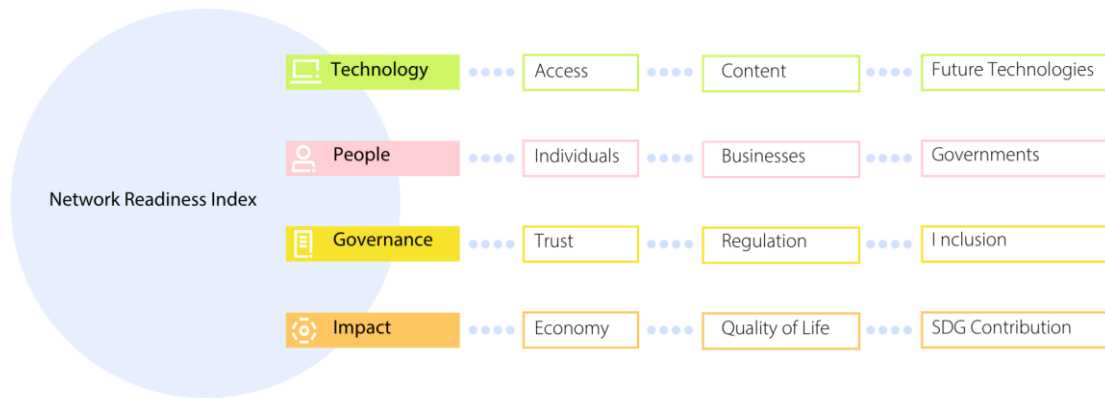




Seychelles

The Network Readiness Index (NRI) is one of the leading global indices on the application and impact of information and communication technology (ICT) in economies around the world. In its latest version of 2024 the NRI Report maps the network-based readiness landscape of 133 economies based on their performances in four different pillars: Technology, People, Governance, and Impact. Each of these pillars is itself comprised of three sub-pillars (see Figure 1) that have been populated by a total of 54 variables.

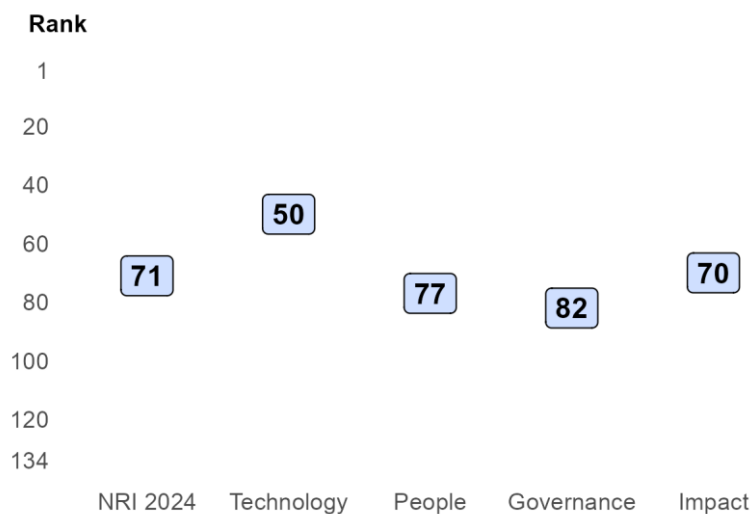
Figure 1: The NRI 2024 model



Global NRI position of Seychelles

Seychelles ranks 71st out of the 133 economies included in the NRI 2024 (Figure 2). Its main strength relates to Technology. The greatest scope for improvement, meanwhile, concerns Governance.

Figure 2: Seychelles global ranking, overall and by pillar



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Performance at sub-pillar level

When it comes to sub-pillars, the strongest showings of Seychelles relate to Content, Businesses and SDG Contribution, among others (Table 1). More could be done, though, to improve the economy's performances in the Inclusion, Governments and Economy sub-pillars.

