

Explorer Lab – Finding data for your Brief

Competence Centre on Composite Indicators and Scoreboards
11.05.2023 | Online Explorer Lab



6 Commission priorities for 2019-24



A European Green Deal

Europe aims to be the first climate-neutral continent by becoming a modern, resource-efficient economy.



A Europe fit for the digital age

The EU's digital strategy will empower people with a new generation of technologies.



An economy that works for people

The EU must create a more attractive investment environment, and growth that creates quality jobs, especially for young people and small businesses.



A stronger Europe in the world

The EU will strengthen its voice in the world by championing multilateralism and a rules-based global order.



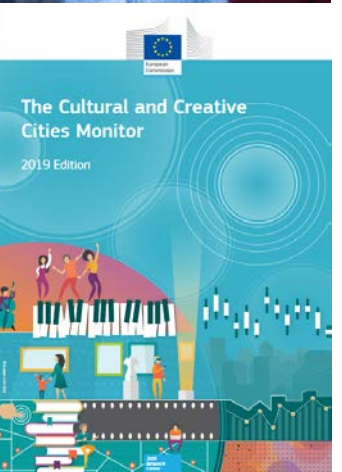
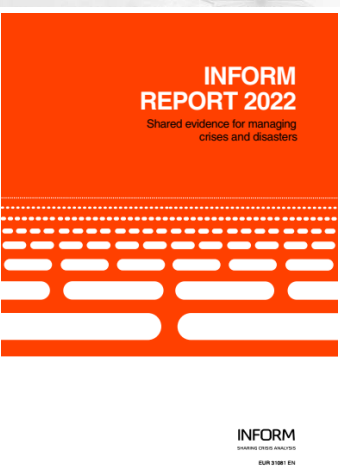
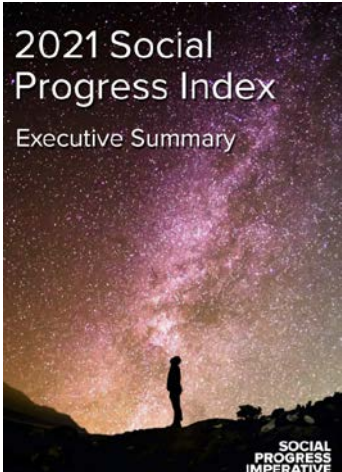
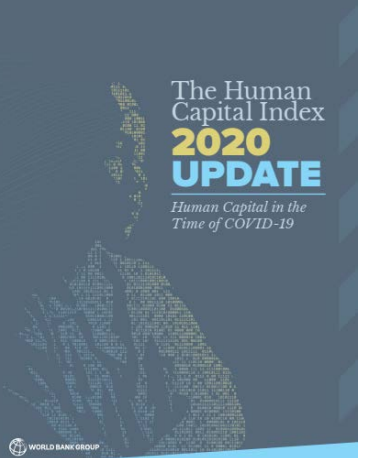
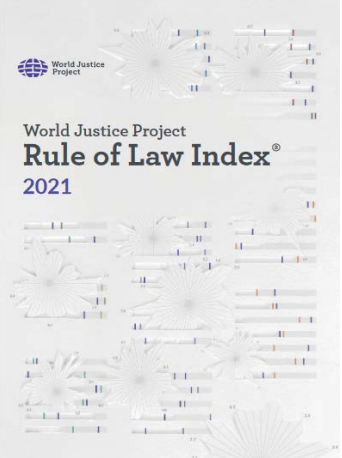
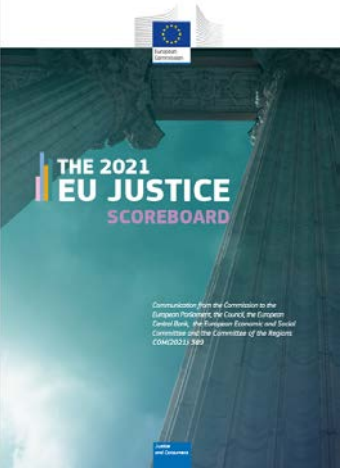
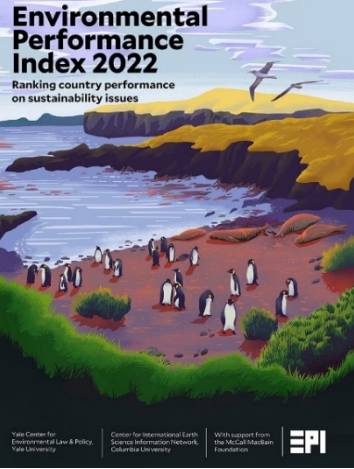
Promoting our European way of life

Europe must protect the rule of law if it is to stand up for justice and the EU's core values.



A new push for European democracy

We need to give Europeans a bigger say and protect our democracy from external interference such as disinformation and online hate messages.





