

SIDE EVENT

**TRANSITIONING FROM GEOSPATIAL DATA TO
GEOSPATIAL KNOWLEDGE FOR ENHANCED NATIONAL
DEVELOPMENT – THE GEOSPATIAL KNOWLEDGE
INFRASTRUCTURE (GKI)**

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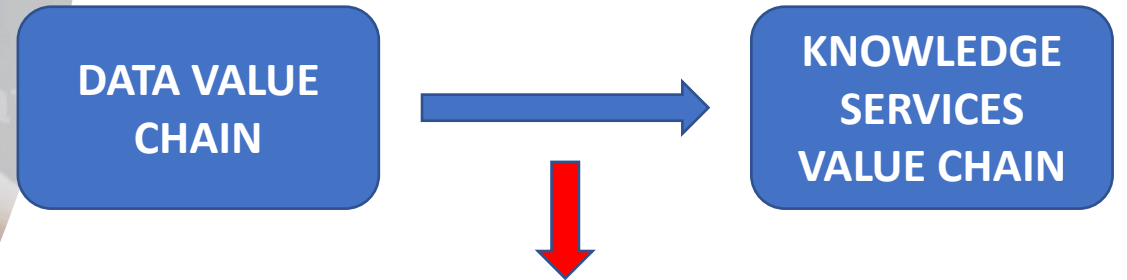
KNOWLEDGE

ANALYTICS

DATA



JOURNEY FROM DATA TO KNOWLEDGE



ENHANCED NATIONAL DEVELOPMENT

**GEOSPATIAL
KNOWLEDGE AT THE
HEART OF
TOMORROW'S
SUSTAINABLE
DIGITAL SOCIETY**

PROJECT THE VALUE PROPOSITION OF GEOSPATIAL KNOWLEDGE

**FORECAST ITS RELEVANCE AND CONNECTIVITY WITH NEXT
GENERATION ECONOMY AND SOCIETY**

REDEFINE THE ROLE OF STAKEHOLDERS

**CONNECT GEOSPATIAL KNOWLEDGE WITH GLOBAL
DEVELOPMENT AGENDA**

PROJECT

ADVANCING THE ROLE OF GEOSPATIAL KNOWLEDGE INFRASTRUCTURE (GKI) IN WORLD ECONOMY, SOCIETY AND ENVIRONMENT

- PROJECT THE VALUE
- ENHANCE ADOPTION
- EVOLVE UNDERSTANDING

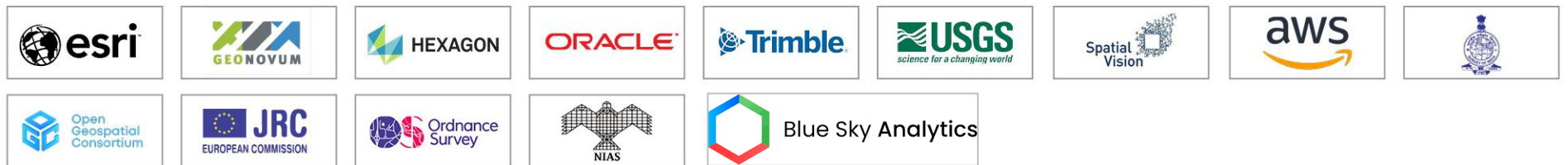
Social, economic and environmental development in digital age

