



Obs' COP 2021

CLIMATE CHANGE AND PUBLIC OPINIONS INTERNATIONAL OBSERVATORY FULL RESULTS

*Mobilization, concern or indifference:
how do the citizens of 30 countries feel about climate change?*

GAME CHANGERS



Methodology

30 countries questioned across 5 continents, representing 2/3 of the world population.

Selection of countries based on their CO2 emissions, their geographic location or their exemplary performance in the fight against global warming

South Africa*	France
Germany	India*
Saudi Arabia*	Indonesia*
Australia	Italy
Belgium	Japan
Brazil*	Morocco*
Canada	Mexico*
Chile*	Nigeria*
China*	Norway
Colombia*	Poland
South Korea	United Kingdom
Egypt*	Russia*
United Arab Emirates	Singapore
Spain	Sweden
United States	Turkey*



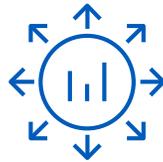
*Online samples in South Africa, Saudi Arabia, Brazil, Chile, mainland China, Colombia, Egypt, India, Indonesia, Morocco, Mexico, Nigeria, Russia et Turkey tend to be more urban, educated, and/or affluent than the general population.

Methodology

30 countries questioned across 5 continents, a representative sample of 2/3 of the world's population.



- TOTAL sample of **24 000** individuals;
- Representative of the population aged **16 and over** in each country;
- 500 or 1000 individuals questioned in each country.



- Representativeness was ensured by using the **quota sampling methodology** ;
- Quotas used: gender; age, region, profession or social category, agglomeration size.



- Data collection method: **Online** (via PC, tablet or smartphone);
- Fieldwork conducted **between August 30 and September 21, 2021.**

*This document presents all the questions and propose a representations of the results on a 30 country basis .
All results in this documents are based on TOTAL sample.*

