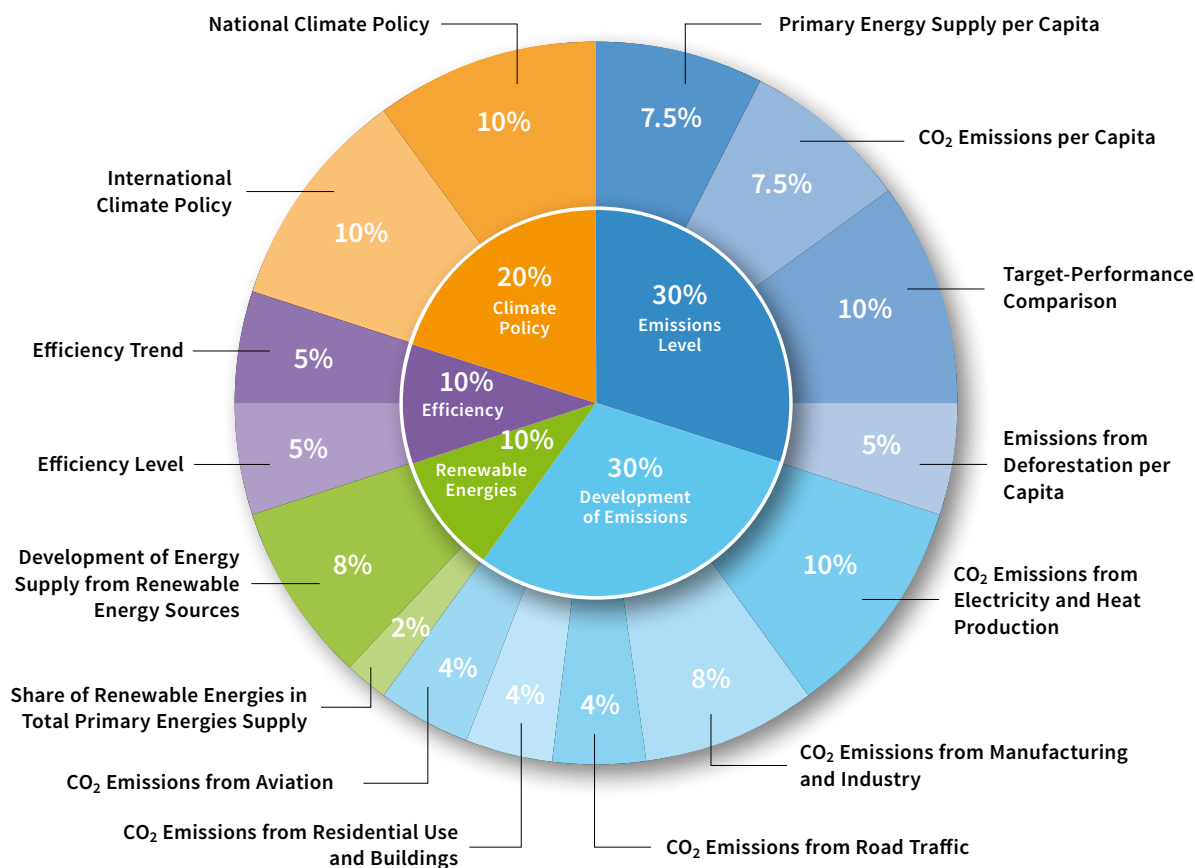


Climate Change Performance Index 2016

Components



Components of the CCPI



Climate Change Performance Index 2016 • Overall Results



Overall Results

Rank	Country	Score**	
1*	–		
2*	–		
3*	–		
4	– Denmark	71.19	
5	▲ United Kingdom	70.13	
6	▼ Sweden	69.91	
7	– Belgium	68.73	
8	▲ France	65.97	
9	▼ Cyprus	65.12	
10	▲ Morocco	63.76	
11	▲ Italy	62.98	
12	– Ireland	62.65	
13	▲ Luxembourg	62.47	
14	▼ Switzerland	62.09	
15	▲ Malta	61.82	
16	▲ Latvia	61.38	
17	▼ Hungary	60.76	
18	▲ Romania	60.39	
19	▼ Portugal	59.52	
20	▼ Lithuania	58.65	
21	▲ Croatia	58.43	
22	▲ Germany	58.39	
23	▲ Finland	58.27	
24	▲ Indonesia	58.21	
25	▲ India	58.19	
26	▼ Slovak Republic	57.83	
27	▼ Iceland	57.25	
28	▼ Mexico	57.04	
29	▼ Czech Republic	57.03	
30	▼ Egypt	56.96	
31	▼ Slovenia	56.87	

└ comparison with previous year

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Rank	Country	Score**	
32	▲ Poland	56.09	
33	▲ Greece	55.06	
34	▲ United States	54.91	
35	▲ Netherlands	54.84	
36	▼ Norway	54.65	
37	▲ Bulgaria	53.85	
38	▼ South Africa	53.76	
39	▲ Malaysia	53.49	
40	▲ Algeria	53.30	
41	▼ Spain	52.63	
42	▼ New Zealand	52.41	
43	– Brazil	51.90	
44	▼ Belarus	51.18	
45	▼ Austria	50.69	
46	▼ Ukraine	49.81	
47	▲ China	48.60	
48	– Argentina	48.34	
49	▼ Thailand	48.16	
50	▲ Turkey	47.25	
51	▼ Estonia	47.24	
52	▲ Chinese Taipei	45.45	
53	▼ Russian Federation	44.34	
54	▲ Islamic Rep. of Iran	43.33	
55	▲ Singapore	42.81	
56	▲ Canada	38.74	
57	▼ Korea	37.64	
58	▼ Japan	37.23	
59	▲ Australia	36.56	
60	▼ Kazakhstan	32.97	
61	– Saudi Arabia	21.08	

└ comparison with previous year

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Index Categories

- **Emissions Level**
(30% weighting)
- **Development of Emissions**
(30% weighting)
- **Renewable Energies**
(10% weighting)
- **Efficiency**
(10% weighting)
- **Climate Policy**
(20% weighting)

Rating

- Very good
- Good
- Moderate
- Poor
- Very poor

* None of the countries achieved positions one to three.
No country is doing enough to prevent dangerous climate change.