Composite Indicators & Scoreboards Explorer

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MEASURE, EXPLORE, AND COMPARE FOR INFORMED DECISIONS

Composite Indicators & Scoreboards Explorer

Your gateway for numbers that matter

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140

Indices

35

Scoreboards

244

Countries

1447

Regions



371

Cities


















630K

Data points

European Commission Policy Priorities

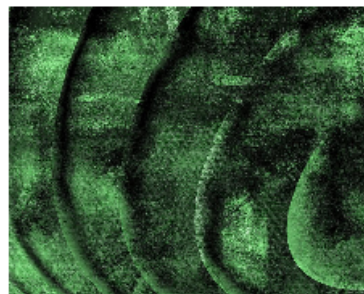
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UN Sustainable Development Goals

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41.9	32.6	28	30.3	11.7	54
46.3	55.4	51.4	53.7	51.2	64.6
47.5	47.9	50.6	62.7	39.8	59.7
58	73.8	68.3	97	52.7	36.5
59.9	63.5	53.3	74	42	43.4
62.4	82	75.2	100	65.5	
47.5	21.6	19.6	25	6.4	
77.9	85.5	80.5	100	74.6	
42.2	33	33.5	37.7	26.4	
29.6	42	39.4	78.4	12.1	
46.5	46.9	44.1	49.7	38.8	
35.5	31.5	34.6	84.4	0	
31.7	17.5	19.3	10.5	21	
56.6	78.1	74	80.8	79.6	
61.4	71.8	74.6	59.8	93.2	
31.8	25.3	33.7	10.7	52.2	
76.5	93.4	93.5	100	100	
31.3	36.3	30.3	22.6	22.7	
62.5	83.9	82	100	78.4	
37.4	31.9	31.6	17.4	22.2	
49.7	29.4	25.7	42.1	5.8	
77.7	83.9	78.6	100	71	
39.1	37.5	27.9	29.2	23.1	
27.7	20.5	15.3	17.8	6.9	
31.6	19.5	21	6.3	29.6	
36.4	21.3	20.7	10.6	24	
40.2	16.6	19.4	6.6	24.2	
44.8	29.5	22.9	32.7	7.5	
56.2	71.5	62	83.4	51.4	
47.9	45	43.5	53.9	22.5	
28	28.1	29.1	21.7	33.3	
38.5	32.3	32.1	39	10.7	
36.5	30	31.3	19.5	39.6	
60.2	55.7	45.8	58	39.1	
26.1	21.1	28.2	8	40.3	
55.1	47.6	38.2	43.5	35.3	
28.2	25.3	21.5	23.4	19.6	
18.9	12.5	7.8	18.6	0	
57.4	88.3	89.1	100	88	
34.5	41.9	41.6	82.2	17.2	
27.8	35	31.8	75.2	0	
62.8	94.7	96	100	100	
48.2	76	68	99.8	56.9	
57.7	76.9	69.4	89.8	63.4	
45.6	41.8	39.8	42.5	36.1	
43.6	52.2	50.7	100	20.1	
57.2	82.5	78.9	100	73.8	
40.9	37.5	28.6	40.5	17.4	
30.8	26.2	30	14	42.9	
35.7	29.1	23.5	26.8	18.7	
30.1	27.6	25.9	11.4	35.5	
49	27.2	32.1	6.7	38.8	
46.9	73.3	62.9	100	47.2	
42.4	51.5	47	97.9	14.7	
30.7	24.2	22.6	9.5	33.5	
32.2	46.3	41.2	79.7	15.6	
24.9	22.9	28.3	11.6	36.2	48.6
49.4	47.3	46	53.4	27.8	100

Data stories



13 March 2023

Riding the green-social transition tandem with the right data

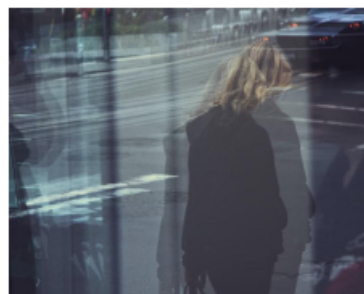
By S. Prevost, J. Harmacek ⌚ 8 Minutes



14 November 2022

How are indices and scoreboards used in EU policymaking?

By M. Saisana, A.R. Neves, M. Nurminen, E. Starnoni, V. Alberti ⌚ 5 Minutes



15 November 2022

Why Regions Matter for Gender Equality?

By M. Nurminen and E. Papadimitriou ⌚ 5 Minutes

48.6	47.4	76.2	39.3	15.9	9.9	10.5	9.5	36.7	36.7	11.9	0.5	7.9	38.7	20.9	26.8	21.3	55.7	1	24.1
48.6	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6

0	8.4	43.1	80.8	NA
73	54.4	41.3	22.9	17.7
95.7	38.3	38.1	19.2	8
0	87.5	35.5	32.5	21.8
87.1	89.4	38.6	19.1	1.8
86.2	89.4	36.2	17.9	11.5
90.9	5.3	37.6	100	NA
93.5	76	34.4	16.4	10.3
64.8	51.2	38.5	16.9	9.5
80.8	74.4	59.7	23.7	5.1
74.4	40.2	49.6	25.8	21
97	41.4	63.5	55.1	48.3
97.3	18.2	34.6	90.1	100
90.2	80.8	32.8	13.4	8.6
78.3	86.6	49	15.2	3
95.5	52.6	39.6	27.6	25.1
61.8	70.3	60.8	20.1	4.6
88.7	7.1	72.3	22.7	22.7
88.7	72.5	36.6	21.5	15.7
NA	0	37.3	100	100
96.6	87.4	65.9	37.7	28.3
92.1	31.8	36.8	23.6	11.1
95.4	25.4	38.7	51.2	54.4
84.5	77.2	38.1	10.3	1.8
83.2	59.8	48.4	13.9	0
90.2	34.9	28.7	28.5	14.2
69.5	81.6	48.3	28.3	4.4
82.2	70	61	29.1	18.1
89.7	68.8	33.5	28.1	23.5
NA	12.5	43.8	35.8	25.1
0	29.9	42.2	12.3	4.2
94.5	36.1	69	31.5	30
24.7	51	44.3	22.7	3.6
89	90.1	33.5	34.4	20.8
44.4	14	37.3	20.4	9.8
88.6	84.4	25.2	28	11.1
47.1	42.6	51.5	13.6	8.2
86	0.3	30.5	25	17.2
96.9	72.7	40.2	17.4	7.8
95.8	27.3	44.8	67	62.6
98.1	17.8	50.6	70.2	77.7
100	44.8	74	77.4	NA
77	39.9	39.4	42.2	23
89.2	65.9	31	26.1	16.6
53.8	27.3	39	30.1	19.7
92.1	17.8	54.3	63.2	50.9
68.8	62	44.2	26.8	23.7
97.2	56.1	48.9	40.1	42.5
85.4	56.6	37.2	17.7	14.1
93.5	16.8	47.1	61.7	65.4
26.9	89.7	35.8	9.7	2.3
NA	0	46.8	NA	NA
78.8	61.1	41.6	17.7	16.4
91.7	82.6	53.2	29	NA
7	65.4	47	17.2	0.8
84.7	5.6	32.5	26.4	14.2
42.3	15.9	43.9	2.4	0
NA	24	51.1	38.9	28.9