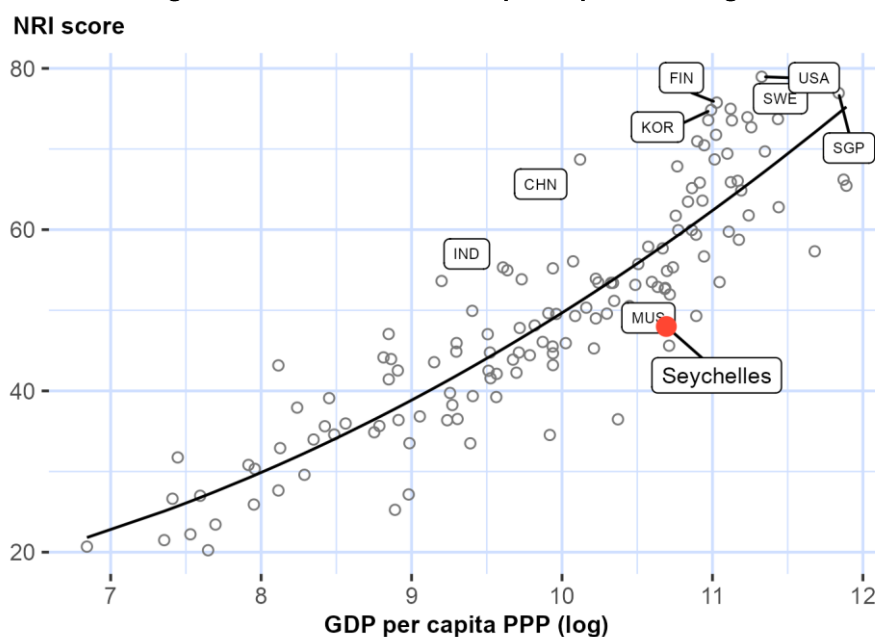
Table 1: Seychelles rankings by sub-pillar

Sub-pillar	Rank	Sub-pillar	Rank
Content	17	Access	78
Businesses	33	Regulation	80
SDG Contribution	38	Future Technologies	96
Quality of Life	42	Inclusion	112
Individuals	61	Governments	115
Trust	65	Economy	132

NRI score and income

Figure 3 shows the position of Seychelles in terms of both NRI score and GDP per capita (PPP). The trend line shows the expected NRI score given an economy's income level. As can be seen, Seychelles is well below the trend line, which suggests that it is underachieving and that one would expect it could raise its network readiness in view of its income level.

Figure 3: NRI score and GDP per capita PPP (log)



Note: USA = United States (rank: 1), SGP = Singapore (rank: 2), FIN = Finland (3), SWE = Sweden (4), KOR = Republic of Korea (5), CHN = China (17), and IND = India (49). Seychelles belongs to the group of high-income countries, where the best performer is United States of America (USA). The top performer of its region-Africa-is Mauritius (MUS).

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Performance against its income group and region

High-income countries

Seychelles is ranked 50th in the group of high-income countries (Figure 4, left panel). In terms of pillar performance, it has a score below the income group average in each of the four pillars. At the sub-pillar level, it outperforms high-income countries in three of the twelve sub-pillars: Content, Businesses and SDG Contribution.

Africa

Seychelles is ranked 2nd within Africa (Figure 4, right panel). It outperforms its region in each of the four pillars. With regard to sub-pillars, it outperforms the average in Africa in ten of the twelve sub-pillars: Access, Content, Future Technologies, Individuals, Businesses, Trust, Regulation, Inclusion, Quality of Life and SDG Contribution.

Figure 4: Performance of Seychelles against its income group and region, overall and by pillar

