

# OVERALL RESULTS

## CLIMATE CHANGE PERFORMANCE INDEX 2009



Table 1

CCPI Rank	Country	Score**	Partial Score		
			Trend	Level	Policy
1*	-	-			
2*	-	-			
3*	-	-			
4	Sweden	66.7			
5	Germany	65.3			
6	France	62.2			
7	India	62.1			
8	Brazil	61.4			
9	United Kingdom	60.6			
10	Denmark	60.6			
11	Norway	60.5			
12	Hungary	60.5			
13	Iceland	59.9			
14	Mexico	59.1			
15	Portugal	58.8			
16	Switzerland	58.2			
17	Argentina	57.1			
18	Lithuania	56.2			
19	Latvia	56.1			
20	Morocco	55.8			

\*\* rounded © Germanwatch 2008

CCPI Rank	Country	Score**	Partial Score		
			Trend	Level	Policy
21	Ireland	55.6			
22	Slovak Republic	55.3			
23	Malta	55.1			
24	Czech Republic	55.0			
25	Belgium	55.0			
26	Algeria	54.6			
27	Indonesia	53.8			
28	Spain	53.2			
29	Bulgaria	52.6			
30	Croatia	51.7			
31	Estonia	51.5			
32	Taiwan / China	51.5			
33	Netherlands	51.4			
34	South Africa	51.2			
35	Thailand	50.2			
36	Turkey	49.8			
37	Belarus	49.8			
38	Singapore	49.5			
39	Iran, Islamic Rep.	48.6			
40	Slovenia	48.1			

\*\* rounded © Germanwatch 2008

CCPI Rank	Country	Score**	Partial Score		
			Trend	Level	Policy
41	Korea, Rep.	48.1			
42	Romania	47.5			
43	Japan	47.1			
44	Italy	47.1			
45	Poland	46.9			
46	New Zealand	46.2			
47	Ukraine	46.1			
48	Finland	46.1			
49	China	45.9			
50	Austria	45.0			
51	Greece	44.7			
52	Malaysia	44.3			
53	Cyprus	43.2			
54	Russia	42.6			
55	Australia	41.7			
56	Kazakhstan	40.6			
57	Luxembourg	40.4			
58	United States	39.8			
59	Canada	38.9			
60	Saudi Arabia	32.8			

\*\* rounded © Germanwatch 2008

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

Emissions Trend (50% weighting) Emissions Level (30% weighting) Climate Policy (20% weighting)

# OVERALL RESULTS

## CLIMATE CHANGE PERFORMANCE INDEX 2009



Table 2:  
Index ranking of the 10 largest CO<sub>2</sub> emitters

Country	Share of Global CO <sub>2</sub> Emissions*	CCPI Rank 2009 (2008)**	
Germany	2.94 %	5	(5)
India	4.46 %	7	(8)
United Kingdom	1.92 %	9	(10)
Korea, Rep.	1.70 %	41	(54)
Japan	4.33 %	43	(45)
Italy	1.60 %	44	(44)
China	20.02 %	49	(43)
Russia	5.67 %	54	(53)
USA	20.34 %	58	(58)
Canada	1.92 %	59	(56)

\* energy related

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\*\*calculated with the most recent method

Table 3:  
Key Data for the 10 Largest CO<sub>2</sub> Emitters

Country	CCPI Rank 2009 (2008)*		Share of Global CO <sub>2</sub> Emissions**	Share of Global Primary Energy Supply	Share of Global GDP	Share of Global Population
Germany	5	(5)	2.94%	2.97%	3.92%	1.26%
India	7	(8)	4.46%	4.82%	6.38%	16.98%
United Kingdom	9	(10)	1.92%	1.97%	3.04%	0.93%
Korea, Rep.	41	(54)	1.70%	1.84%	1.76%	0.74%
Japan	43	(45)	4.33%	4.49%	6.15%	1.95%
Italy	44	(44)	1.60%	1.57%	2.67%	0.90%
China	49	(43)	20.02%	16.00%	15.09%	20.07%
Russia	54	(53)	5.67%	5.76%	2.56%	2.18%
USA	58	(58)	20.34%	19.77%	19.57%	4.59%
Canada	59	(56)	1.92%	2.30%	1.77%	0.50%
Total			64.96%	61.49%	62.91%	50.10%