Your Director is going to **Sweden** to participate in a meeting with the Minister for Climate and the Environment. You were requested to provide a few relevant facts and figures on how Sweden is performing in the **green transition** in comparison with other EU countries.

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Sweden



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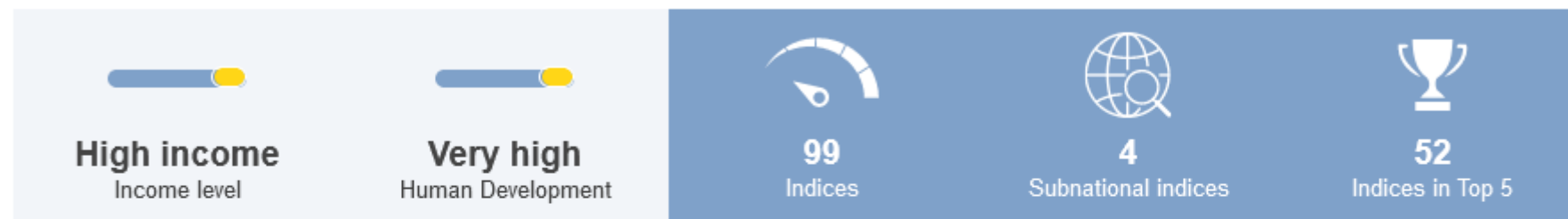
Cities

630K

Data points

COUNTRIES AND TERRITORIES

Sweden



Overview by policy area

Scoreboard of scoreboards

Check how this country performs in any policy category of your choice. The chart shows you the country's overall indices scores within the selected category. You can also see the range of all scores and compare the country score with the midpoint of scores.