Concerns

1



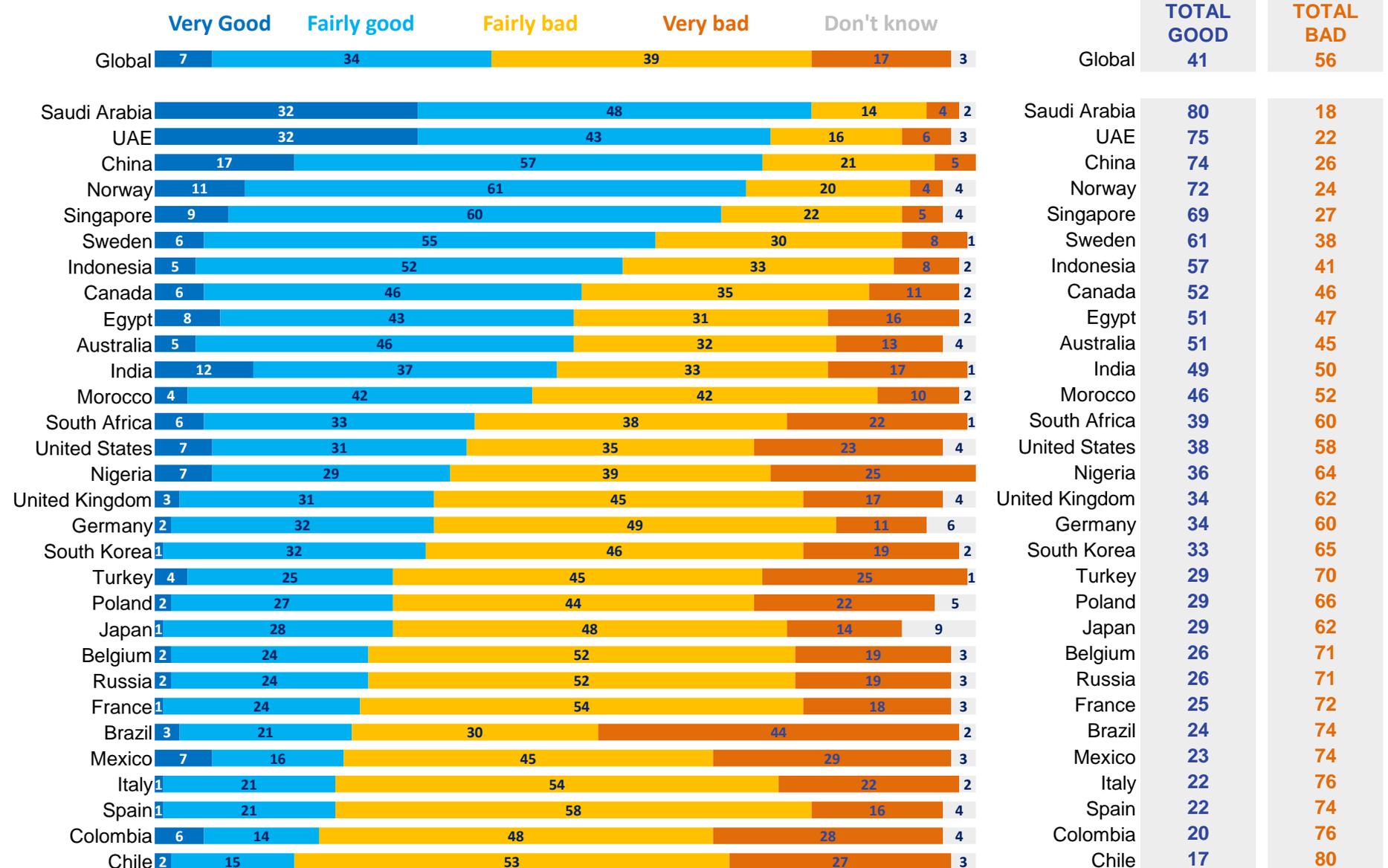
Concerns

Q. From this list, which topics worry you the most ?

	Cost of living	Coronavirus	Poverty and inequality	Healthcare system	Environment	Unemployment	Corruption	Delinquency, crime	Terrorism	Education, schooling	Taxes	Pensions	Immigration													
GLOBAL	52	+5	52	-7	47	+2	43	=	41	+2	41	-4	40	+1	37	+1	34	+5	31	-2	29	+3	24	-1	20	+1
Germany	45	+11	35	-10	44	+1	33	+7	47	+4	17	-5	22	+3	38	-2	34	+1	28	+5	22	+5	42	+3	38	+2
Belgium	53	+5	31	-20	43	+2	32	-3	44	=	18	-8	28	+2	41	=	39	+10	24	-2	38	+2	35	-1	35	+2
Spain	58	+13	56	-15	58	+5	52	-9	54	+5	66	-3	54	+1	43	+6	33	+11	37	-8	42	+9	48	+1	30	=
France	57	+7	36	-13	44	=	37	-3	50	+3	24	-11	21	+1	50	-4	47	+9	35	+2	35	-2	31	-3	36	+2
Italy	36	+4	43	-9	42	+6	35	+1	45	+8	43	-9	29	=	42	-1	25	+9	19	-3	31	+2	21	-1	26	-6
Norway	32	+4	25	-10	47	+6	29	+5	39	+4	22	-7	24	+1	35	+2	36	+1	14	+1	28	+9	21	-4	24	-2
Poland	60	+6	38	-13	38	+1	66	-3	37	-5	23	-8	31	-2	27	-2	27	+2	26	-4	43	+7	38	-3	17	+5
United Kingdom	52	+3	44	-21	42	+3	50	+5	45	+1	23	-11	29	=	29	-2	37	+5	22	=	26	+9	22	-1	31	+3
Russia	71	=	44	-3	54	-4	63	-1	46	-5	42	-1	52	-1	40	=	29	+1	39	-5	33	-7	46	-6	14	+1
Sweden	18	+2	35	-4	37	+3	40	+2	43	+6	28	=	25	-3	56	-1	44	+9	20	-1	22	+3	29	+1	39	-2
Canada	69	+10	49	-3	41	+4	55	+5	50	+9	21	-6	31	+3	26	+4	22	+6	29	+5	40	+5	23	-1	15	=
United States	56	+13	52	-1	35	+5	44	-3	33	+2	28	-2	36	-1	26	-3	36	+4	23	-2	30	+5	10	-1	26	+3
Australia	59	-1	55	=	37	-2	42	+4	40	-1	29	-15	31	+4	31	+3	28	+5	20	-4	20	+1	22	=	21	+2