\*calculated with the most recent method \*\*energy related

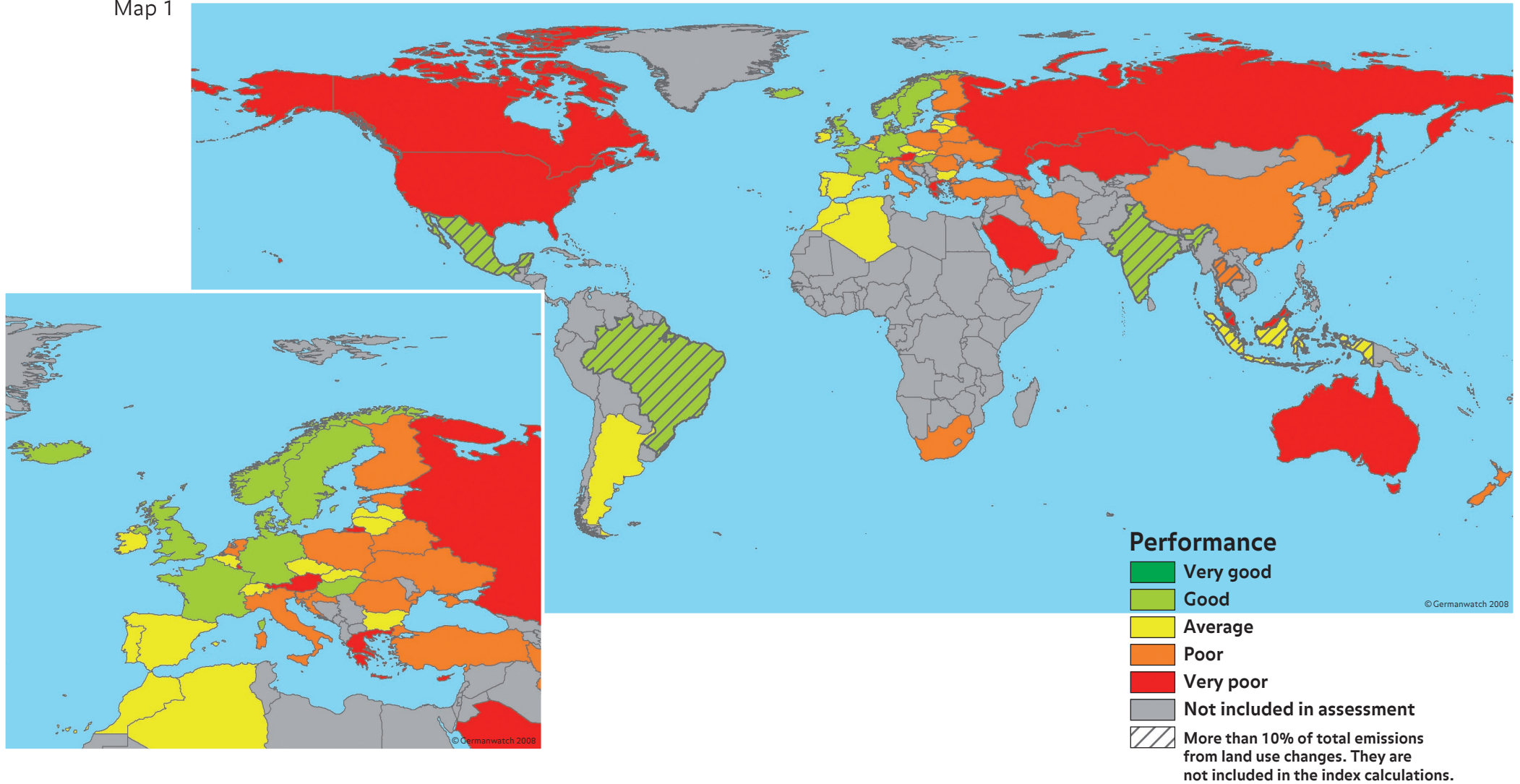
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# OVERALL RESULTS