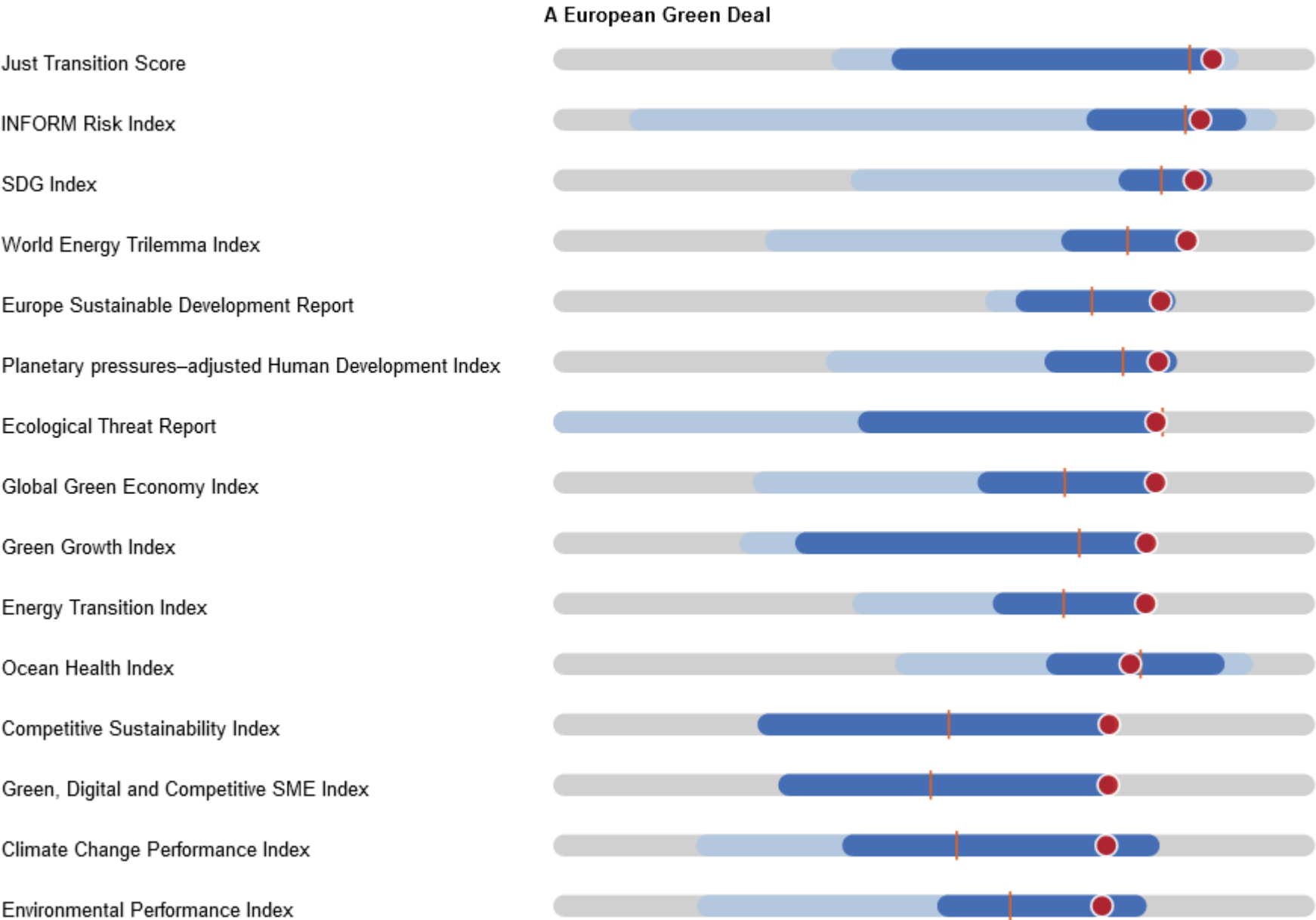
A European Green Deal



EU Median



Sweden





- 
- A Swedish flag is shown waving in the wind against a clear blue sky. The flag is white with a yellow cross. The image is used as a background for a presentation slide.
- By looking across a series of measures together, we can see how Sweden is well above the EU average in almost all of them. It takes the top spot in 10 European ranks.
 - But we can also see where Sweden has still room for improvement. This is the case when it comes to the Ecological Footprint.
 - Even if Sweden tops the list in several green transition ranks, it's not always the case in the criteria behind them. The yellow dots in the chart show us where more efforts are needed.

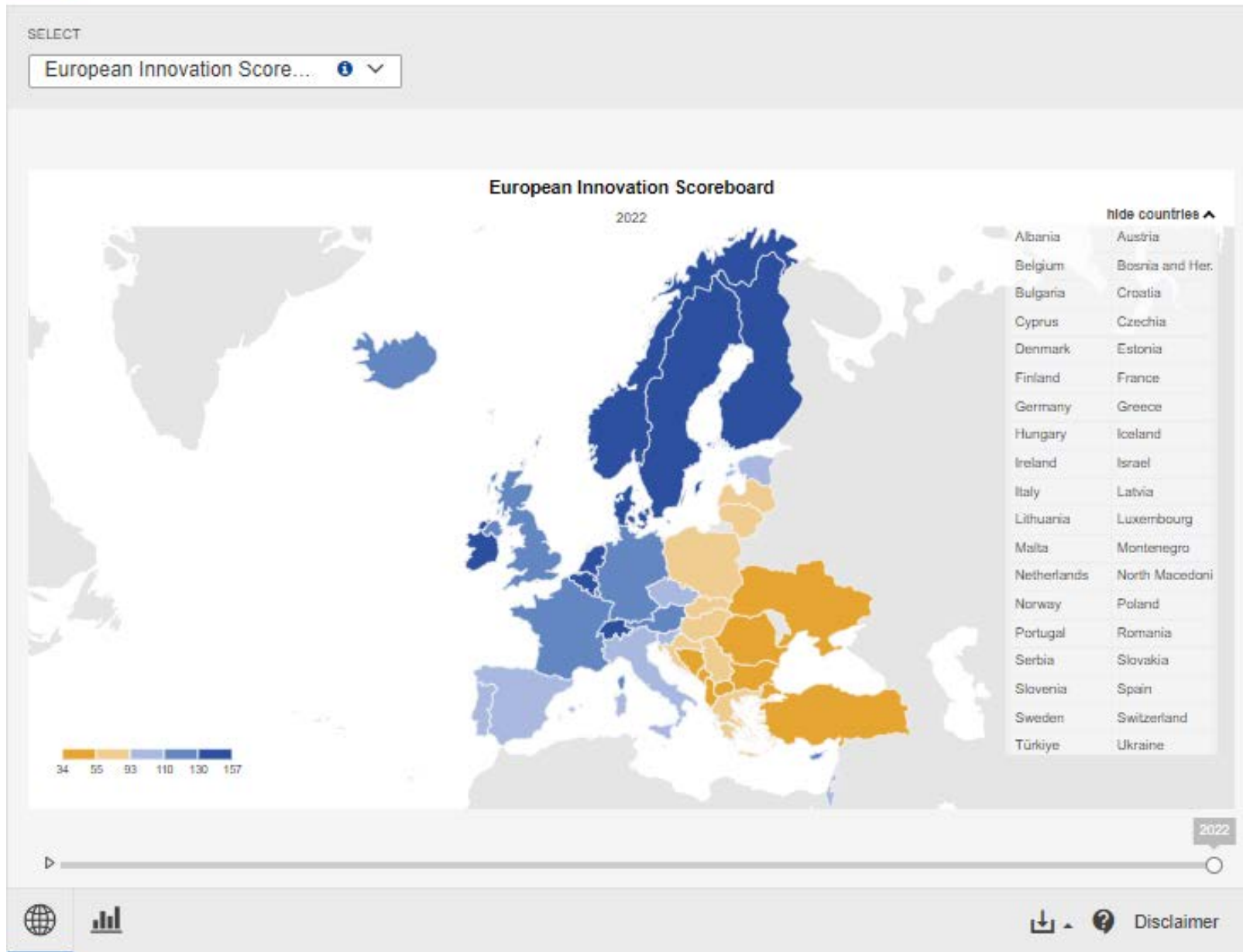


Your Head of Unit is taking part in a panel discussion on “Why measuring **innovation** matters for the EU” during the European Research & Innovation Days. Please prepare an overview on the state of play of innovation measures and quote relevant figures on how the EU is doing on innovation.