Partners

Phase 1



Phase 2



Jointly Organized by

GEOSPATIAL WORLD
ADVANCING KNOWLEDGE FOR SUSTAINABILITY



KNOWLEDGE

CS



Geospatial Knowledge

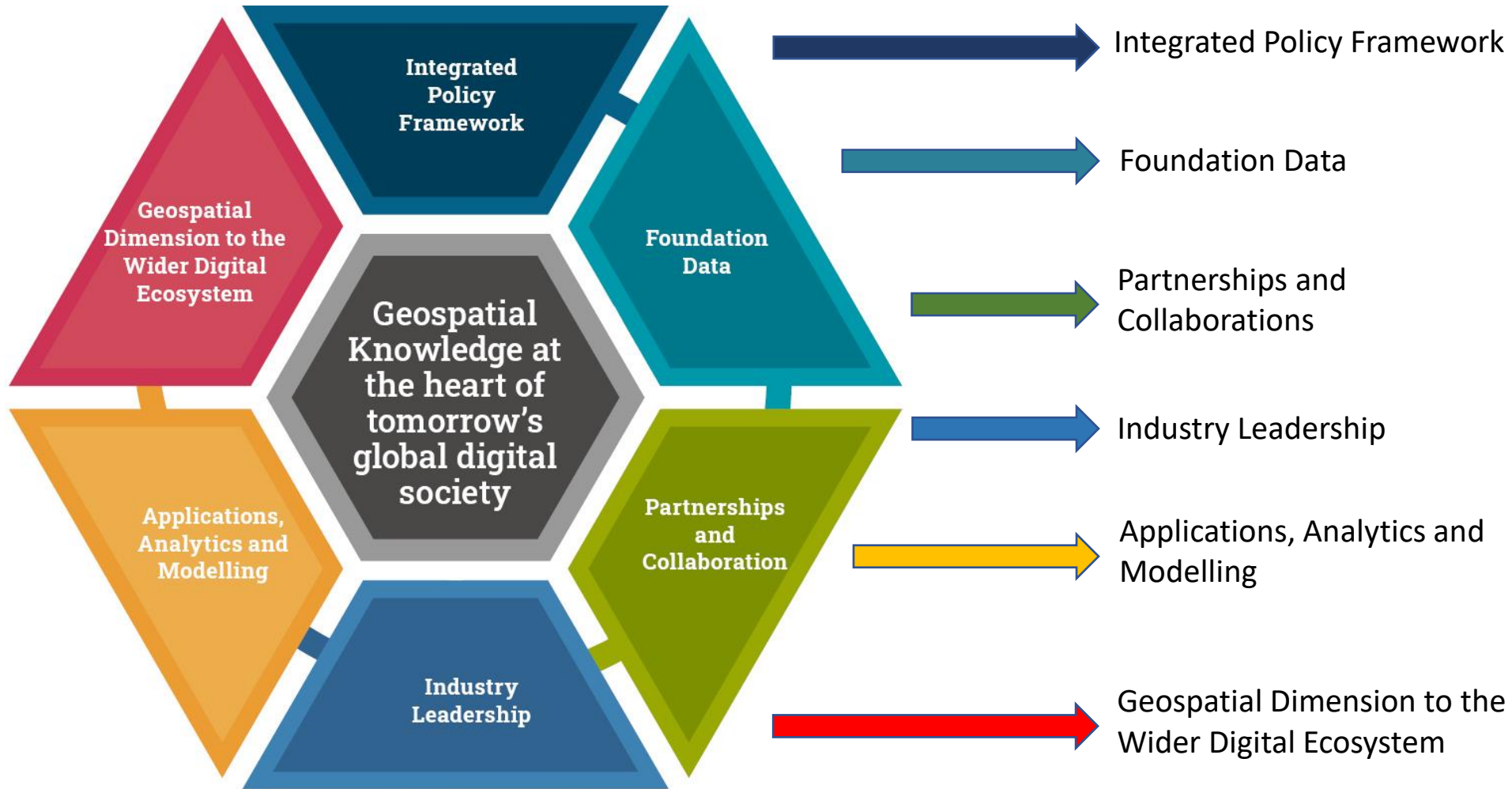
Infrastructure provides a blueprint to integrate digital economies, societies and citizens with geospatial approaches, data and technologies and in so doing deliver the location-based knowledge, services and automation expected in the 4IR age.