China	46	+14	62	=	30	+5	35	+2	50	-16	27	=	25	+2	22	+1	21	-2	25	-4	13	+2	16	-2	8	=
South Korea	43	-2	67	-7	37	+1	20	-3	41	+1	34	-4	26	=	24	+1	11	+4	16	-7	29	-1	15	-8	4	+1
India	47	+8	67	-6	47	+6	42	+2	54	+6	55	+3	59	+6	28	+3	51	+8	37	+2	28	+5	11	=	14	+1
Indonesia	54	+1	61	-15	51	-2	26	-16	26	-7	50	+1	42	-6	34	-5	48	-2	28	-6	12	-5	7	-2	6	=
Japan	44	+2	73	-1	26	-1	41	+6	28	+1	16	+1	9	-1	17	+2	13	+2	15	-1	38	+1	41	-4	6	-2
Singapore	67	-6	63	+5	32	-3	35	-6	34	-2	46	-12	20	-3	20	+3	32	+5	18	-5	20	-1	10	-4	12	-3
Brazil	61	+9	64	-1	70	+6	60	-2	52	+2	70	+1	61	+1	53	+2	30	+8	51	-1	44	+8	22	-2	8	+2
Chile	54	+6	49	-11	56	-8	66	+1	51	+9	46	-15	48	=	70	+4	27	+4	46	+3	22	+3	52	+1	32	+5
Colombia	56	+9	50	-8	67	5	65	+2	57	+7	73	+4	68	+4	66	+4	37	+6	43	-2	40	12	28	+4	25	+9
Mexico	37	-3	65	+9	54	-3	51	-4	43	+1	60	-5	46	-1	67	=	17	+3	46	-6	16	-7	16	-3	10	+2
South Africa	63	+2	68	+7	70	+1	50	+4	35	+2	79	+1	74	-3	47	-3	28	+5	43	-1	30	+7	16	=	19	-2
Saudi Arabia	51	+1	52	-8	37	+8	23	+1	15	=	40	-2	38	+5	19	+3	37	+8	26	-4	42	-1	13	+2	12	+5
Egypt	53	-3	64	-1	46	+1	39	-3	23	=	43	+5	51	+2	26	+7	40	-2	40	-9	25	-2	17	=	10	-4
UAE	46	-6	54	-11	35	+1	26	=	24	-3	49	-5	36	=	21	+5	39	+7	29	-1	19	-1	10	=	15	-1
Morocco	45	+9	48	-10	49	+1	40	+1	27	+4	49	+4	53	+8	37	+2	30	-5	40	-6	18	+5	16	+3	12	=
Nigeria	49	-2	53	-6	64	+5	45	-1	32	+7	59	-1	71	+9	31	+4	68	+14	35	-2	13	-4	10	-1	11	+3
Turkey	68	+11	63	-12	68	+9	50	+3	51	+10	63	+1	55	+8	41	+5	55	+7	57	+9	48	+8	34	+10	56	+31