** rounded

Climate Change Performance Index 2016

10 Largest CO₂ Emitters



Key Data for the 10 Largest CO₂ Emitters

Country	CCPI Rank		Share of Global GDP	Share of World Population	Share of Global CO ₂ Emissions*	Share of Global Primary Energy Supply
	2016	2015				
Germany	22	25	3.40%	1.15%	2.36%	2.35%
India	25	31	6.77%	17.56%	5.81%	5.73%
United States	34	46	16.74%	4.45%	15.90%	16.16%
China	47	50	16.51%	19.21%	28.03%	22.33%
Russian Federation	53	52	2.56%	2.01%	4.79%	5.40%
Islamic Republic of Iran	54	57	1.21%	1.09%	1.63%	1.69%
Canada	56	58	1.54%	0.49%	1.67%	1.87%
Korea	57	53	1.80%	0.71%	1.78%	1.95%
Japan	58	55	4.71%	1.79%	3.84%	3.36%
Saudi Arabia	61	61	1.55%	0.41%	1.47%	1.42%
Total			56.79%	48.86%	67.28%	62.24%

*energy-related emissions

© Germanwatch 2015

Performance ■ Very good ■ Good ■ Moderate ■ Poor ■ Very poor

Climate Change Performance Index 2016 by Country Group – A



Table 2: Climate Change Performance Index for OECD Member Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
4	Denmark	71.19	22	Germany	58.39	36	Norway	54.65
5	United Kingdom	70.13	23	Finland	58.27	41	Spain	52.63
6	Sweden	69.91	26	Slovak Republic	57.83	42	New Zealand	52.41
7	Belgium	68.73	27	Iceland	57.25	45	Austria	50.69
8	France	65.97	28	Mexico	57.04	50	Turkey	47.25
11	Italy	62.98	29	Czech Republic	57.03	51	Estonia	47.24
12	Ireland	62.65	31	Slovenia	56.87	56	Canada	38.74
13	Luxembourg	62.47	32	Poland	56.09	57	Korea	37.64
14	Switzerland	62.09	33	Greece	55.06	58	Japan	37.23
17	Hungary	60.76	34	United States	54.91	59	Australia	36.56
19	Portugal	59.52	35	Netherlands	54.84			

© Germanwatch 2015

Climate Change Performance Index for EU Member Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
4	Denmark	71.19	16	Latvia	61.38	31	Slovenia	56.87
5	United Kingdom	70.13	17	Hungary	60.76	32	Poland	56.09
6	Sweden	69.91	18	Romania	60.39	33	Greece	55.06
7	Belgium	68.73	19	Portugal	59.52	35	Netherlands	54.84
8	France	65.97	20	Lithuania	58.65	37	Bulgaria	53.85
9	Cyprus	65.12	21	Croatia	58.43	41	Spain	52.63
11	Italy	62.98	22	Germany	58.39	45	Austria	50.69
12	Ireland	62.65	23	Finland	58.27	51	Estonia	47.24
13	Luxembourg	62.47	26	Slovak Republic	57.83			
15	Malta	61.82	29	Czech Republic	57.03			

© Germanwatch 2015

Performance ■ Very good ■ Good ■ Moderate ■ Poor ■ Very poor

Climate Change Performance Index 2016 by Country Group – B



Climate Change Performance Index for G7 Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
5	United Kingdom	70.13	22	Germany	58.39	58	Japan	37.23
8	France	65.97	34	United States	54.91			
11	Italy	62.98	56	Canada	38.74			

© Germanwatch 2015

Climate Change Performance Index for Countries in Transition

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
16	Latvia	61.38	26	Slovak Republic	57.83	44	Belarus	51.18
17	Hungary	60.76	29	Czech Republic	57.03	46	Ukraine	49.81
18	Romania	60.39	31	Slovenia	56.87	51	Estonia	47.24
20	Lithuania	58.65	32	Poland	56.09	53	Russian Federation	44.34
21	Croatia	58.43	37	Bulgaria	53.85	60	Kazakhstan	32.97

© Germanwatch 2015

Climate Change Performance Index for Newly Industrialised Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
10	Morocco	63.76	39	Malaysia	53.49	50	Turkey	47.25
24	Indonesia	58.21	40	Algeria	53.30	52	Chinese Taipei	45.45
25	India	58.19	43	Brazil	51.90	55	Singapore	42.81
28	Mexico	57.04	47	China	48.60	57	Korea	37.64
30	Egypt	56.96	48	Argentina	48.34			
38	South Africa	53.76	49	Thailand	48.16			