## CCPI WORLD MAP



Map 1

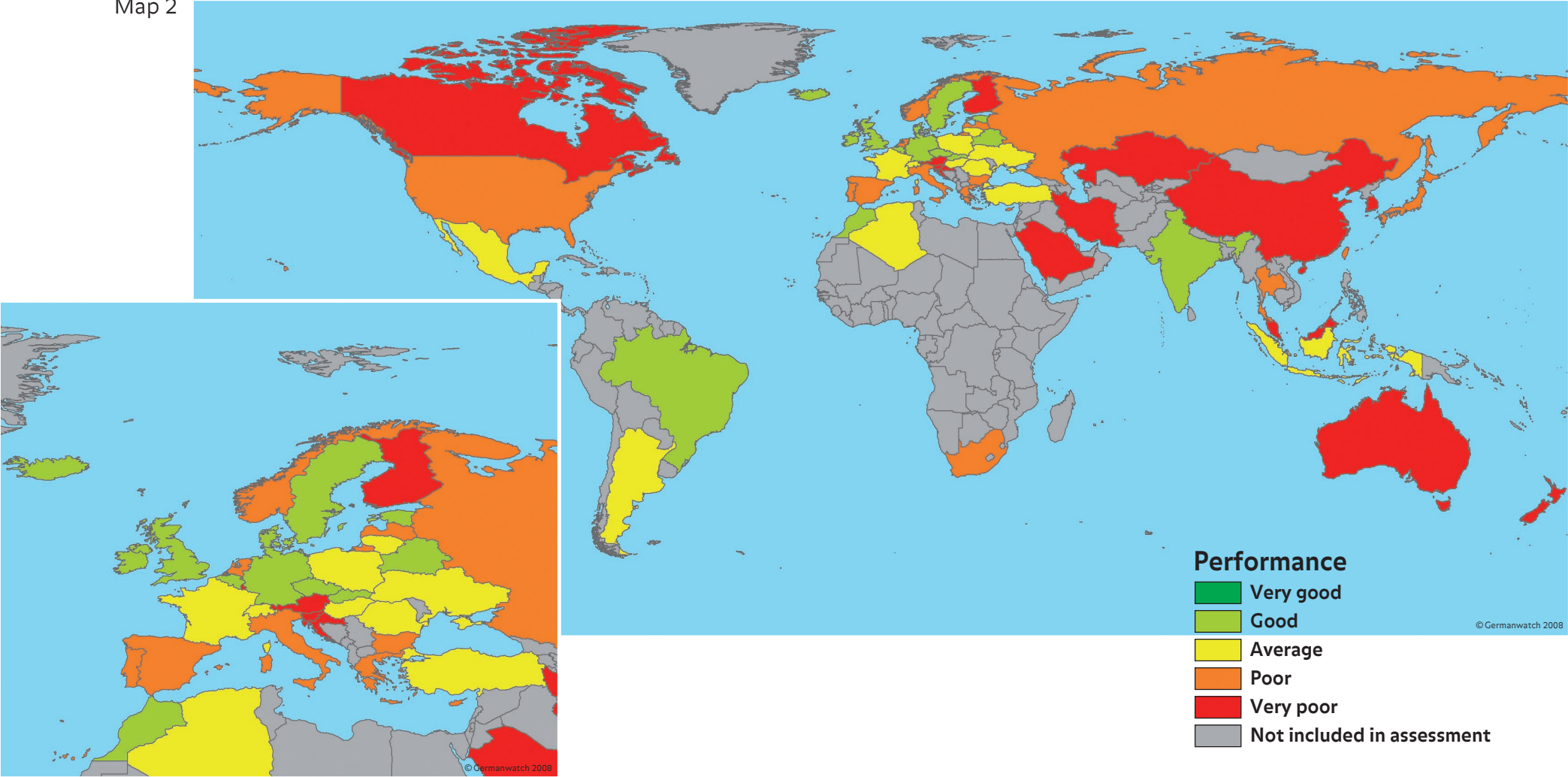


# PARTIAL RESULTS

## 1. EMISSIONS TREND



Map 2

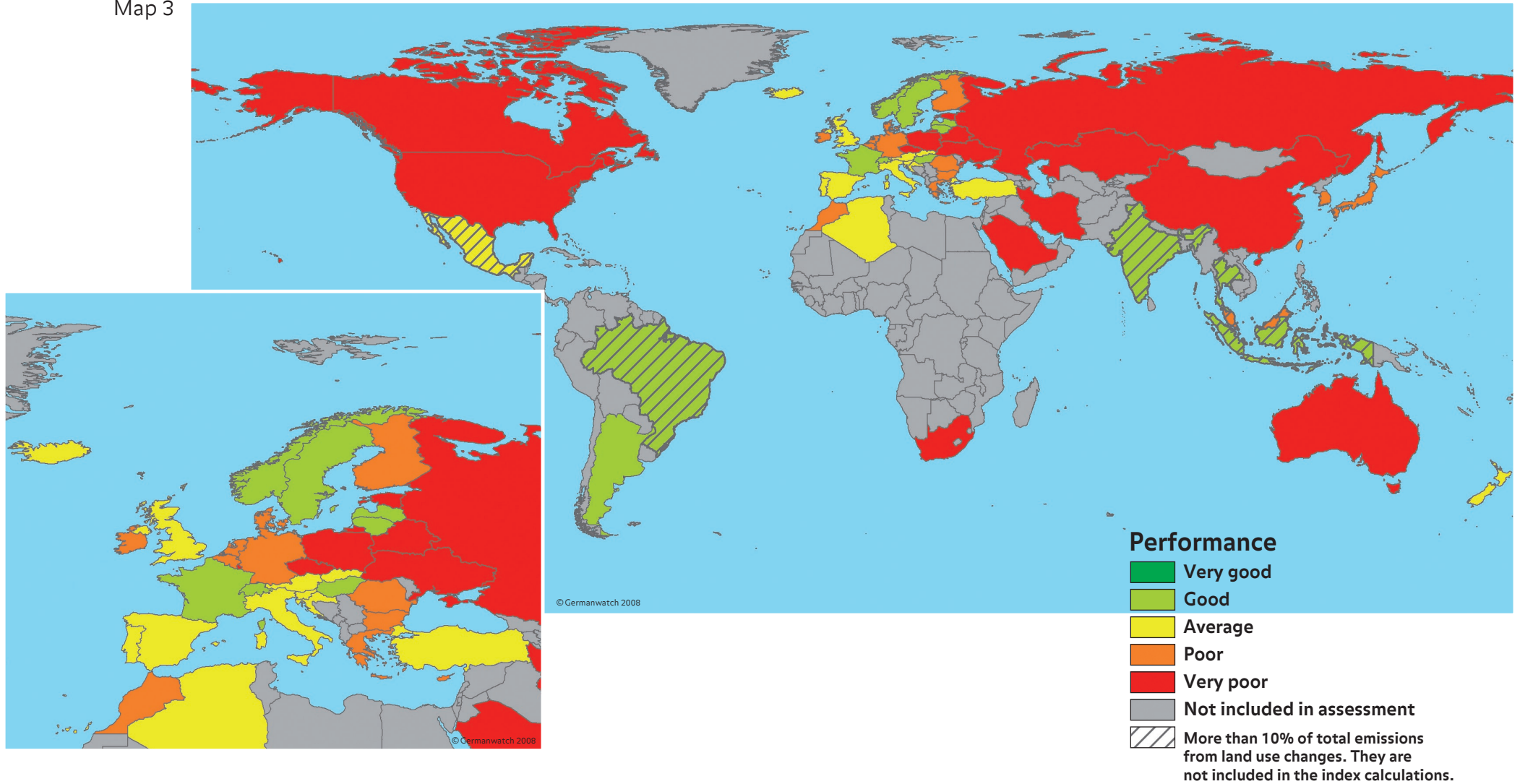


# PARTIAL RESULTS

## 2. EMISSIONS LEVEL

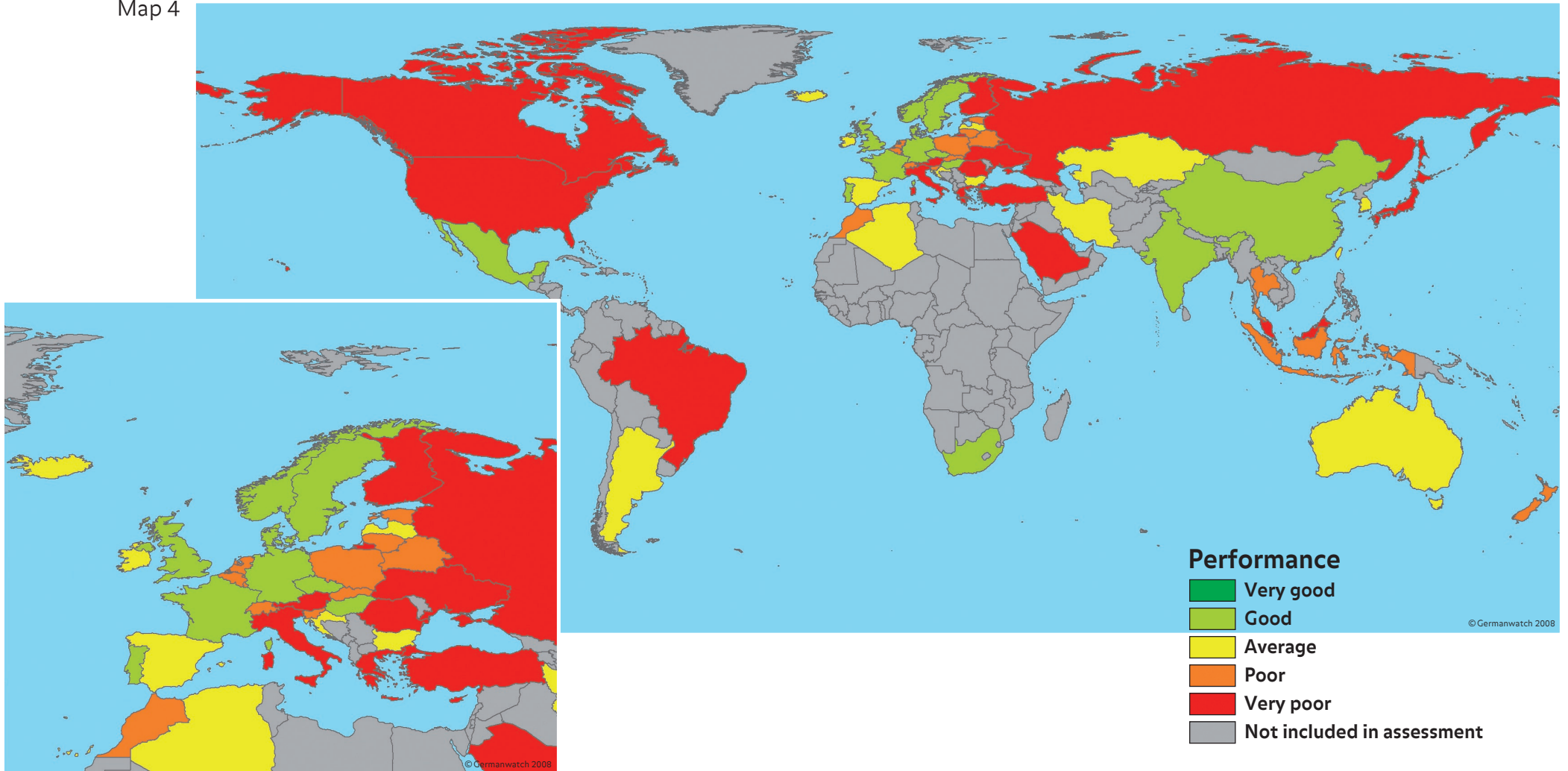


Map 3



## 3. CLIMATE POLICY

Map 4



# COUNTRY COMPARISON

## SWEDEN AND JAPAN AS AN EXAMPLE – A



Table 4: Sweden

Indicator			Score*	Rank**	Weight	Rank**
<b>Emissions Levels</b>		CO <sub>2</sub> per Primary Energy Unit	83.3	5	15.0%	<b>5</b>
		Primary Energy per GDP Unit	80.8	34	7.5%	
		Primary Energy per Capita	56.9	50	7.5%	
<b>Sectoral Emissions</b>	Energy	Electricity	66.8	30	8.0%	<b>10</b>
		Renewables	5.6	55	8.0%	
<b>Trends</b>	Transport	International Aviation	86.5	8	4.0%	
		Road Traffic	73.6	23	4.0%	
	Residential	Private Households	100.0	4	4.0%	
	Industry	Manufacturing and Construction	73.6	10	7.0%	
Target Performance Comparison since 1990			52.5	25	15.0%	
<b>Climate Policies</b>		International	67.6	18	10%	<b>10</b>
		National	77.3	9	10%	
<b>Total</b>			<b>66.7</b>		<b>100%</b>	<b>4</b>

\*Minimum: 0, maximum: 100    \*\*(4-60) None of the countries achieved positions one to three.