Defined

Geospatial Knowledge Infrastructure (GKI)

Elements & Principles of GKI

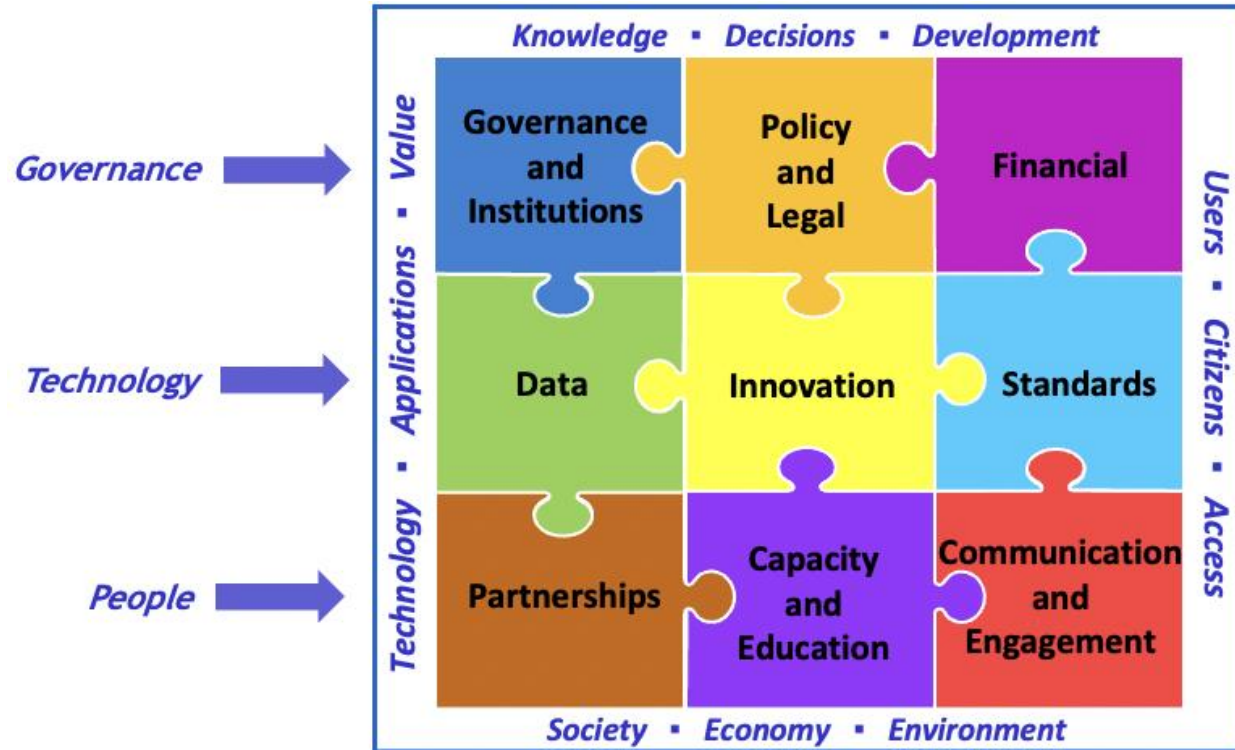


Principles of GKI

- **Predictive**
- **Decentralised**
- **Agility**
- **Achievable actions**
- **Led by users**
- **Wider digital infrastructures**
- **Knowledge focus**