© Germanwatch 2015

Performance ■ Very good ■ Good ■ Moderate ■ Poor ■ Very poor

Climate Change Performance Index 2016

Key data • all CCPI Countries



Annex: Key Data for all Countries Covered by the CCPI

Country	CCPI Rank*		Share of Global GDP	Share of World Population	Share of Global CO ₂ Emissions**	Share of Global Primary Energy Supply
	2016	2015				
Denmark	4	4	0.21%	0.08%	0.12%	0.13%
United Kingdom	5	6	2.58%	0.90%	1.39%	1.41%
Sweden	6	5	0.40%	0.13%	0.12%	0.36%
Belgium	7	7	0.44%	0.16%	0.28%	0.42%
France	8	14	2.37%	0.93%	0.98%	1.87%
Cyprus	9	8	0.02%	0.01%	0.02%	0.01%
Morocco	10	11	0.24%	0.46%	0.16%	0.14%
Italy	11	16	1.89%	0.85%	1.05%	1.15%
Ireland	12	12	0.20%	0.06%	0.11%	0.10%
Luxembourg	13	27	0.04%	0.01%	0.03%	0.03%
Switzerland	14	10	0.39%	0.11%	0.13%	0.20%
Malta	15	22	0.01%	0.01%	0.01%	0.01%
Latvia	16	28	0.04%	0.03%	0.02%	0.03%
Hungary	17	15	0.20%	0.14%	0.12%	0.17%
Romania	18	20	0.29%	0.28%	0.21%	0.23%
Portugal	19	9	0.26%	0.15%	0.14%	0.16%
Lithuania	20	18	0.07%	0.04%	0.03%	0.05%
Croatia	21	33	0.08%	0.06%	0.05%	0.06%
Germany	22	25	3.40%	1.15%	2.36%	2.35%
Finland	23	30	0.20%	0.08%	0.15%	0.24%
Indonesia	24	26	2.38%	3.51%	1.32%	1.58%
India	25	31	6.77%	17.56%	5.81%	5.73%
Slovak Republic	26	17	0.14%	0.08%	0.10%	0.13%
Iceland	27	13	0.01%	0.00%	0.01%	0.04%
Mexico	28	19	1.85%	1.66%	1.40%	1.41%
Czech Republic	29	23	0.30%	0.15%	0.31%	0.31%
Egypt	30	24	0.91%	1.15%	0.57%	0.57%
Slovenia	31	21	0.06%	0.03%	0.04%	0.05%
Poland	32	42	0.83%	0.54%	0.91%	0.72%
Greece	33	34	0.26%	0.15%	0.21%	0.17%
United States	34	46	16.74%	4.45%	15.90%	16.16%
Netherlands	35	40	0.75%	0.24%	0.49%	0.57%
Norway	36	32	0.28%	0.07%	0.11%	0.24%
Bulgaria	37	44	0.11%	0.10%	0.12%	0.12%
South Africa	38	37	0.68%	0.75%	1.31%	1.04%
Malaysia	39	49	0.69%	0.42%	0.64%	0.66%
Algeria	40	41	0.52%	0.55%	0.35%	0.35%
Spain	41	29	1.43%	0.65%	0.73%	0.86%
New Zealand	42	35	0.14%	0.06%	0.10%	0.14%
Brazil	43	43	3.01%	2.81%	1.41%	2.17%
Belarus	44	36	0.17%	0.13%	0.18%	0.20%
Austria	45	39	0.37%	0.12%	0.20%	0.25%
Ukraine	46	38	0.40%	0.64%	0.82%	0.86%
China	47	50	16.51%	19.21%	28.03%	22.33%
Argentina	48	48	0.77%	0.58%	0.57%	0.60%
Thailand	49	45	0.96%	0.94%	0.77%	0.99%
Turkey	50	51	1.23%	1.06%	0.88%	0.86%
Estonia	51	47	0.03%	0.02%	0.06%	0.04%
Chinese Taipei	52	54	0.93%	0.33%	0.77%	0.80%
Russian Federation	53	52	2.56%	2.01%	4.79%	5.40%
Islamic Republic of Iran	54	57	1.21%	1.09%	1.63%	1.69%
Singapore	55	56	0.42%	0.08%	0.14%	0.19%
Canada	56	58	1.54%	0.49%	1.67%	1.87%
Korea	57	53	1.80%	0.71%	1.78%	1.95%
Japan	58	55	4.71%	1.79%	3.84%	3.36%
Australia	59	60	1.04%	0.33%	1.21%	0.95%
Kazakhstan	60	59	0.39%	0.24%	0.76%	0.60%
Saudi Arabia	61	61	1.55%	0.41%	1.47%	1.42%
			87.78%	70.75%	88.90%	86.50%

* The underlying data that is provided by the International Energy Agency has been changed retrospectively. That influences the comparability of the results between the different Index years. This year the data changes mostly affected Australia, China and Thailand.

