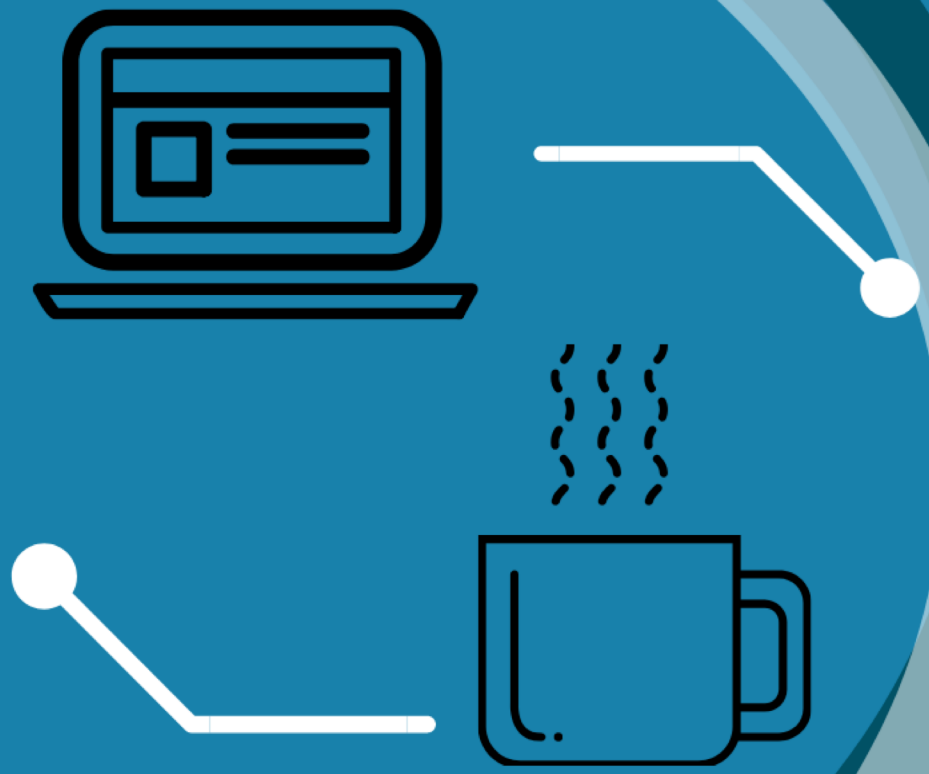

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CROSS-BORDER COFFEE BREAK

THE NETWORK READINESS INDEX 2019
TOWARDS A FUTURE-READY SOCIETY

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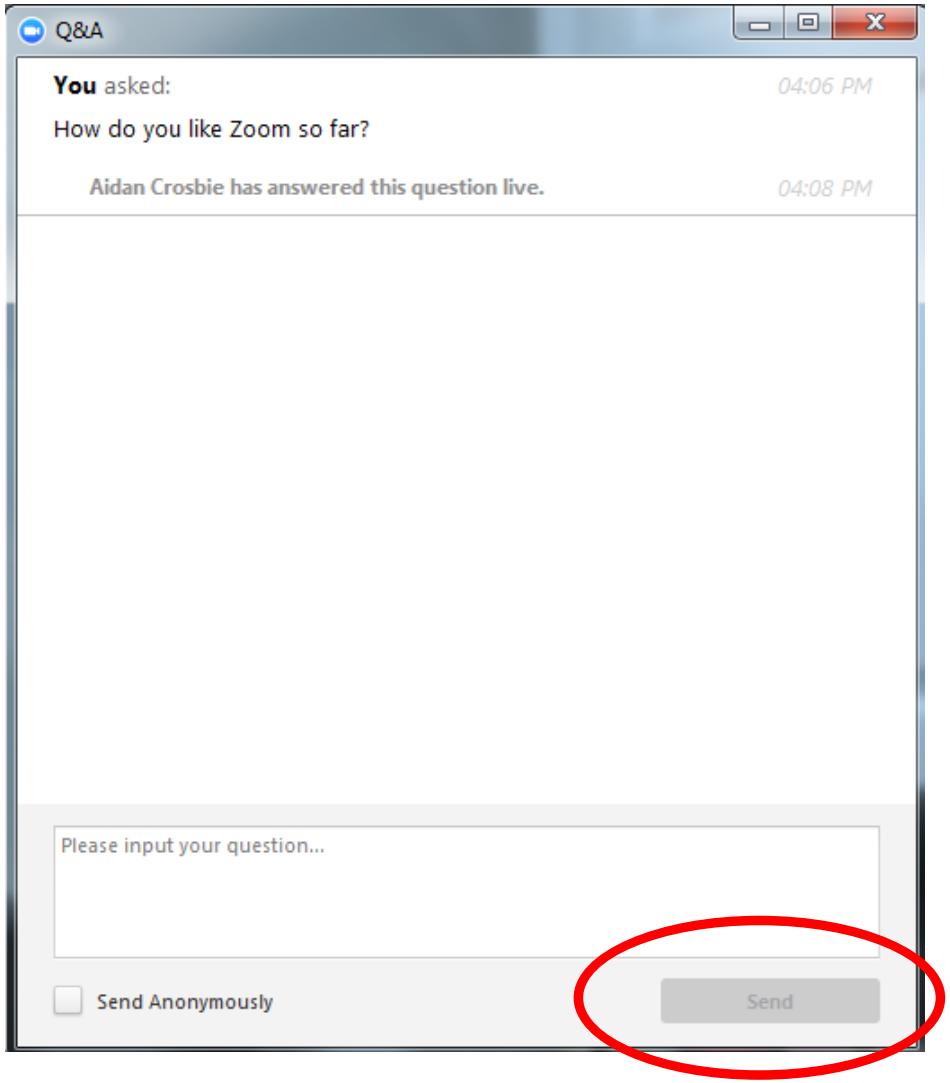
HOW TO SUBMIT A QUESTION