IGIF and GKI

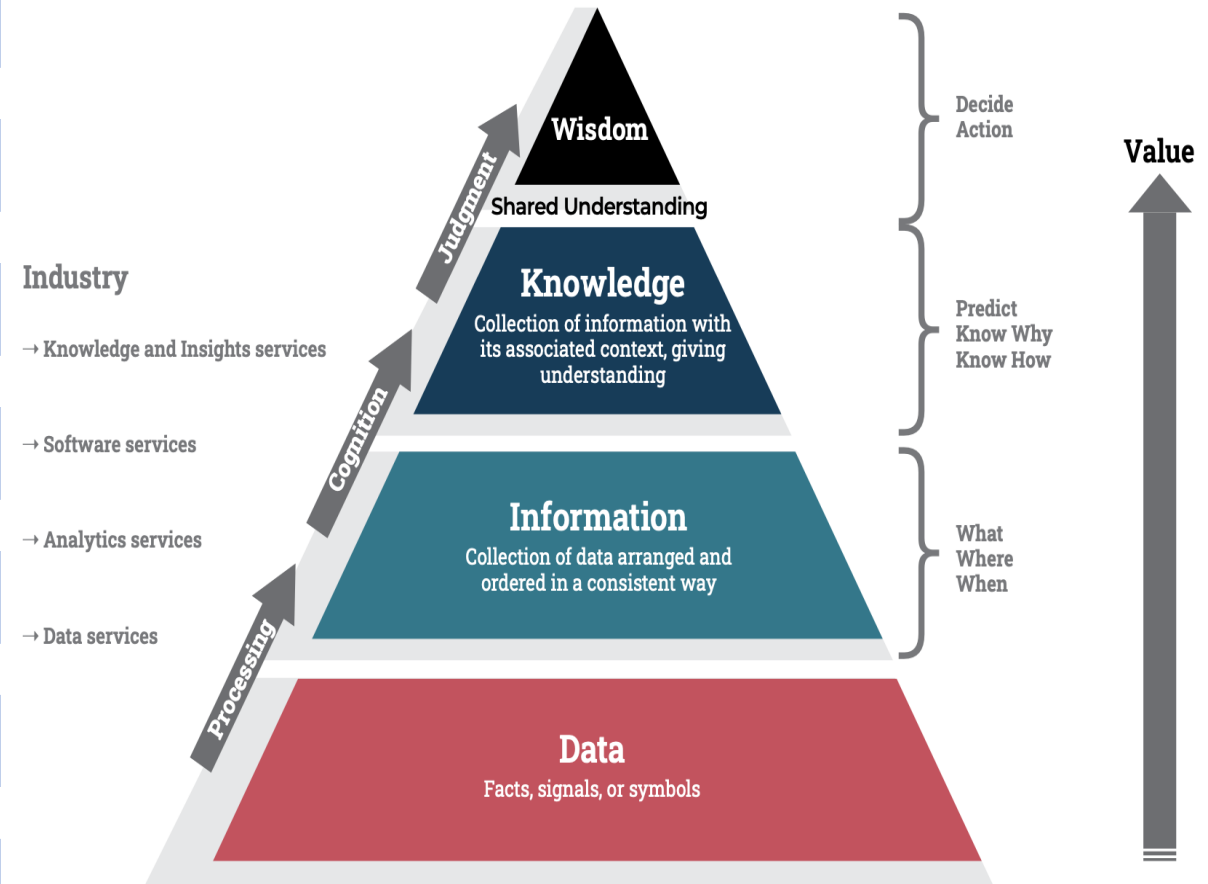