** energy-related emissions

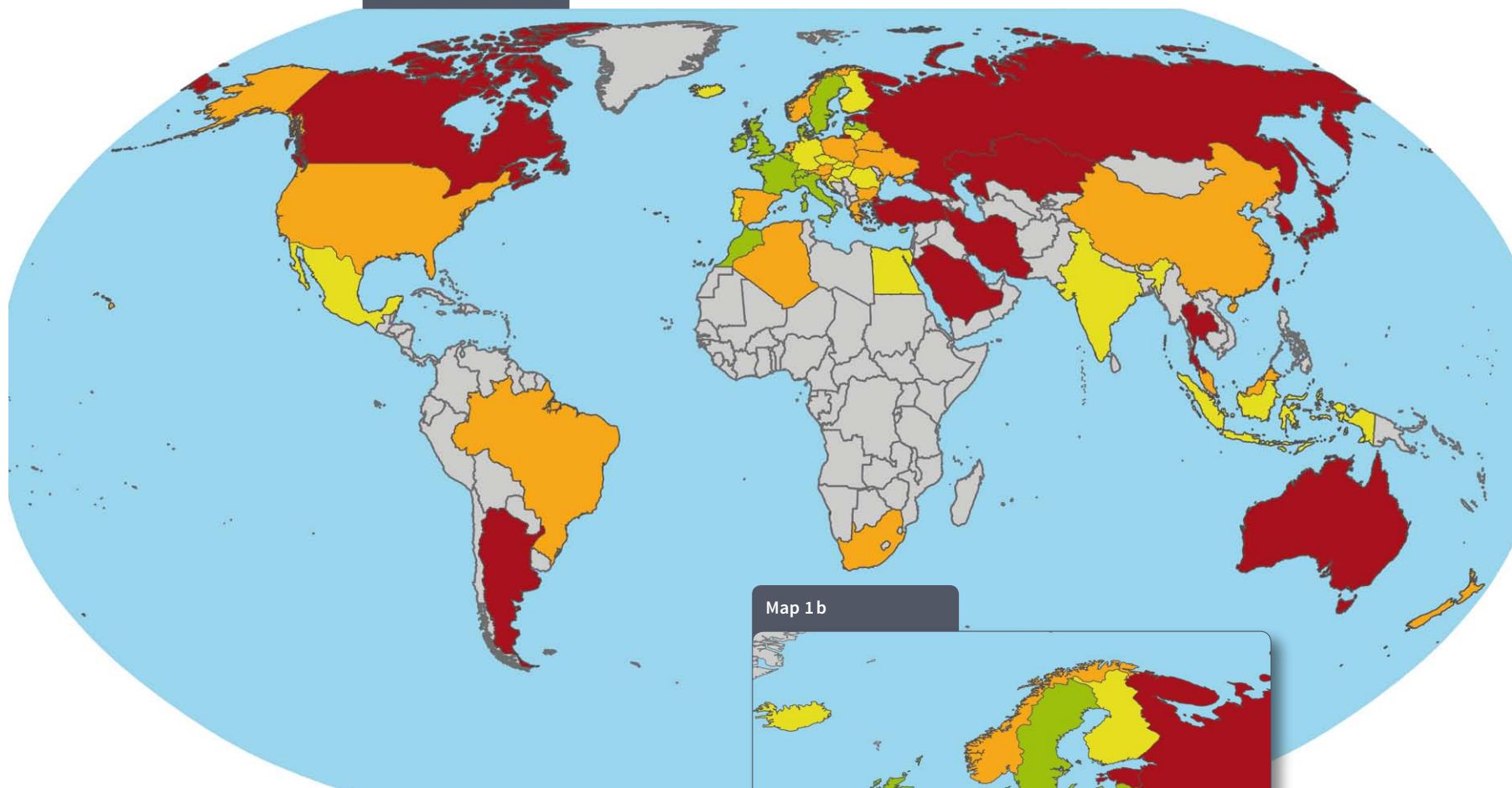
© Germanwatch 2015

Performance

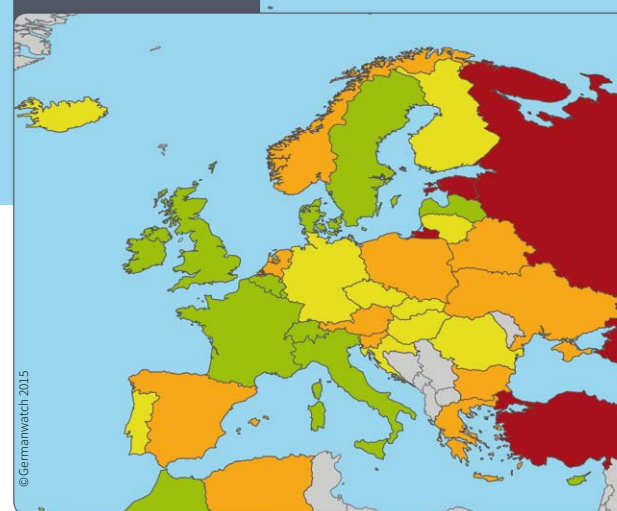
Very good
 Good
 Moderate
 Poor
 Very poor