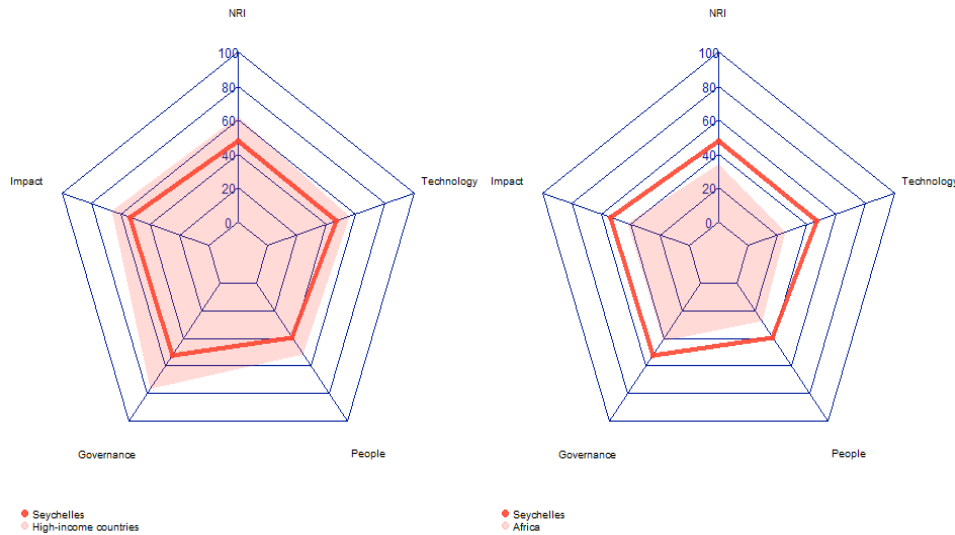


Table 2: Seychelles scores vs. averages of its income group and region, overall and by pillar

Dimension	Seychelles	High-income countries	Africa
NRI	47.99	62.50	34.11
Technology	46.56	55.84	25.27
People	39.44	51.81	27.46
Governance	52.08	76.61	41.69
Impact	53.88	65.73	42.01

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Strongest and weakest indicators

The indicators where Seychelles performs particularly well include 1.1.6 Internet access in schools, 1.2.2 Internet domain registrations, and 2.2.2 Number of venture capital deals invested in AI (Table 3). By contrast, the economy's weakest indicators include 4.1.2 Domestic market scale, 1.2.4 AI scientific publications, and 2.1.1 Mobile broadband internet traffic within the country.

Table 3: Highlight of Strengths and Opportunities for Seychelles

Strongest indicators	Rank	Weakest indicators	Rank
1.1.6 Internet access in schools	1	4.1.1 ICT patent applications	79
1.2.2 Internet domain registrations	1	2.2.3 Annual investment in telecommunication services	117
2.2.2 Number of venture capital deals invested in AI	1	3.3.1 E-Participation	119
1.2.3 Mobile apps development	2	3.2.2 ICT regulatory environment	121
3.1.1 Secure Internet servers	13	3.1.2 Cybersecurity	122
4.3.4 SDG 7: Affordable and Clean Energy	31	1.1.5 International Internet bandwidth	123
4.2.3 Income inequality	34	1.1.3 FTTH/building Internet subscriptions	125
2.1.4 Adult literacy rate	40	2.2.4 Public cloud computing market scale	127
1.3.2 Investment in emerging technologies	50	2.1.1 Mobile broadband internet traffic within the country	128
3.2.1 Regulatory quality	54	1.2.4 AI scientific publications	132
		4.1.2 Domestic market scale	133

Note: For the full list of strengths and weaknesses, see At-A-Glance table.

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NRI 2024 At-A-Glance: Seychelles

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Rank: 71 (out of 133)

Score: 47.99

Pillar/sub-pillar	Rank	Score	Pillar/sub-pillar	Rank	Score
A. Technology pillar	50	46.56	C. Governance pillar	82	52.08
1st sub-pillar: Access	78	62.09	1st sub-pillar: Trust	65	50.59
2nd sub-pillar: Content	17	50.20	2nd sub-pillar: Regulation	80	64.05
3rd sub-pillar: Future Technologies	96	27.39	3rd sub-pillar: Inclusion	112	41.60
B. People pillar	77	39.44	D. Impact pillar	70	53.88
1st sub-pillar: Individuals	61	49.71	1st sub-pillar: Economy	132	11.62
2nd sub-pillar: Businesses	33	47.60	2nd sub-pillar: Quality of Life	42	73.87
3rd sub-pillar: Governments	115	21.01	3rd sub-pillar: SDG Contribution	38	76.14