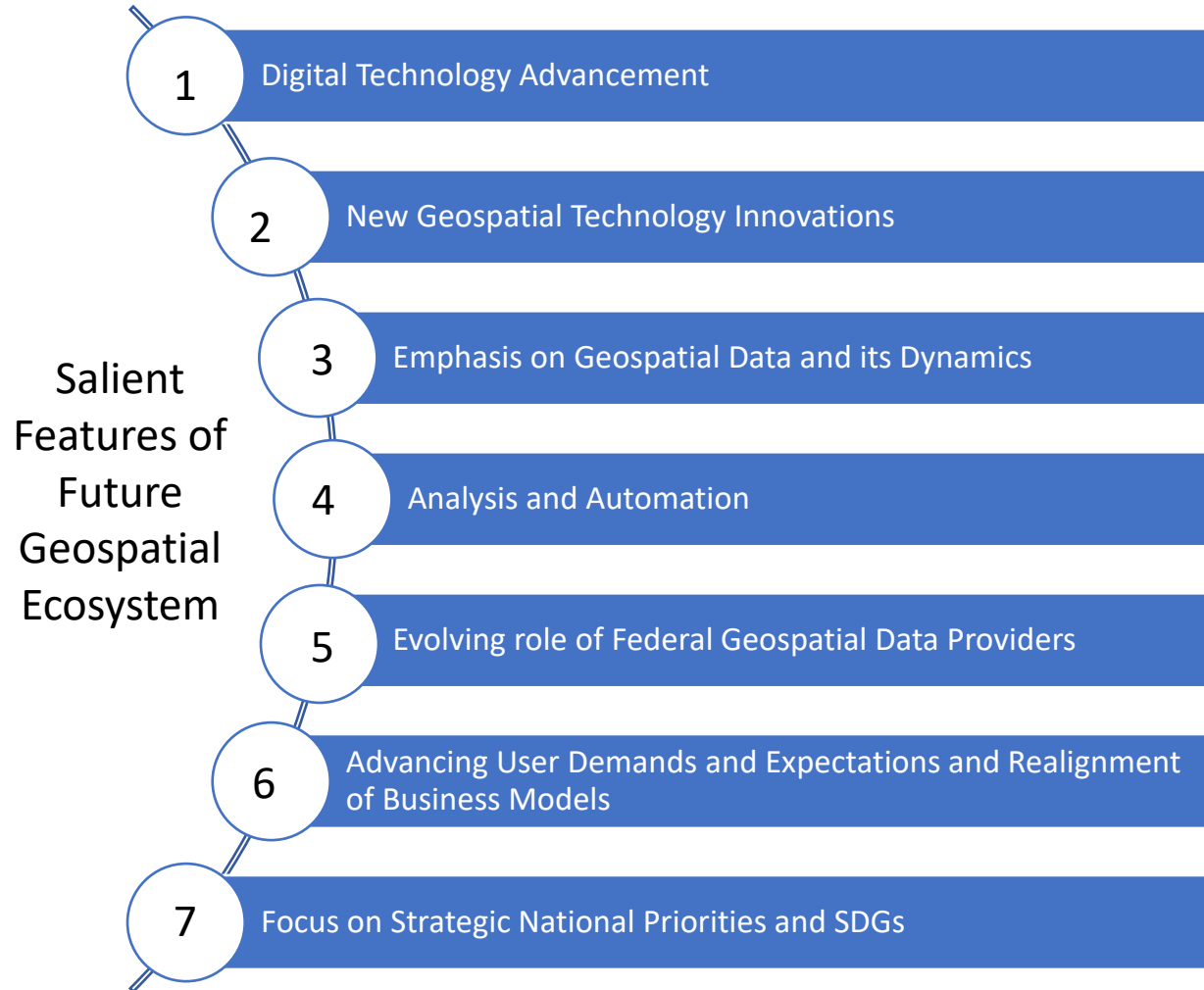
IGIF