CCPI 2016 • Overall Results • World Map

Map 1a



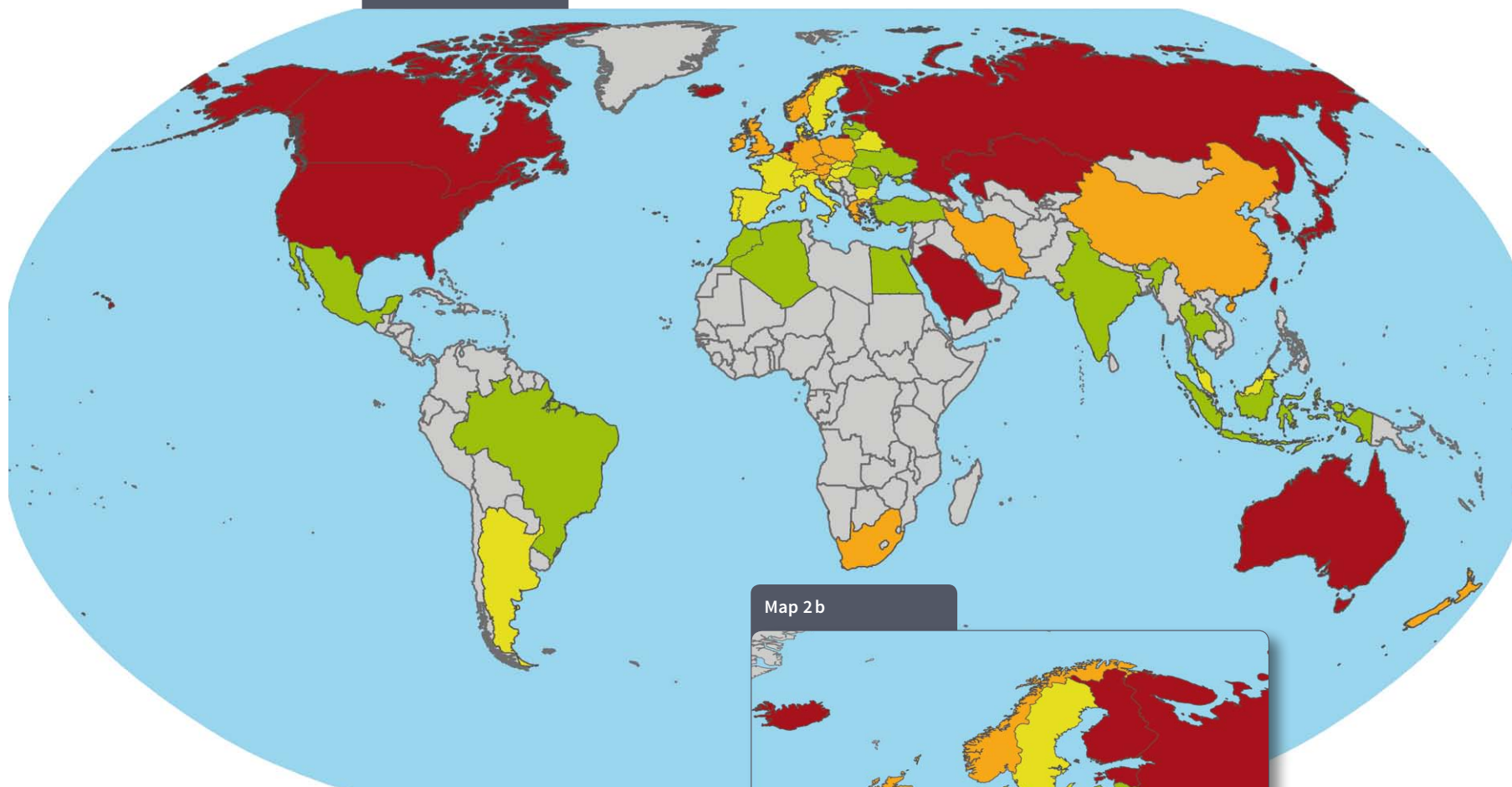
Map 1b



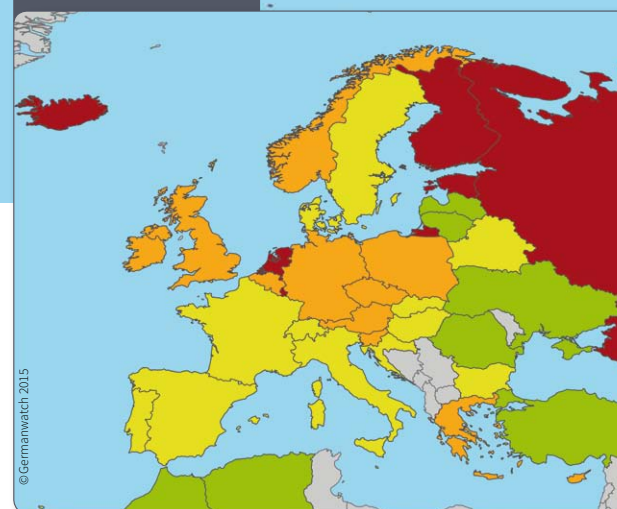
Performance

Very good
Good
Moderate
Poor
Very poor
Not included in assessment

Map 2a



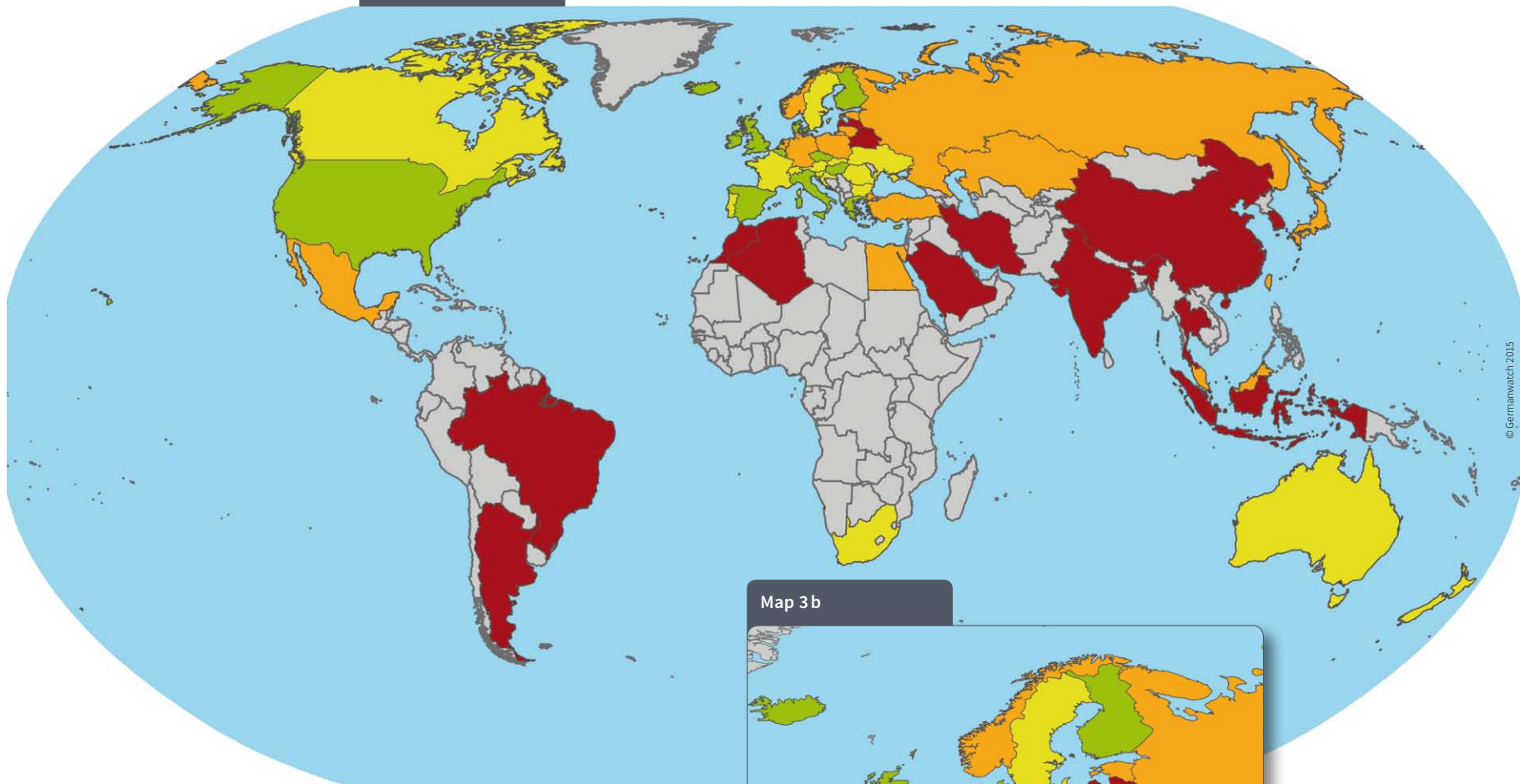
Map 2b