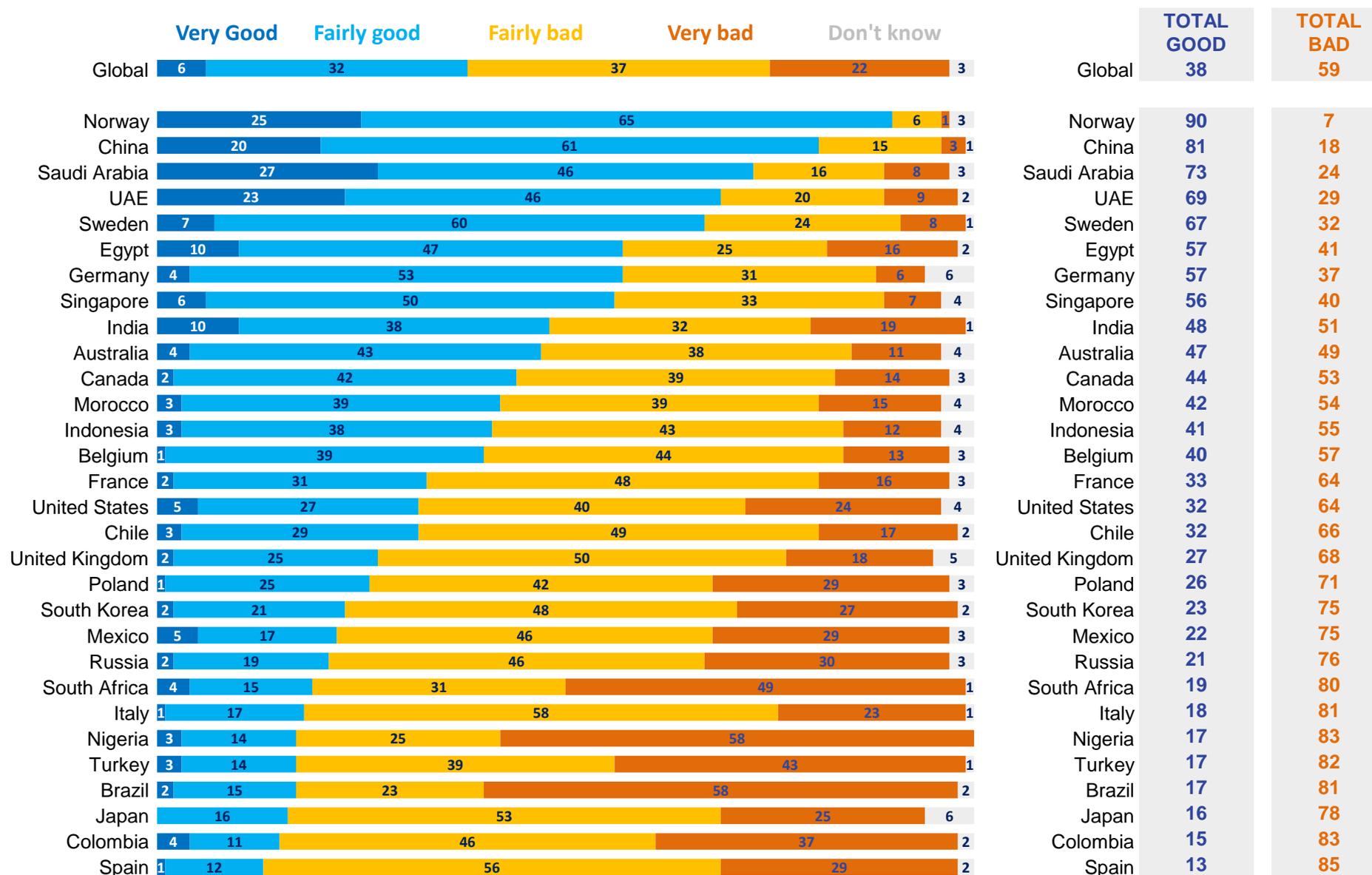
Diagnosis of the situation in the country: The environment