GKI

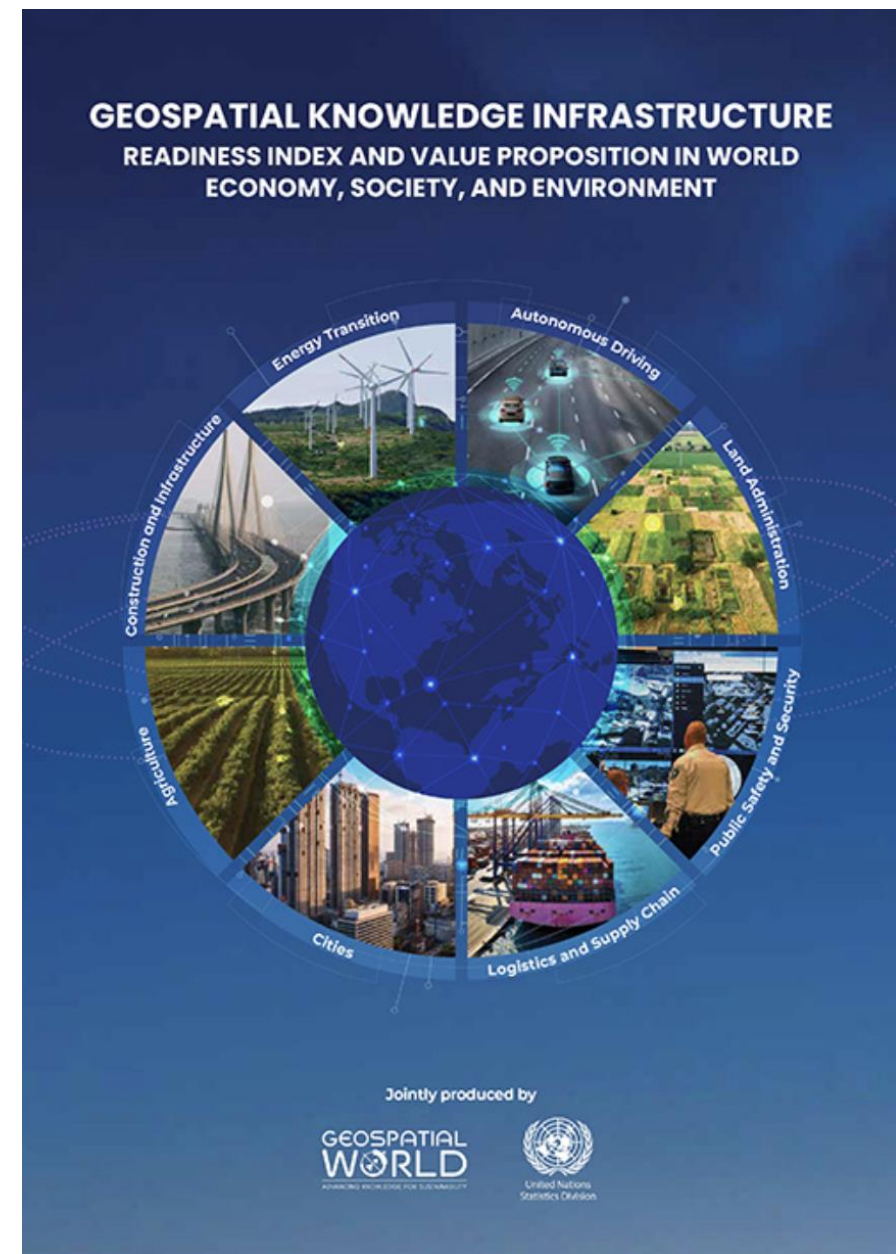


GKI as an enabler for the future geospatial ecosystem



Report & Readiness Index

The report, 'Geospatial Knowledge Infrastructure Readiness Index and Value Proposition for World Economy, Society, and Environment' is a culmination of the activities across Phase 2 of the GKI project. It presents the value proposition of GKI for the eight geospatial user industry (Agriculture, Logistics & Supply Chain, Cities, Land Administration, Energy Transition, Construction & Infrastructure, Autonomous Driving and Public Safety & Security) and provides a comparative appraisal of 50 countries on their GKI preparedness.