GOAL 9: Industry, Innovation and Infrastructure

Indices and scoreboards (34)

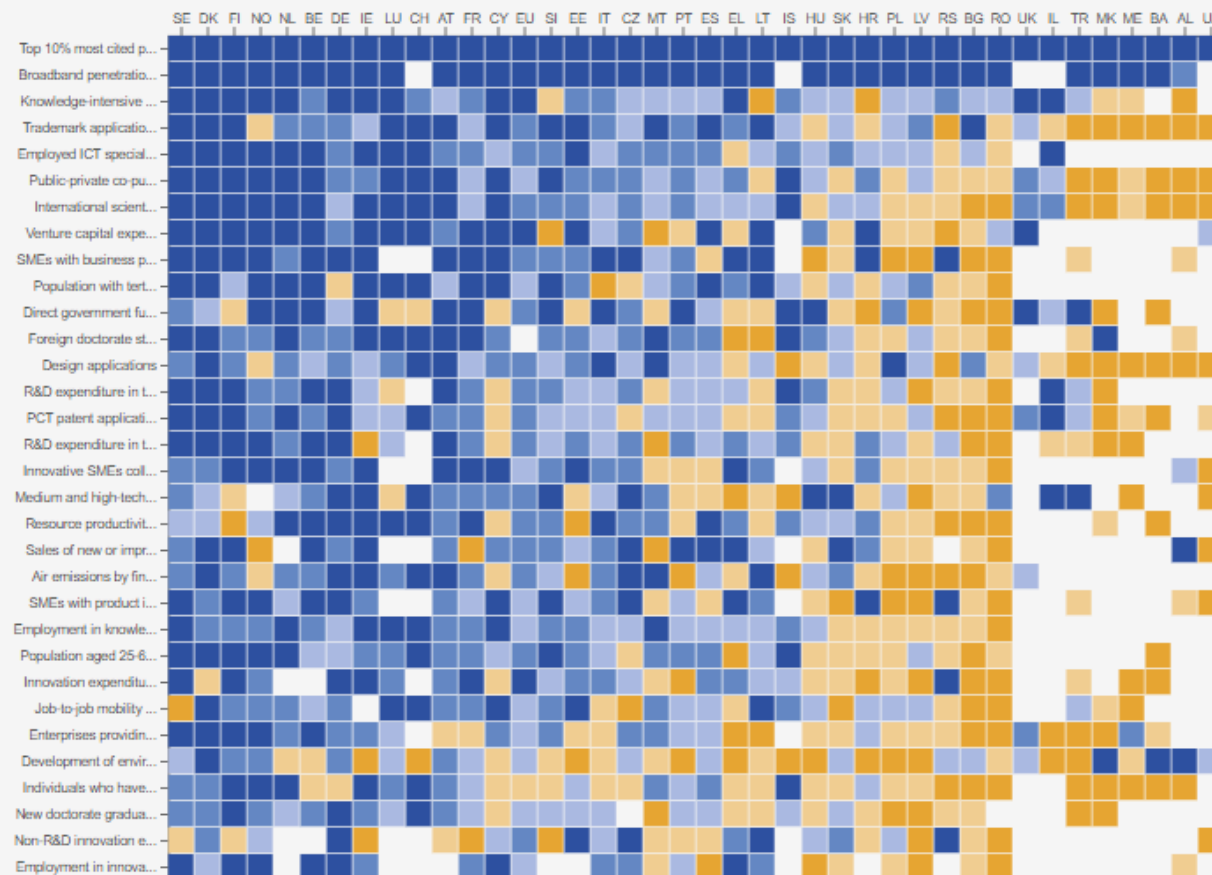




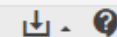
2022

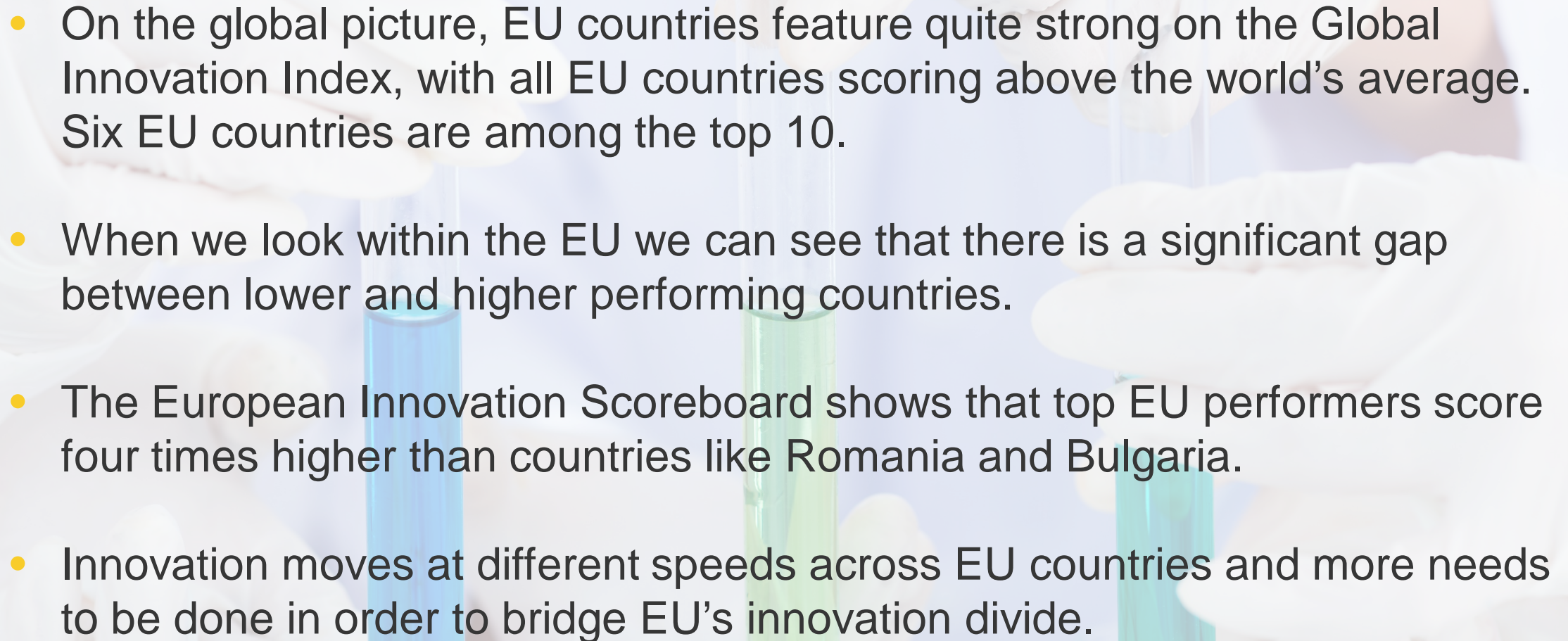


European Innovation Scoreboard



Doing worse Doing better



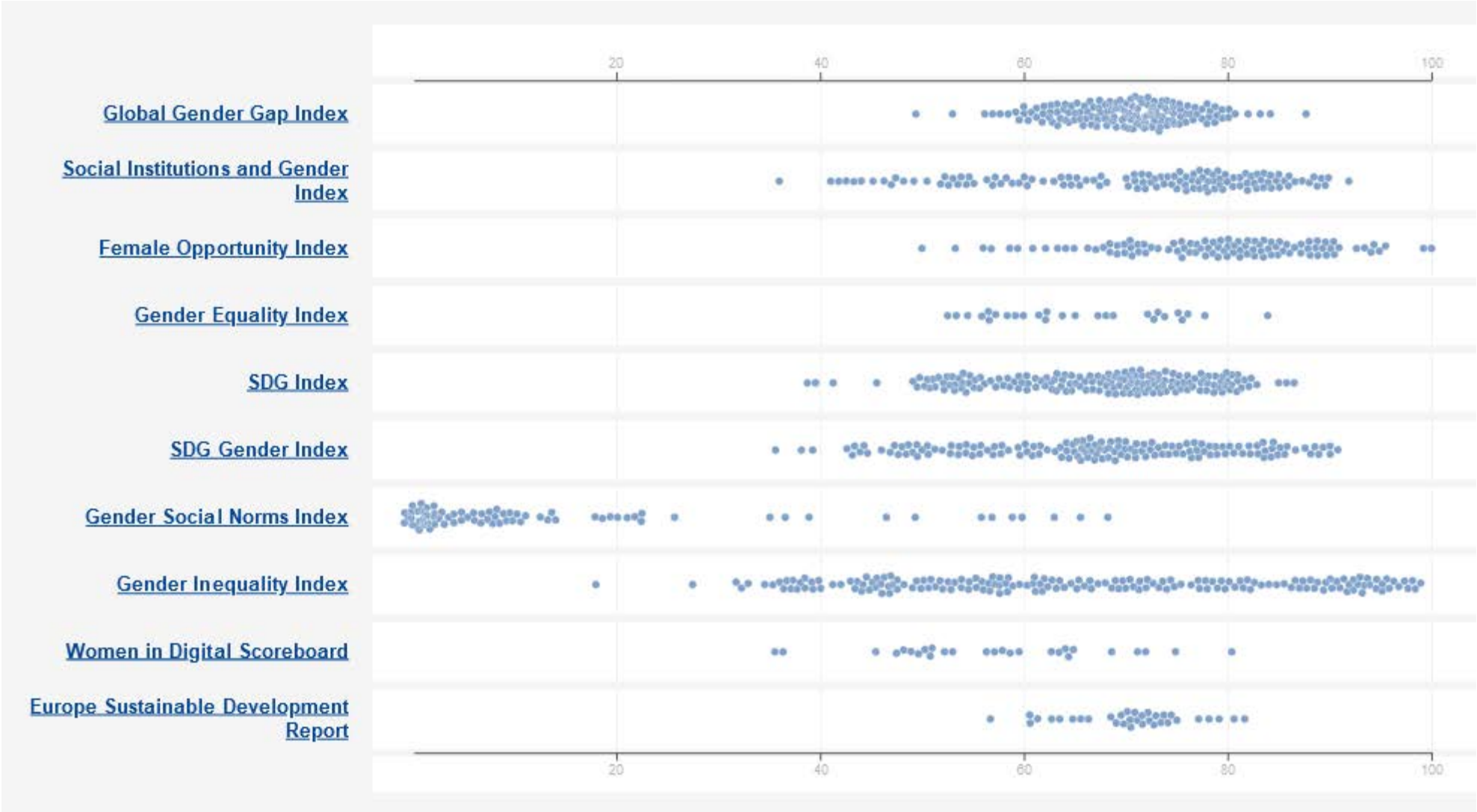
- 
- The background of the slide features a close-up of several pairs of hands wearing white latex gloves. These hands are holding multiple glass test tubes. Some of the test tubes contain liquids of different colors: one has a bright blue liquid, another has a light green liquid, and a third has a darker green liquid. The hands are positioned as if they are carefully examining or mixing the contents of the tubes. The overall scene suggests a laboratory or scientific setting.
- On the global picture, EU countries feature quite strong on the Global Innovation Index, with all EU countries scoring above the world's average. Six EU countries are among the top 10.
 - When we look within the EU we can see that there is a significant gap between lower and higher performing countries.
 - The European Innovation Scoreboard shows that top EU performers score four times higher than countries like Romania and Bulgaria.
 - Innovation moves at different speeds across EU countries and more needs to be done in order to bridge EU's innovation divide.