Q. For each of the following areas, tell me whether the situation in your country seems to you to be:



Diagnosis of the situation in the country: The economic situation

Q. For each of the following areas, tell me whether the situation in your country seems to you to be:



Environmental concerns

Q. From the following list, which environmental problems do you think are the most concerning in your country ?

	TOTAL		The accumulation of		Climate change		Extreme climate		Air pollution		Water pollution		Running out of		Deforestation		The decrease in		Soil pollution		Desertification,	
	Climate change/ Extreme climate events	=	waste, packaging, plastic	=	Climate change	=	events	=	Air pollution	=	Water pollution	=	resources	=	Deforestation	=	biodiversity (decline of animal and plant species)*	=	Soil pollution	=	Desertification, drought	
GLOBAL	64	=	46	-2	44	-1	41	=	40	-2	34	-2	32	-2	28	+1	27	+7	25	=	20	+1
Germany	69	+2	49	-1	50	+1	49	+5	28	-4	24	-2	36	-1	22	+4	40	+5	30	-2	11	-3
Belgium	68	-1	48	-4	46	-4	49	+6	42	-4	28	-1	32	-7	25	-4	28	+5	32	+7	9	-4
Spain	73	+3	48	-4	53	+2	48	+6	40	-5	29	+1	23	1	25	-1	31	+11	28	+1	36	+5
France	72	+1	47	-5	48	+2	49	-1	35	-3	26	-7	39	-1	29	4	38	+15	35	+1	16	-5
Italy	73	+1	51	2	49	=	52	+2	44	-5	26	+3	33	-2	21	-1	24	+10	36	-1	22	+1
Norway	64	+3	47	-3	47	+3	44	+4	32	-1	33	-3	23	-4	17	-4	47	+10	20	-2	8	-1
Poland	58	-6	46	-4	37	-2	37	-5	52	-1	30	-4	24	-2	27	+3	17	+7	28	-3	12	-4
United Kingdom	76	+2	63	-4	59	-1	49	+3	48	-5	25	+1	25	-2	22	-1	37	+13	17	-4	9	+1
Russia	56	+1	54	-5	32	=	38	+2	51	-5	54	-5	17	=	53	-5	21	+10	34	-4	13	+5
Sweden	67	-5	39	-3	51	-8	45	+6	38	4	31	-6	23	-2	23	-2	43	+3	23	-2	9	=
Canada	76	+3	54	-3	59	+1	53	+5	37	-3	35	-4	27	-1	28	+7	31	+9	20	=	12	+3
United States	66	=	39	-7	47	=	48	+1	40	-3	35	-5	31	1	23	-3	25	+13	20	+2	21	+5
Australia	73	-3	50	-4	50	-3	56	-6	23	-2	24	=	32	-1	27	=	34	+14	16	+1	31	-4
China	67	-2	39	=	43	=	40	-1	50	-4	45	-4	36	+2	30	+4	28	+5	31	-1	24	-1
South Korea	73	-5	61	-2	60	-4	36	-10	62	+2	39	+1	27	=	24	+1	16	+3	20	+4	12	+3
India	64	=	44	-2	40	+1	40	-3	52	-1	39	+1	33	-3	37	+1	28	+5	24	=	16	=
Indonesia	72	+3	45	-1	39	-4	53	=	44	+1	30	=	42	1	38	+10	25	+2	16	+1	19	+2
Japan	80	+3	53	-2	60	=	68	-1	26	=	22	+3	30	-1	25	=	23	+2	15	+2	8	=
Singapore	75	-1	62	-7	64	=	41	+6	40	-12	26	-6	41	-7	18	+2	27	+2	9	-1	9	+4
Brazil	50	+1	31	=	29	+4	30	-4	37	-1	42	-1	38	+3	54	+2	30	+8	25	=	21	+4
Chile	61	+4	39	+1	41	+2	34	+1	36	-4	35	-1	45	-3	27	-2	24	+7	25	+2	47	+7
Colombia	61	+10	34	-7	36	+4	38	+7	39	-6	40	-3	41	-1	37	=	27	+6	27	+1	16	+3
Mexico	66	=	40	-4	41	+1	40	-5	45	+4	47	-6	44	-4	30	-3	27	+10	21	-7	22	+5
South Africa	57	-5	46	+1	41	-4	30	-4	38	+1	46	-3	44	-3	21	+2	27	+10	21	+1	24	-5
Saudi Arabia	36	-9	34	+3	23	-3	20	-8	31	-2	28	-1	18	-6	13	+1	15	+2	19	=	22	=
Egypt	39	-3	50	+2	22	=	23	-5	40	+9	48	+7	35	-7	7	+1	13	+5	38	+6	24	-3
UAE	57	-3	36	-7	39	-2	32	-3	39	-4	31	+1	30	+2	20	-1	23	+7	22	+2	21	+2
Morocco	51	+3	46	+1	38	+2	24	+2	38	+5	32	+7	28	+1	35	+3	14	-1	31	+3	28	-2
Nigeria	56	+1	51	+3	34	-2	33	+3	47	+5	47	+4	26	+2	36	+8	19	+3	28	-4	23	+5
Turkey	67	=	31	-6	43	-3	40	+5	32	-10	32	-6	52	+5	41	+4	29	+10	22	-4	43	+8

*Evolutions to be interpreted with caution.

