CROSS-BORDER COFFEE BREAK

THE NETWORK READINESS INDEX 2019 TOWARDS A FUTURE-READY SOCIETY
HOW TO SUBMIT A QUESTION

1. Click the Q&A button.
2. Input your question in the text box.
3. Click the Send button.
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The Network Readiness Index 2019: Towards a Future-Ready Society

Cross-Boarder Coffee Break, 14 January 2020
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

<table>
<thead>
<tr>
<th>Country</th>
<th>NRI rank</th>
<th>NRI score</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sweden</td>
<td>1</td>
<td>82.65</td>
</tr>
<tr>
<td>Singapore</td>
<td>2</td>
<td>82.13</td>
</tr>
<tr>
<td>Netherlands</td>
<td>3</td>
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<tr>
<td>Norway</td>
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<td>81.30</td>
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<td>Switzerland</td>
<td>5</td>
<td>81.08</td>
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<tr>
<td>Denmark</td>
<td>6</td>
<td>81.08</td>
</tr>
<tr>
<td>Finland</td>
<td>7</td>
<td>80.34</td>
</tr>
<tr>
<td>United States</td>
<td>8</td>
<td>80.32</td>
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<td>78.23</td>
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<tr>
<td>United Kingdom</td>
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<td>77.73</td>
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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

<table>
<thead>
<tr>
<th>High-income countries</th>
<th>Upper-middle-income countries</th>
<th>Lower-middle-income countries</th>
<th>Low-income countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Sweden (1)</td>
<td>1. Malaysia (32)</td>
<td>1. Viet Nam (63)</td>
<td>1. Rwanda (89)</td>
</tr>
<tr>
<td>2. Singapore (2)</td>
<td>2. China (41)</td>
<td>2. Moldova (66)</td>
<td>2. Tajikistan (99)</td>
</tr>
</tbody>
</table>
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

<table>
<thead>
<tr>
<th>Region</th>
<th>Country</th>
<th>Rank</th>
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</thead>
<tbody>
<tr>
<td>Africa</td>
<td>Mauritius</td>
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<tr>
<td></td>
<td>South Africa</td>
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<tr>
<td></td>
<td>Rwanda</td>
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<tr>
<td>Asia &amp; Pacific</td>
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<td></td>
<td>Japan</td>
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<td></td>
<td>Australia</td>
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<td>Canada</td>
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<tr>
<td></td>
<td>Chile</td>
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</tbody>
</table>
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:**
- United States
- the Netherlands
- Switzerland

**People:**
- Denmark
- Sweden
- South Korea

**Governance:**
- Norway
- New Zealand
- Luxembourg

**Impact:**
- Singapore
- Switzerland
- 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