A group of stakeholders is proposing to create a new composite indicator to measure **gender equality** in the EU. The Commission is conveying an expert group meeting to discuss this topic, in which your Director will participate. Please prepare a background note on the state of play of gender-related composite indicators and provide insights on the interlinkages between them.

GOAL 5: Gender Equality

Indices and scoreboards (14)

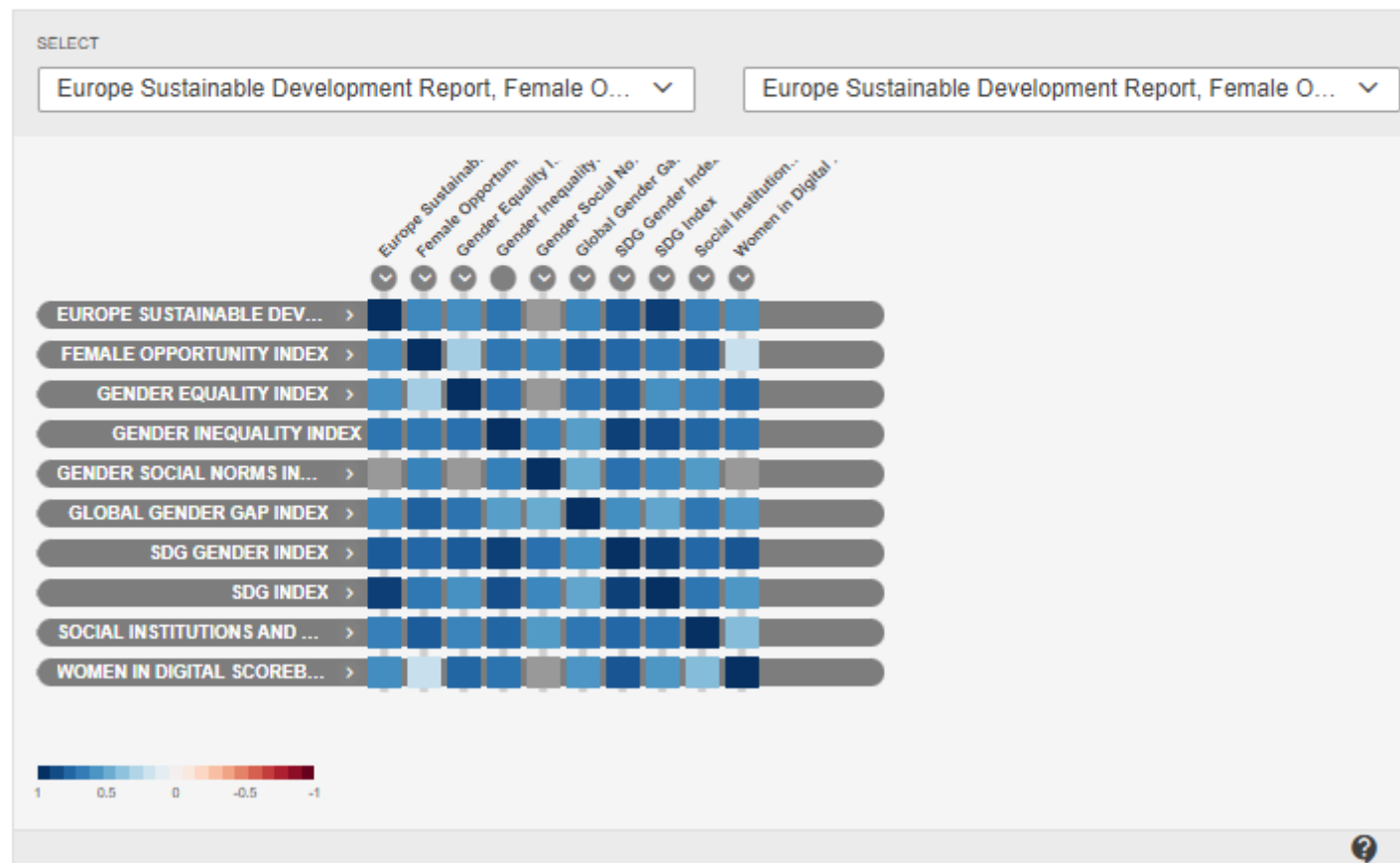


Synergies and trade-offs

Correlation matrix

Scatter plot

Discover the interlinkages between different indicator frameworks by selecting an index of your choice and then any other indices you wish to explore. The correlation matrix will show you the strength of relationship between them.