The Network Readiness Index in detail

Indicator	Rank	Score	Indicator	Rank	Score
A. Technology pillar	50	46.56	C. Governance pillar	82	52.08
<i>1st sub-pillar: Access</i>	78	62.09	<i>1st sub-pillar: Trust</i>	65	50.59
1.1.1 Mobile tariffs	85	56.63	3.1.1 Secure Internet servers	13	87.94
1.1.2 Handset prices	59	68.45	3.1.2 Cybersecurity	122	13.25
1.1.3 FTTH/building Internet subscriptions	125	3.72	3.1.3 Online access to financial account	NA	NA
1.1.4 Population covered by at least a 3G mobile network	60	88.89	3.1.4 Internet shopping	NA	NA
1.1.5 International Internet bandwidth	123	54.84	<i>2nd sub-pillar: Regulation</i>	80	64.05
1.1.6 Internet access in schools	1	100.00	3.2.1 Regulatory quality	54	55.71
<i>2nd sub-pillar: Content</i>	17	50.20	3.2.2 ICT regulatory environment	121	55.95
1.2.1 GitHub commits	54	12.66	3.2.3 Regulation of emerging technologies	NA	NA
1.2.2 Internet domain registrations	1	100.00	3.2.4 E-commerce legislation	87	75.00
1.2.3 Mobile apps development	2	88.14	3.2.5 Privacy protection by law content	65	69.52
1.2.4 AI scientific publications	132	0.00	<i>3rd sub-pillar: Inclusion</i>	112	41.60
<i>3rd sub-pillar: Future Technologies</i>	96	27.39	3.3.1 E-Participation	119	20.94
1.3.1 Adoption of emerging technologies	NA	NA	3.3.2 Socioeconomic gap in use of digital payments	NA	NA
1.3.2 Investment in emerging technologies	50	47.25	3.3.3 Availability of local online content	62	62.26
1.3.3 Robot density	NA	NA	3.3.4 Gender gap in Internet use	NA	NA

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Indicator	Rank	Score	Indicator	Rank	Score
1.3.4 Computer software spending	96	7.54	3.3.5 Rural gap in use of digital payments	NA	NA
B. People pillar	77	39.44	D. Impact pillar	70	53.88
<i>1st sub-pillar: Individuals</i>	61	49.71	<i>1st sub-pillar: Economy</i>	132	11.62
2.1.1 Mobile broadband internet traffic within the country	128	0.23	4.1.1 ICT patent applications	79	0.00
2.1.2 ICT skills in the education system	NA	NA	4.1.2 Domestic market scale	133	0.00
2.1.3 Use of virtual social networks	71	53.56	4.1.3 Prevalence of gig economy	60	42.73
2.1.4 Adult literacy rate	40	95.35	4.1.4 ICT services exports	102	3.76
2.1.5 AI talent concentration	NA	NA	<i>2nd sub-pillar: Quality of Life</i>	42	73.87
<i>2nd sub-pillar: Businesses</i>	33	47.60	4.2.1 Happiness	NA	NA
2.2.1 Firms with website	62	53.83	4.2.2 Freedom to make life choices	NA	NA
2.2.2 Number of venture capital deals invested in AI	1	100.00	4.2.3 Income inequality	34	79.43
2.2.3 Annual investment in telecommunication services	117	36.56	4.2.4 Healthy life expectancy at birth	59	68.31
2.2.4 Public cloud computing market scale	127	0.00	<i>3rd sub-pillar: SDG Contribution</i>	38	76.14
<i>3rd sub-pillar: Governments</i>	115	21.01	4.3.1 SDG 3: Good Health and Well-Being	57	74.19
2.3.1 Government online services	108	38.37	4.3.2 SDG 4: Quality Education	NA	NA
2.3.2 Data Capabilities	NA	NA	4.3.3 SDG 5: Women's economic opportunity	99	67.52
2.3.3 Government promotion of investment in emerging technologies	NA	NA	4.3.4 SDG 7: Affordable and Clean Energy	31	87.13
2.3.4 R&D expenditure by governments and higher education	87	3.64	4.3.5 SDG 11: Sustainable Cities and Communities	54	73.36

NOTE: ● a strength and ○ a weakness.

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