

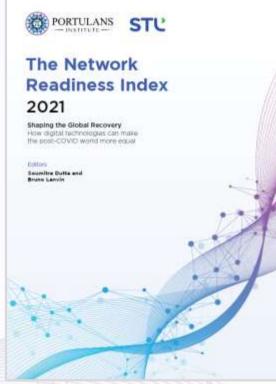
Network Readiness Index 2021

Shaping the Global Recovery: How digital technologies can make the post-Covid world more equal

With the support of our Knowledge Partner: **STU**

Presentation Overview





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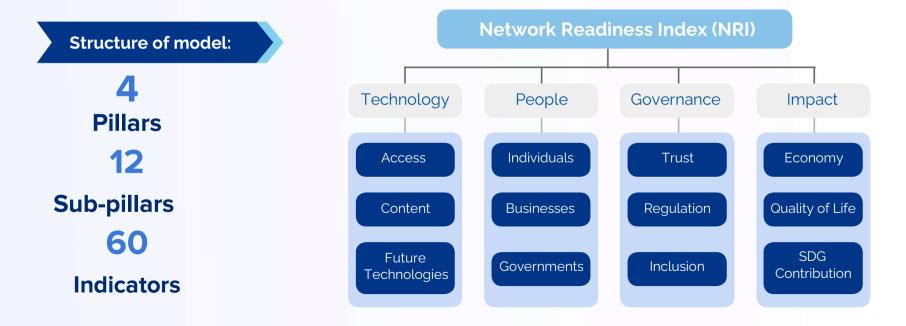
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What is the Network Readiness Index?

The NRI 2020 model

#NRI202

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



NRI 2021 Theme

Shaping the Global Recovery: How digital technologies can make the post-Covid world more equal.



Can technology be a post-COVID equalizer?

Before the COVID-19 pandemic onset, positive trends in technological adoption across the globe gave reason for optimism concerning the reduction of digital divides.

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However, when COVID-19 broke out and an increased reliance on digital technology swept through the global economy, the positive trends partially reversed, giving renewed importance to existing divides while creating new ones.

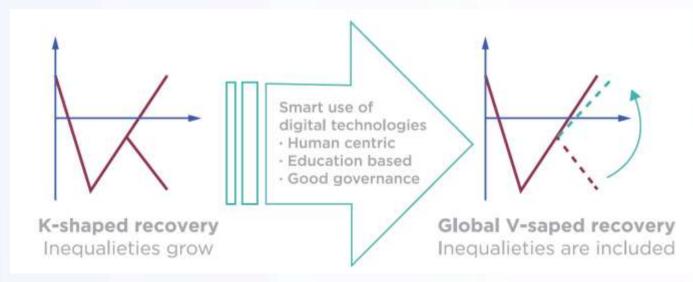
Identifying and addressing the inequalities in both access and literacy through targeted measures is a crucial strategy that can further promote inclusive and sustainable digital-driven growth.

2021 Theme

Striving for K-shaped recovery

The smart use of technology is a crucial aspect towards turning the Kshaped recovery into a V-shape, helping create an inclusive and global recovery process.

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2021 Rankings

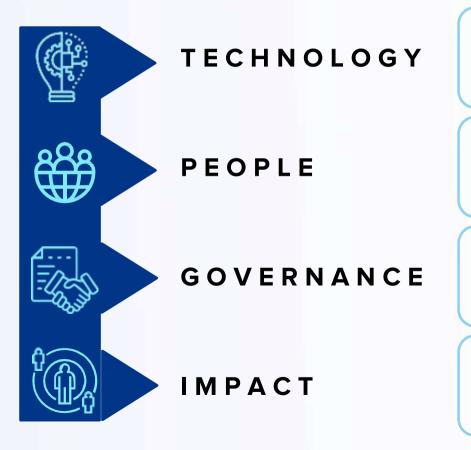
NRI 2021 rankings

Main Results

- Top 3 economies: The Netherlands, Sweden, Denmark
- Europe, The Americas, and Asia & Pacific dominate the top 10
- All high-income group economies at the top 25
- China (29) and Malaysia (38) are the two upper middle-income economies closing the gap

Economy	NRI Rank	NRI Score
Netherlands	1	82.06
Sweden	2	81.57
Denmark	3	81.24
United States	4	81.09
Finland	5	80.47
Switzerland	6	80.20
Singapore	7	80.01
Germany	8	78.95
Norway	9	78.49
United Kingdom	10	76.60

NRI 2021: Top rankings by pillar



1. United States of America

2. Switzerland

3. The Netherlands

1. Rep. of Korea

2. Denmark

3. Finland

1. Norway

2. The Netherlands

3. Denmark

1. Singapore

2. Sweden

3. The Netherlands

NRI 2021: Top rankings by income group

HIGH	UPPER MIDDLE	LOWER MIDDLE	LOW
The Netherlands (1)	China (29)	Ukraine (53)	Rwanda (101)
Sweden (2)	Malaysia (38)	Viet Nam (63)	Tajikistan (111)
Denmark (3)	Russian Federation (43)	India (67)	Gambia (113)