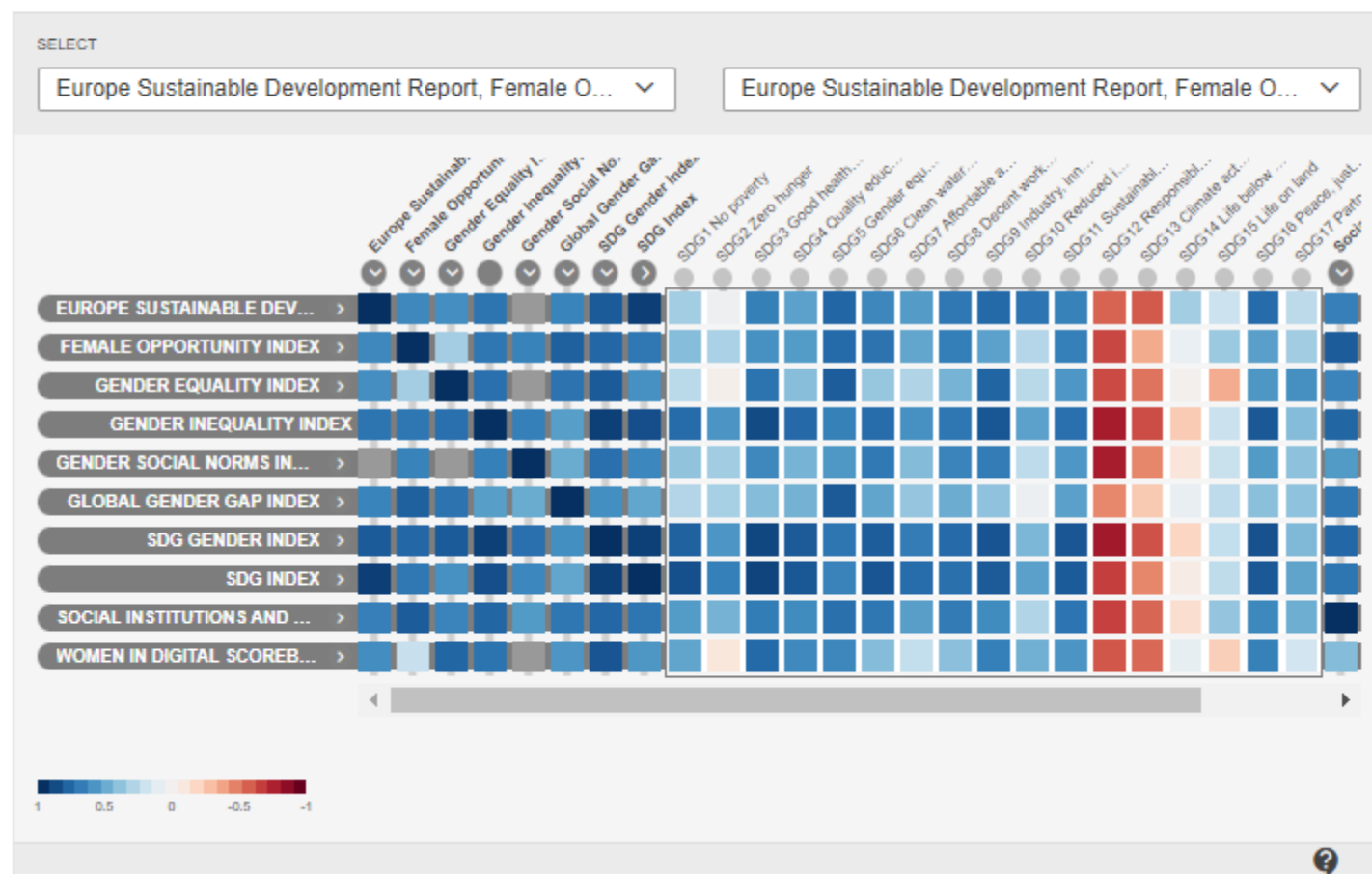



Synergies and trade-offs

Correlation matrix

Scatter plot

Discover the interlinkages between different indicator frameworks by selecting an index of your choice and then any other indices you wish to explore. The correlation matrix will show you the strength of relationship between them.



- 
- A person with long blonde hair, wearing a dark jacket and light-colored pants, is sitting on a large, dark rock. They are looking out over a vast, hazy landscape under a bright, warm sky, suggesting a sunset or sunrise. The person's legs are crossed, and they are wearing colorful sneakers. The overall mood is contemplative and serene.
- In the Explorer, we can find 14 gender-related indices and scoreboards. Five of them developed by EU institutions, including one index at regional level.
 - By looking at the correlation between some of these indices we see that there is a good agreement between this group of gender frameworks, which can potentially be due to a common choice of indicators or related aspects.
 - If a new composite indicator is to be developed then it should offer alternative views that are not yet captured by existing ones.

Thank you

Start exploring: <https://ec.europa.eu/scoreboards-explorer>

Get in touch: jrc-explorer@ec.europa.eu



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