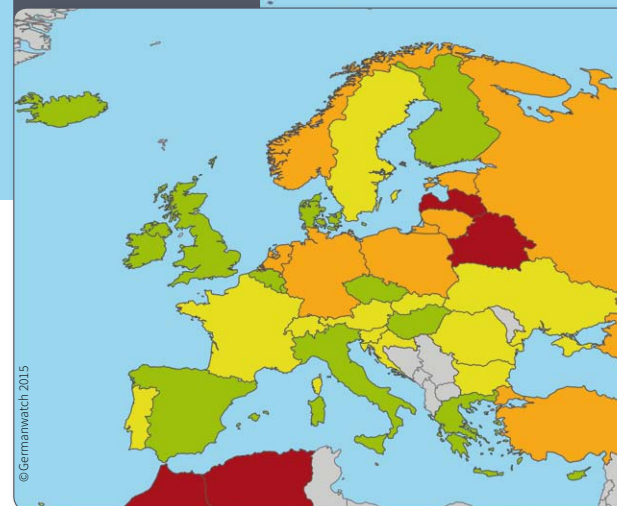
Performance

- Very good
- Good
- Moderate
- Poor
- Very poor
- Not included in assessment

Map 3a



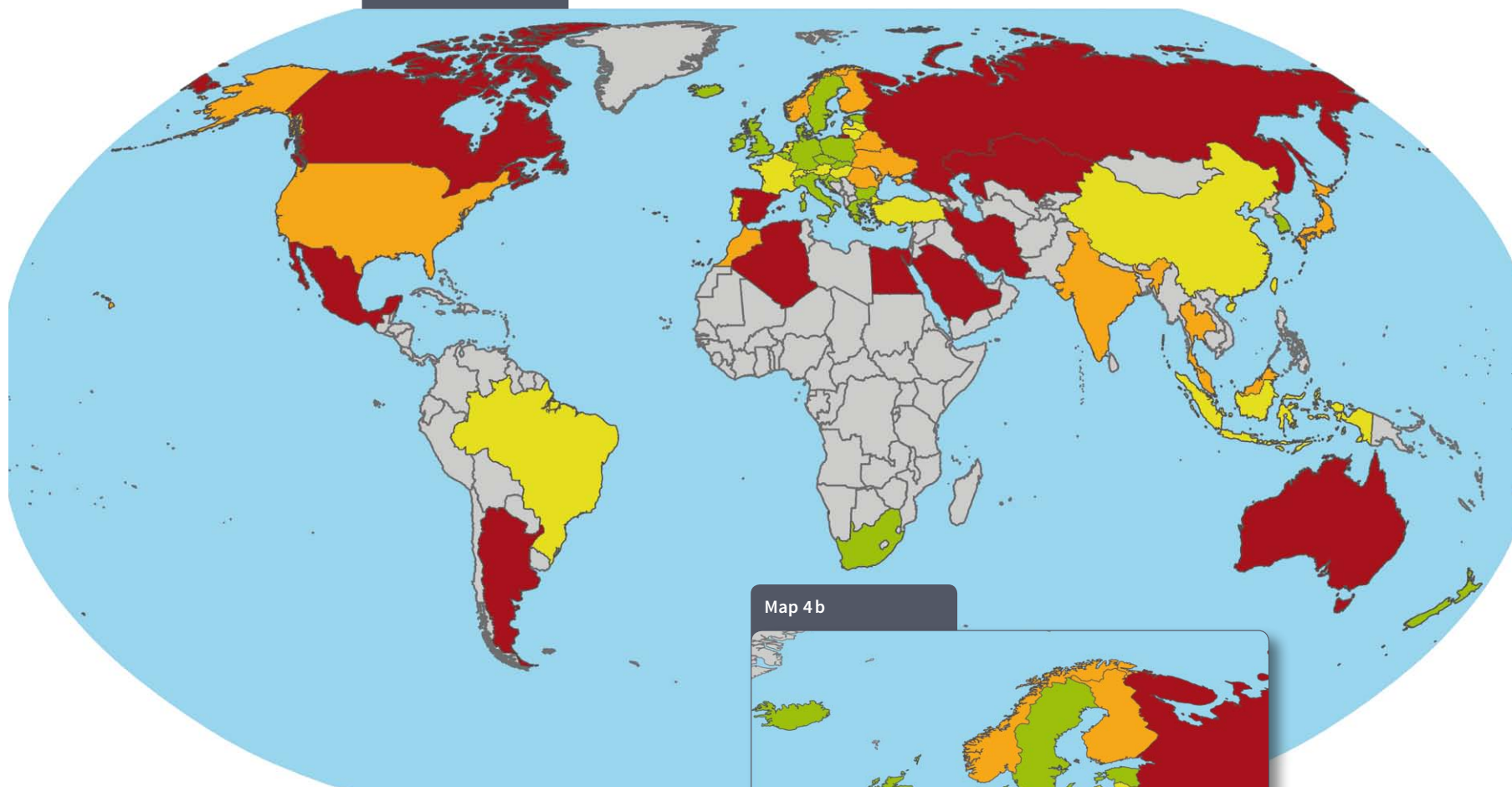
Map 3b



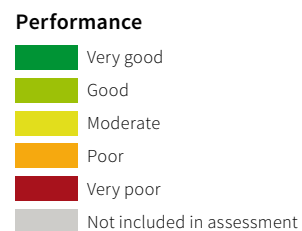
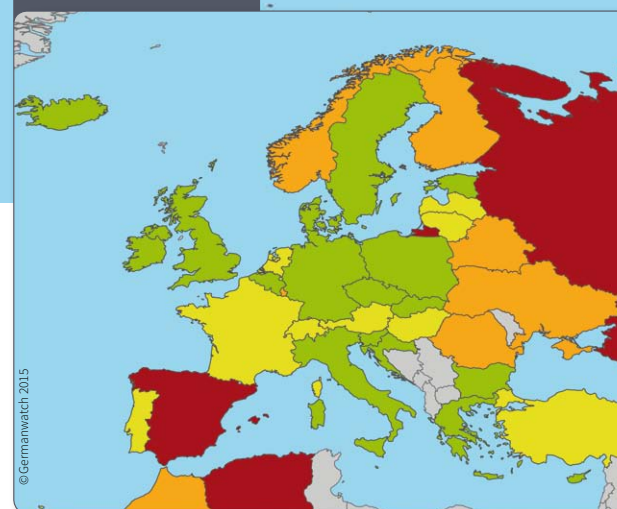
Performance