All top 25 economies are part of the high-income group

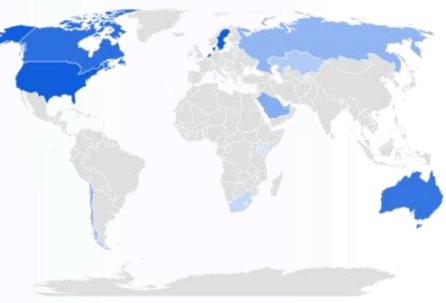
#NRI202

China is the only upper middle-income economy in the NRI top quartile Ukraine and Viet Nam are the only lower middle-income economies with performance above the NRI mean Tajikistan is the only non-Africa region economy in the low-income group and NRI 2021

NRI 2021: Top rankings by region

Africa	Arab States	Asia & Pacific
1. South Africa (70)	1. United Arab Emirates (34)	I. Singapore (7)
2. Mauritius (71)	2. Saudi Arabia (40)	2. Korea, Rep. (12)
3. Kenya (84)	3. Qatar (42)	3. Australia (13)
CIS	Europe	The Americas
CIS 1. Russian Federation (43)	Europe 1. Netherlands (1)	The Americas 1. United States (4)
1. Russian		

#NRI202

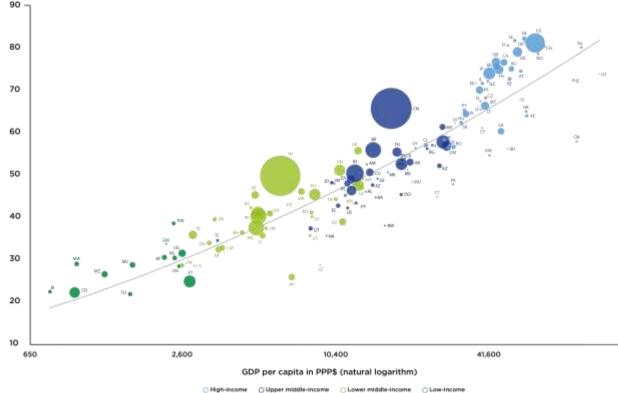


Note: Only top 3 economies highlighted. Darker shades represent higher NRI scores.

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NRI 2021: performance versus GDP per capita

- High-income, developed economies compose 90% of top 50 ranked
- China (29), Ukraine (53), and Rwanda (101)
 are at the forefront of bridging the technological divide
- Africa trails all regions behind the Americas



Source: NRI Database, Portulans Institute, 2021.

Key Messages and Takeaways

The pandemic turned digital transformation from a priority into a global imperative

Over the past two years, the COVID-19 pandemic increased our dependence on technology and accelerated the inevitable process of digital transformation as many aspects of life moved online.

The shift towards an increased reliance on technology has caused recognizable social, economic, and political changes that will have a lasting impact.

#NR120

The new landscape of digital transformation is creating new divides and highlighting existing ones

Divides in access exist not just between regions and economies but also remain persistent between genders.

The digital gender divide continues to present a significant barrier to meaningful participation in a digital society, a barrier exacerbated by the effects of the pandemic.

Technology can help equalize the global recovery.

As a growing number of economies adopt stimulus and fiscal packages, anticipating the shape that the global recovery will take becomes easier.

Four primary areas are likely to receive the bulk of such recovery efforts:

• Health

#NRI20

- Greening of the economy
- Infrastructure
- Digital transformation

#NR120

Network readiness requires holistic approaches.

The leading countries in network readiness have balanced, dynamic economies that excel in multiple areas and demonstrate strong performances across all pillar dimensions of the NRI.

As the new digital economy becomes more established, the ability to integrate people and technology within the proper governance structures is key to fostering resilience and sustainability.

#NR 20

Technology readiness remains a "fair game" at the global stage.

Although economies in higher-income region clusters remain the most networkready, some of the most noteworthy efforts in overall performance identified this year are among the African countries of the middle and lower-income groups.

#N 2 20

Digital technology champions are helping bridge income group gaps.

China (29), Ukraine (53), Vietnam (63), India (67), and Rwanda (101) are a few of the economies that continue to close the performance gap between income groups.

These economies score above the median performance in their respective income groups across one or more pillars.

#N 2 20

Connectivity is not an end in itself—it is a tool designed to create value for societies.

While connectivity is critical, it is also important, the availability, affordability of connected devices, and fragmented regulatory environments, may prevent individuals from fully leveraging digital technologies to create economic and social value.

Removing these barriers will help to ensure that Internet access contributes to equal opportunity, rather than becoming a means that increases social and economic inequality.



Thank you for your attention!

Learn more at: www.networkreadinessindex.org www.portulansinstitute.org