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# COUNTRY COMPARISON

## SWEDEN AND JAPAN AS AN EXAMPLE – B



Table 5: Japan

Indicator			Score*	Rank**	Weight	Rank**
<b>Emissions Levels</b>		CO <sub>2</sub> per Primary Energy Unit	34.9	35	15.0%	<b>32</b>
		Primary Energy per GDP Unit	88.8	17	7.5%	
		Primary Energy per Capita	70.1	41	7.5%	
<b>Sectoral Emissions Trends</b>	Energy	Electricity	67.3	27	8.0%	<b>37</b>
		Renewables	7.3	48	8.0%	
	Transport	International Aviation	73.8	24	4.0%	
		Road Traffic	87.1	7	4.0%	
	Residential	Private Households	55.7	23	4.0%	
	Industry	Manufacturing and Construction	58.5	31	7.0%	
Target Performance Comparison since 1990			35.4	44	15.0%	
<b>Climate Policies</b>		International	36.8	47	10%	<b>53</b>
		National	21.6	53	10%	
<b>Total</b>			47.1		<b>100%</b>	<b>43</b>

\*Minimum: 0, maximum: 100    \*\*(4-60) None of the countries achieved positions one to three.

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Table 6: Climate Change Performance Index for OECD Member Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
4	Sweden	66.7	16	Switzerland	58.2	44	Italy	47.1
5	Germany	65.3	21	Ireland	55.6	45	Poland	46.9
6	France	62.2	22	Slovak Republic	55.3	46	New Zealand	46.2
9	United Kingdom	60.6	24	Czech Republic	55.0	48	Finland	46.1
10	Denmark	60.6	25	Belgium	55.0	50	Austria	45.0
11	Norway	60.5	28	Spain	53.2	51	Greece	44.7
12	Hungary	60.5	33	Netherlands	51.4	55	Australia	41.7
13	Iceland	59.9	36	Turkey	49.8	57	Luxembourg	40.4
14	Mexico	59.1	41	Korea, Rep.	48.1	58	USA	39.8
15	Portugal	58.8	43	Japan	47.1	59	Canada	38.9

Members of the Kyoto Protocol Without Kyoto Commitment Refused to Ratify the Kyoto Protocol © Germanwatch 2008

Table 7: Climate Change Performance Index for EU Member Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
4	Sweden	66.7	21	Ireland	55.6	40	Slovenia	48.1
5	Germany	65.3	22	Slovak Republic	55.3	42	Romania	47.5
6	France	62.2	23	Malta	55.1	44	Italy	47.1
9	United Kingdom	60.6	24	Czech Republic	55.0	45	Poland	46.9
10	Denmark	60.6	25	Belgium	55.0	48	Finland	46.1
12	Hungary	60.5	28	Spain	53.2	50	Austria	45.0
15	Portugal	58.8	29	Bulgaria	52.6	51	Greece	44.7
18	Lithuania	56.2	31	Estonia	51.5	53	Cyprus	43.2
19	Latvia	56.1	33	Netherlands	51.4	57	Luxembourg	40.4

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Table 8: Climate Change Performance Index for ASEAN Member Countries plus India, China, Japan and Korea, Republic

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
7	India	62.1	35	Thailand	50.2	43	Japan	47.1
27	Indonesia	53.8	38	Singapore	49.5	49	China	45.9
32	Taiwan/China	51.5	41	Korea, Rep.	48.1	52	Malaysia	44.3

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Table 9: Climate Change Performance Index for Countries in Transition

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
12	Hungary	60.5	29	Bulgaria	52.6	42	Romania	47.5
18	Lithuania	56.2	30	Croatia	51.7	45	Poland	46.9
19	Latvia	56.1	31	Estonia	51.5	47	Ukraine	46.1
22	Slovak Republic	55.3	37	Belarus	49.8	54	Russia	42.6
24	Czech Republic	55.0	40	Slovenia	48.1	56	Kazakhstan	40.6

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Table 10: Climate Change Performance Index for Newly Industrialising Countries

Rank	Country	Score	Rank	Country	Score	Rank	Country	Score
7	India	62.1	26	Algeria	54.6	38	Singapore	49.5
8	Brazil	61.4	27	Indonesia	53.8	39	Iran	48.6
14	Mexico	59.1	32	Taiwan/China	51.5	49	China	45.9
18	Argentina	57.1	34	South Africa	51.2	52	Malaysia	44.3
20	Morocco	55.8	35	Thailand	50.2			

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