- Very good
- Good
- Moderate
- Poor
- Very poor
- Not included in assessment

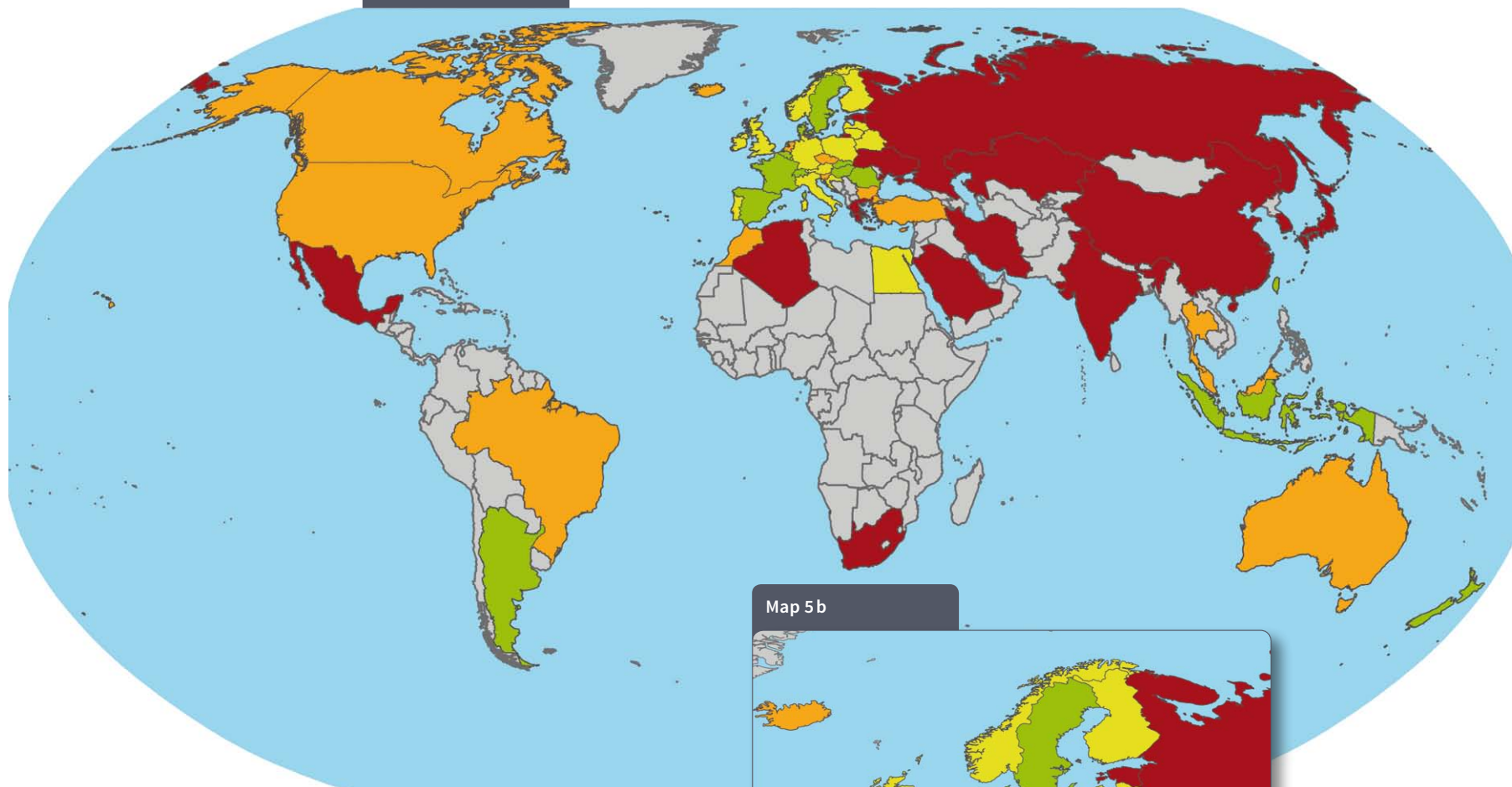
Map 4a



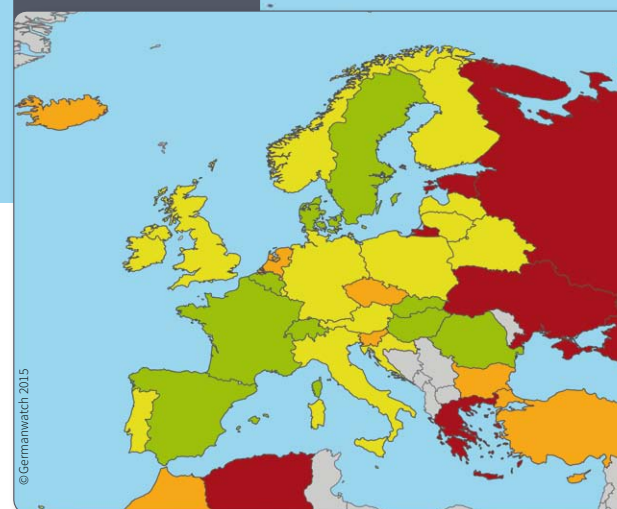
Map 4b



Map 5a



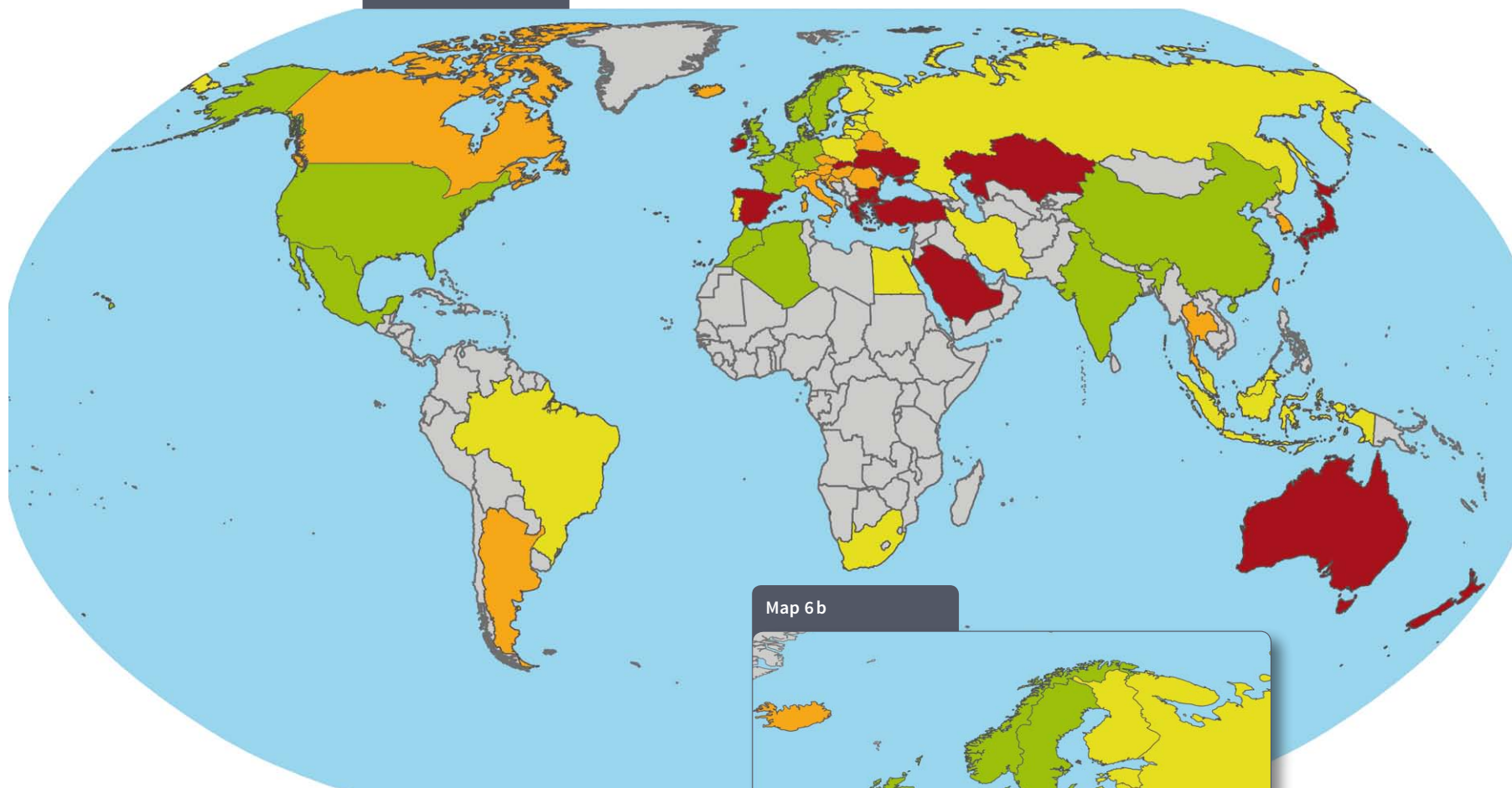
Map 5b



