarity, transparency and simplicity a national priority."

-Thank You