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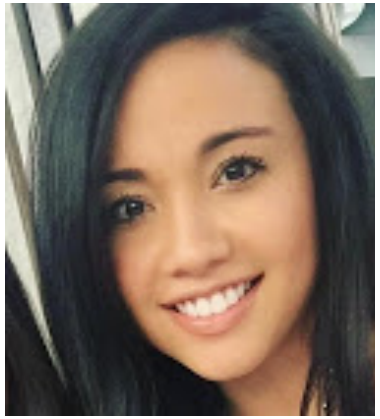

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The Network Readiness Index 2019: Towards a Future-Ready Society

Cross-Boarder Coffee Break, 14 January 2020

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Founded in 2019, *the Portulans Institute (PI) is an independent nonprofit, nonpartisan research and educational institute based in Washington DC. Our mission is:*

- To develop cross-community knowledge and dialogue on how people, technology and innovation contribute to sustainable and inclusive growth.
- To inform policy-makers, by producing independent, rigorous metrics and data-based research.
- To collaborate with private sector leaders in driving a business agenda that invests in people, technology, and innovation for a prosperous common future.
- To host and co-organize events and conferences on the above issues affecting human-centric sustainable economic prosperity.

Focus Areas

- Technology Competitiveness
- Innovation Readiness
- People and Global Talent

Programs

- The Portulans Institute Academic Network
- The Portulans Institute Community of Practice
- The Portulans Institute Corporate Partners Program
- The Portulans Institute Fellows Program

A Renewed and Future-Ready NRI

- **2000:** first steps for holistic framework on impact of ICT : NRI as part of GITR
- **2009**: impact pillar introduced in NRI
- **2016**: last issue of NRI published by the WEF

→ Consolidated as an influential global benchmark for application and utilization of ICT