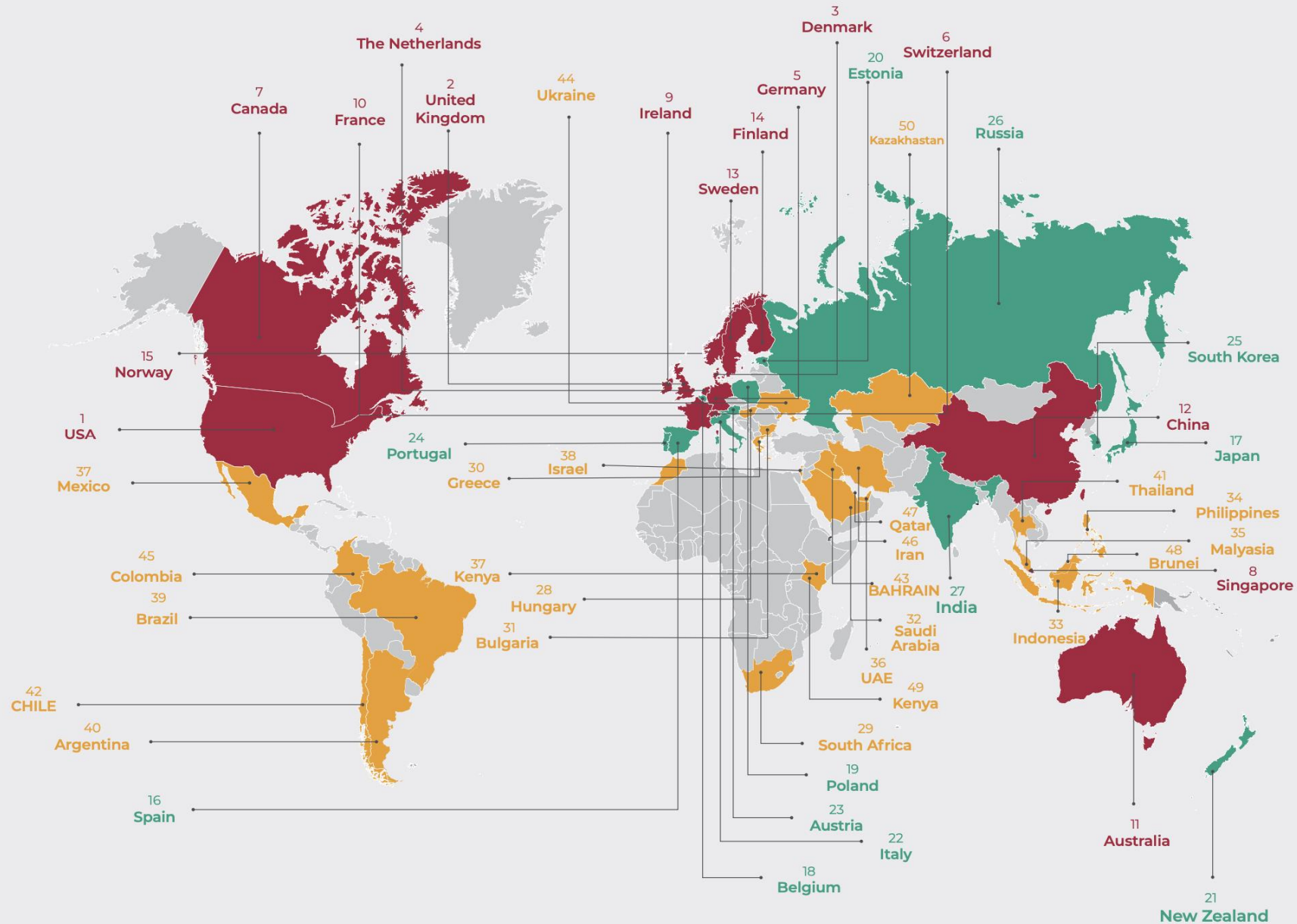
GKI READINESS INDEX – 2022: COUNTRY RANKING

LEADERS

Rank 2022	Country	Score (0-100)
1	USA	100.00
2	United Kingdom	83.89
3	Denmark	81.52
4	Netherlands	80.27
5	Germany	78.53
6	Switzerland	77.04
7	Canada	75.10
8	Singapore	74.82
9	Ireland	72.09
10	France	72.00
11	Australia	71.69
12	China	71.51
13	Sweden	71.19
14	Finland	70.55
15	Norway	70.21

CHALLENGERS

Rank 2022	Country	Score (0-100)
16	Spain	69.54
17	Japan	69.04
18	Belgium	66.84
19	Poland	65.97
20	Estonia	64.18
21	New Zealand	63.02
22	Italy	62.24
23	Austria	62.16
24	Portugal	60.17
25	South Korea	58.07
26	Russia	58.03
27	India	56.16



ASPIRERS

Rank 2022	Country	Score (0-100)
28	Hungary	55.68
29	South Africa	50.35
30	Greece	47.88
31	Bulgaria	47.47
32	Saudi Arabia	46.93
33	Indonesia	46.92
34	Philippines	46.41
35	Malaysia	46.06
36	UAE	43.30
37	Mexico	41.92
38	Israel	41.64
39	Brazil	41.60
40	Argentina	39.75
41	Thailand	39.25
42	Chile	38.54
43	Bahrain	37.89
44	Ukraine	37.36
45	Colombia	36.96
46	Iran	36.66
47	Qatar	34.76
48	Brunei	32.43
49	Kenya	27.29
50	Kazakhstan	21.95

THANK YOU

Scan here to download the GKI Report