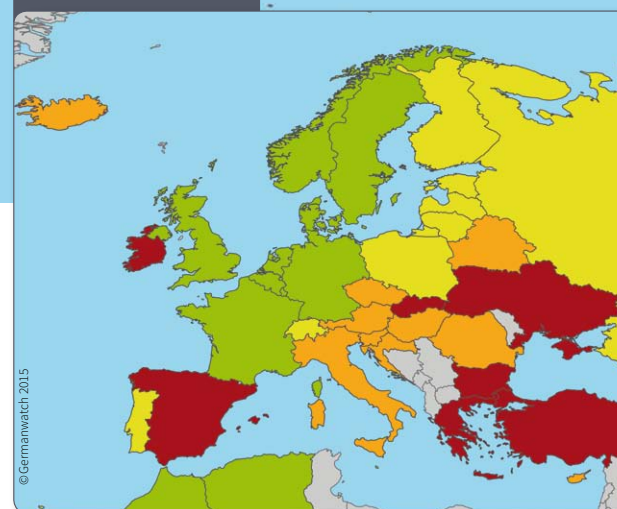
Performance

- Very good
- Good
- Moderate
- Poor
- Very poor
- Not included in assessment

Map 6a



Map 6b



Performance

- Very good
- Good
- Moderate
- Poor
- Very poor
- Not included in assessment