- **2019: NRI** framework revisited

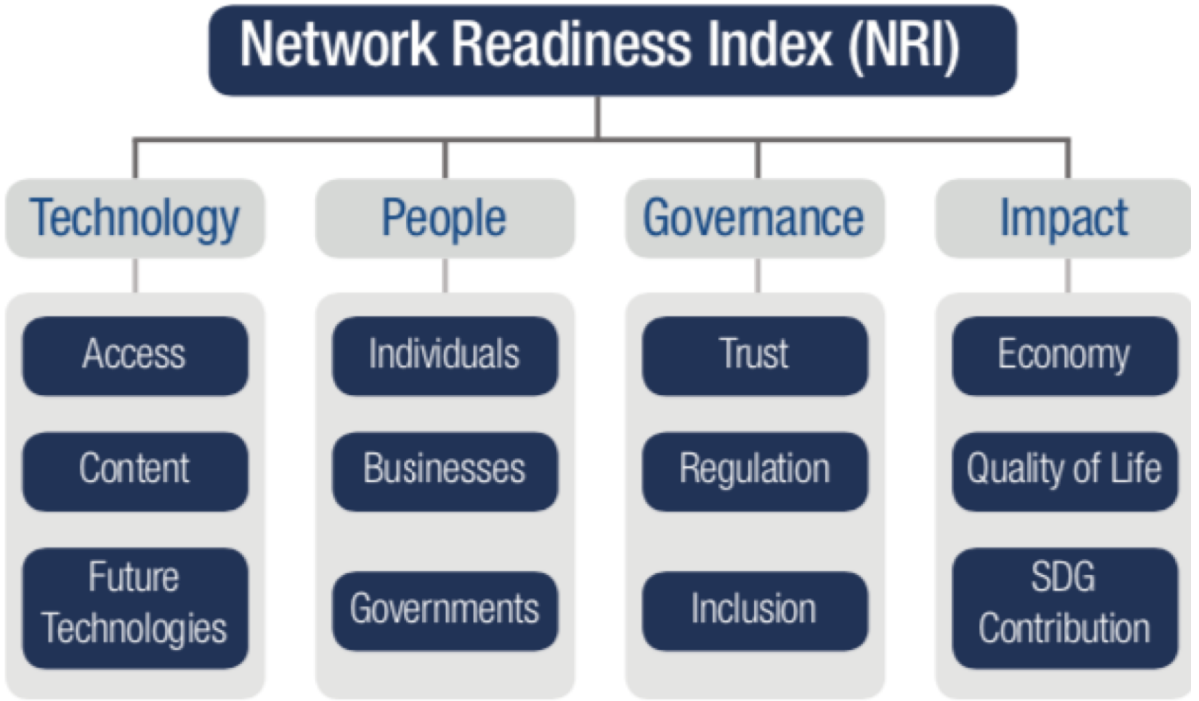
→ Redesigned NRI that is reflective of current ICT landscape and is future-ready

The NRI 2019 model

Underlying principle: our collective future will require a harmonious integration of people and technology

Structure of model:

- 4 pillars
- 12 sub-pillars
- 62 indicators



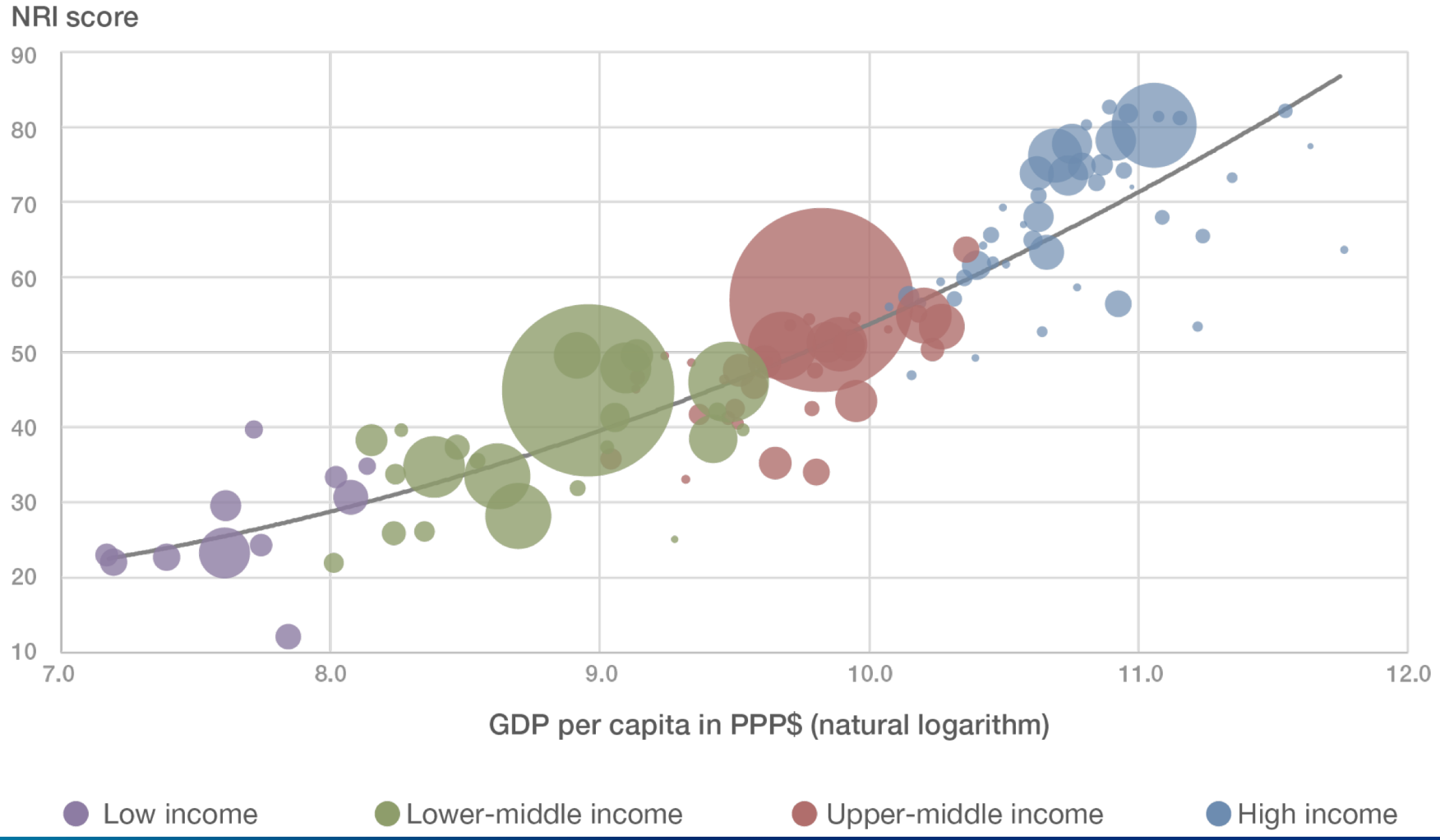
NRI 2019 rankings

Main results:

- **121** economies covered
- **Top 3:** Sweden, Singapore, and the Netherlands
- **High-income countries dominate**

Country	NRI rank	NRI score
Sweden	1	82.65
Singapore	2	82.13
Netherlands	3	81.78
Norway	4	81.30
Switzerland	5	81.08
Denmark	6	81.08
Finland	7	80.34
United States	8	80.32
Germany	9	78.23
United Kingdom	10	77.73

Network readiness and income

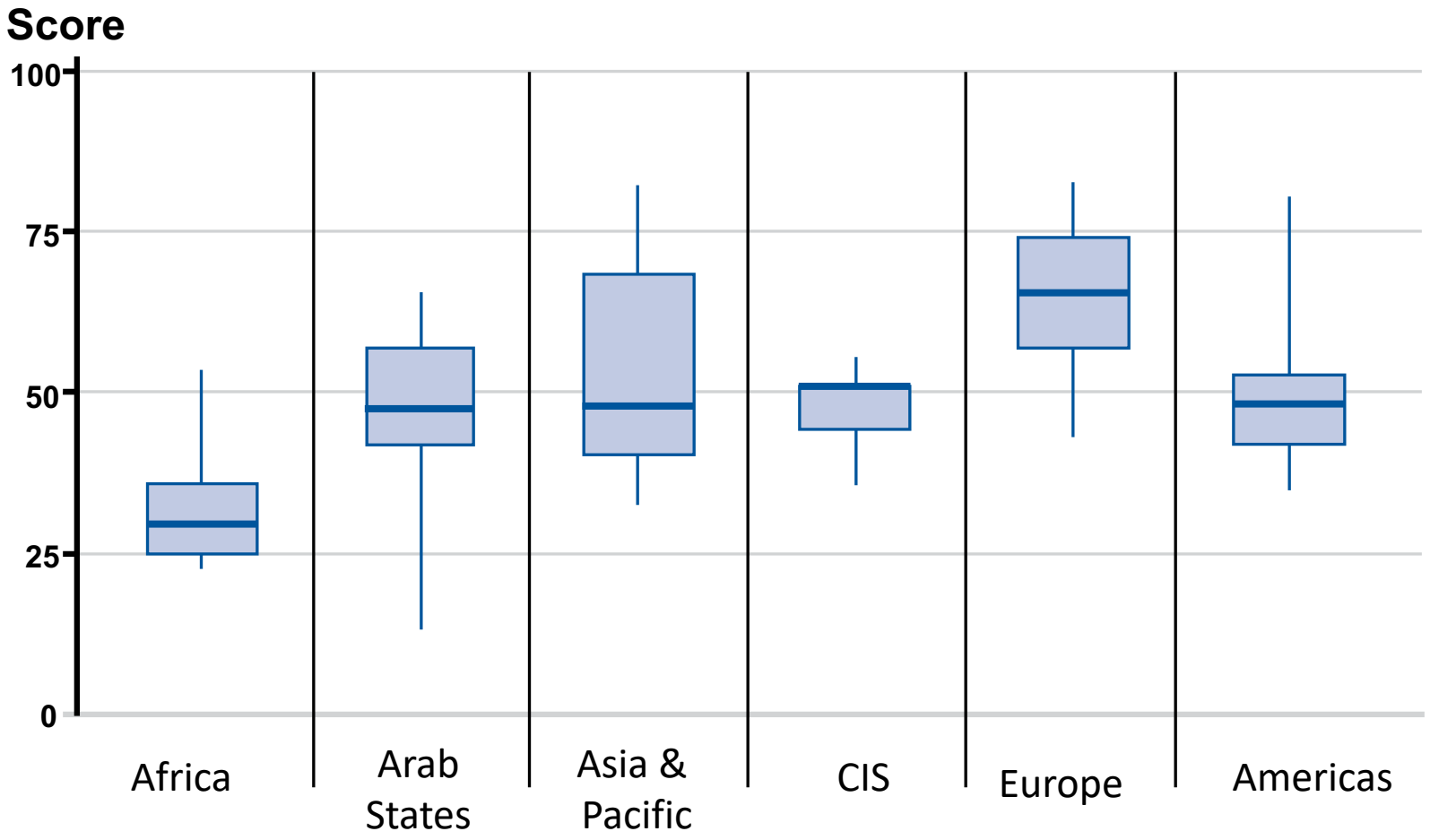


Top performers by income group

- Only high-income countries in top quartile
- Performances follow expected order in terms of level of income
- Yet leaders offer positive perspectives in all income groups

High-income countries		Upper-middle-income countries		Lower-middle-income countries		Low-income countries	
1. Sweden	(1)	1. Malaysia	(32)	1. Viet Nam	(63)	1. Rwanda	(89)
2. Singapore	(2)	2. China	(41)	2. Moldova	(66)	2. Tajikistan	(99)
3. Netherlands	(3)	3. Romania	(47)	3. Ukraine	(67)	3. Nepal	(106)

Regional performances



- Europe leads
- Africa lags
- Dispersion is highest in Asia-Pacific

Top performers by region

- Only one African country in first half of the rankings
- Divergence between North and South America
- Digital divides may be amplified in the future

Africa	
1. Mauritius	(53)
2. South Africa	(72)
3. Rwanda	(89)

Asia & Pacific	
1. Singapore	(2)
2. Japan	(12)
3. Australia	(13)

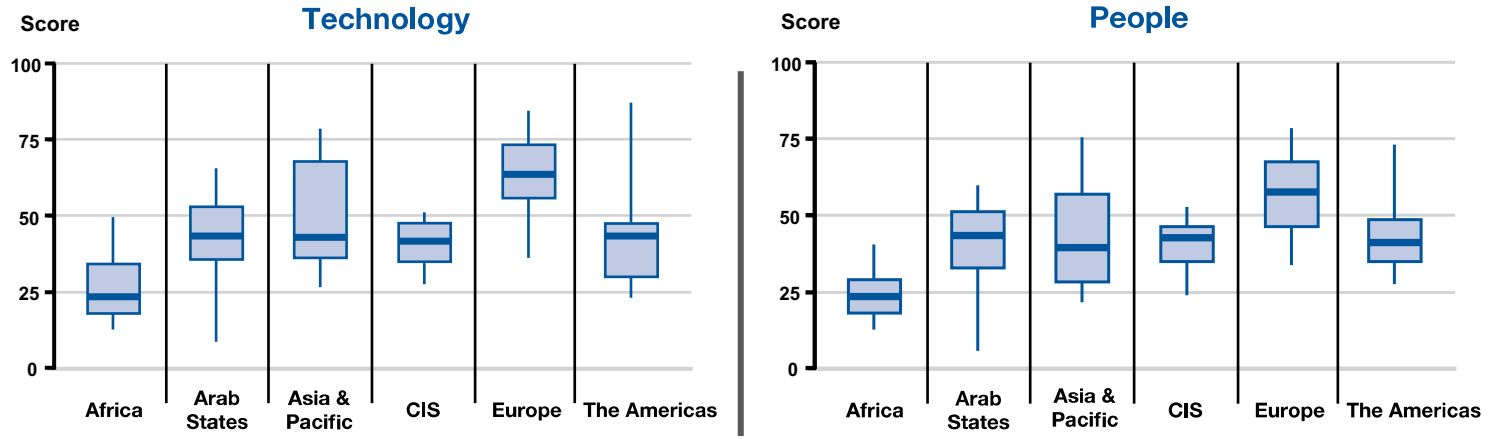
Europe	
1. Sweden	(1)
2. Netherlands	(3)
3. Norway	(4)

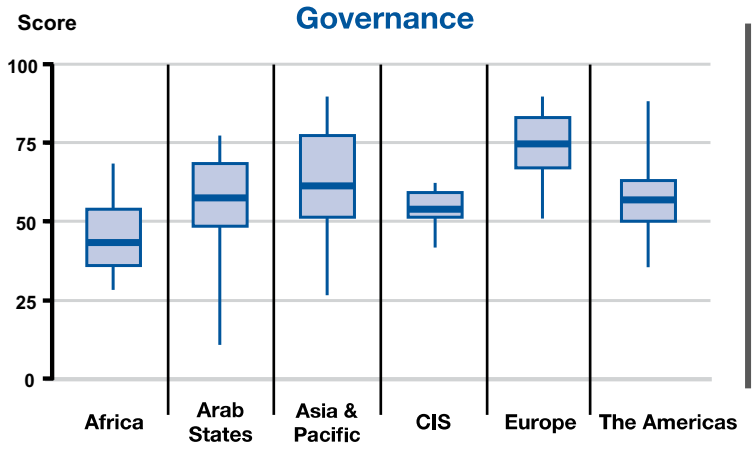
Arab States	
1. United Arab Emirates	(29)
2. Qatar	(33)
3. Bahrain	(40)

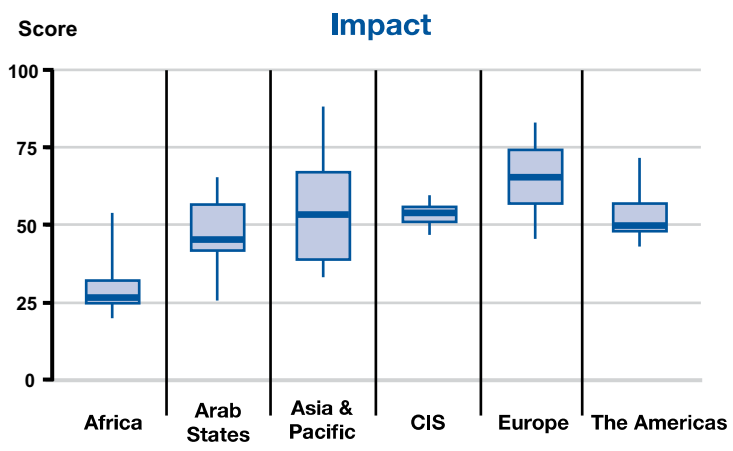
CIS	
1. Russia	(48)
2. Kazakhstan	(60)
3. Belarus	(61)

The Americas	
1. United States	(8)
2. Canada	(14)
3. Chile	(42)

NRI 2019 rankings by pillar







- Differences between regions are very similar across all pillars
- Africa lags even more on impact
- Governance is the 'less unequal' pillar

NRI 2019 rankings by pillar (cont.)

Top 3 performers

Technology:	People:	Governance:	Impact:
United States	Denmark	Norway	Singapore
the Netherlands	Sweden	New Zealand	Switzerland
Switzerland	South Korea	Luxembourg	Sweden

Future readiness can help achieve SDGs

- Network readiness has direct potential for SDGs 3, 4, 8, 9, 11
- All SDGs will benefit from global future readiness
- Addressing digital divides requires urgent and innovative action

Key messages

1. The champions of 2019 were already there in 2016
2. Integrating people and technology with right governance structure is key to collective prosperous future
3. Technological divide remains important concern
4. Technology and impact of ICT drive regional differences
5. Urgent policy measures needed for global future-readiness
6. Technological innovation is a powerful tool for SDGs

Visit:
www.networkreadinessindex.org
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