Last year, the item was formulated as follows: The decrease in biodiversity [no detail].

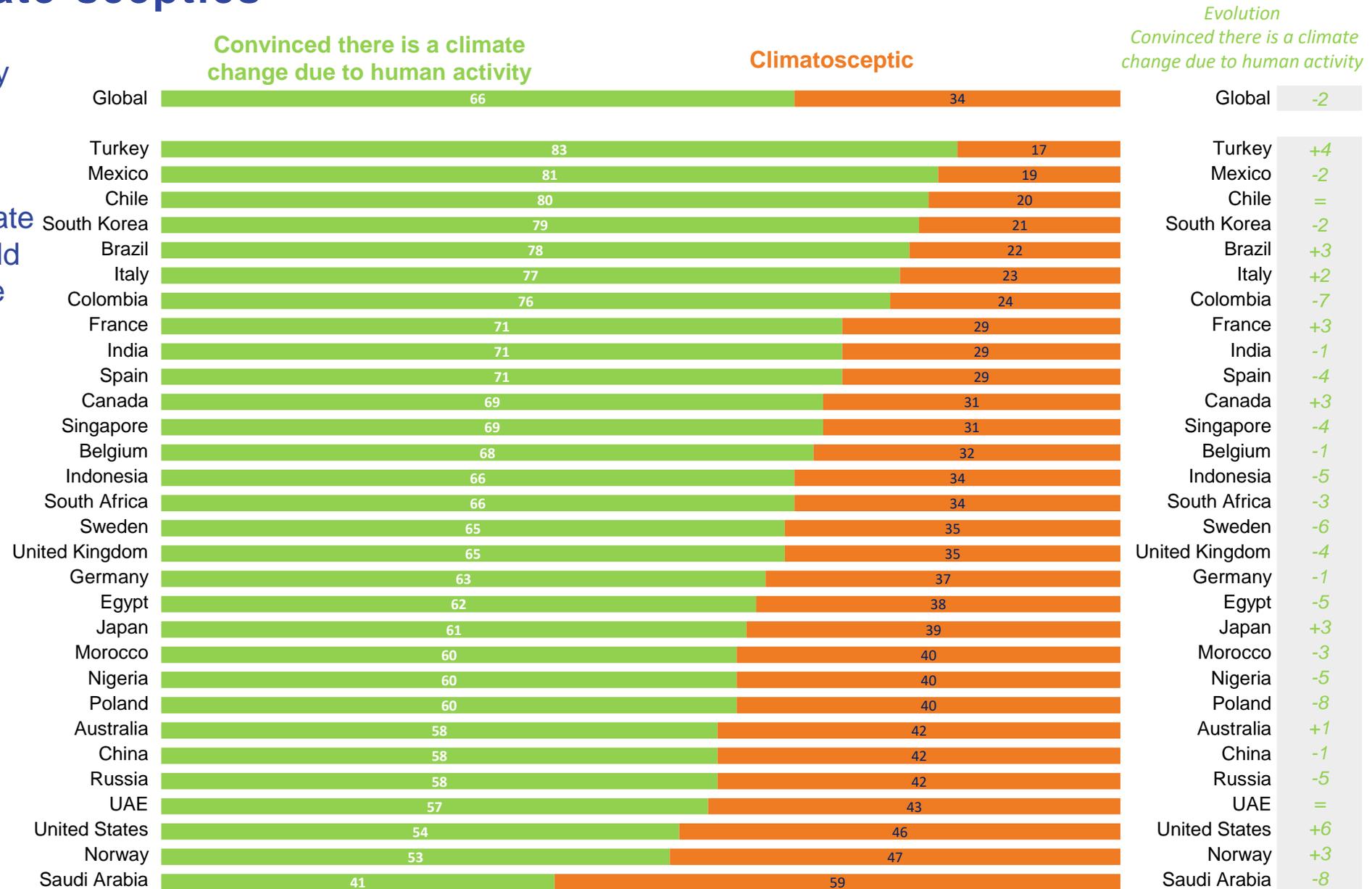
Perception of Climate Change

2

Summary of climate-sceptics

Q. Would you personally say that we are experiencing climate change?

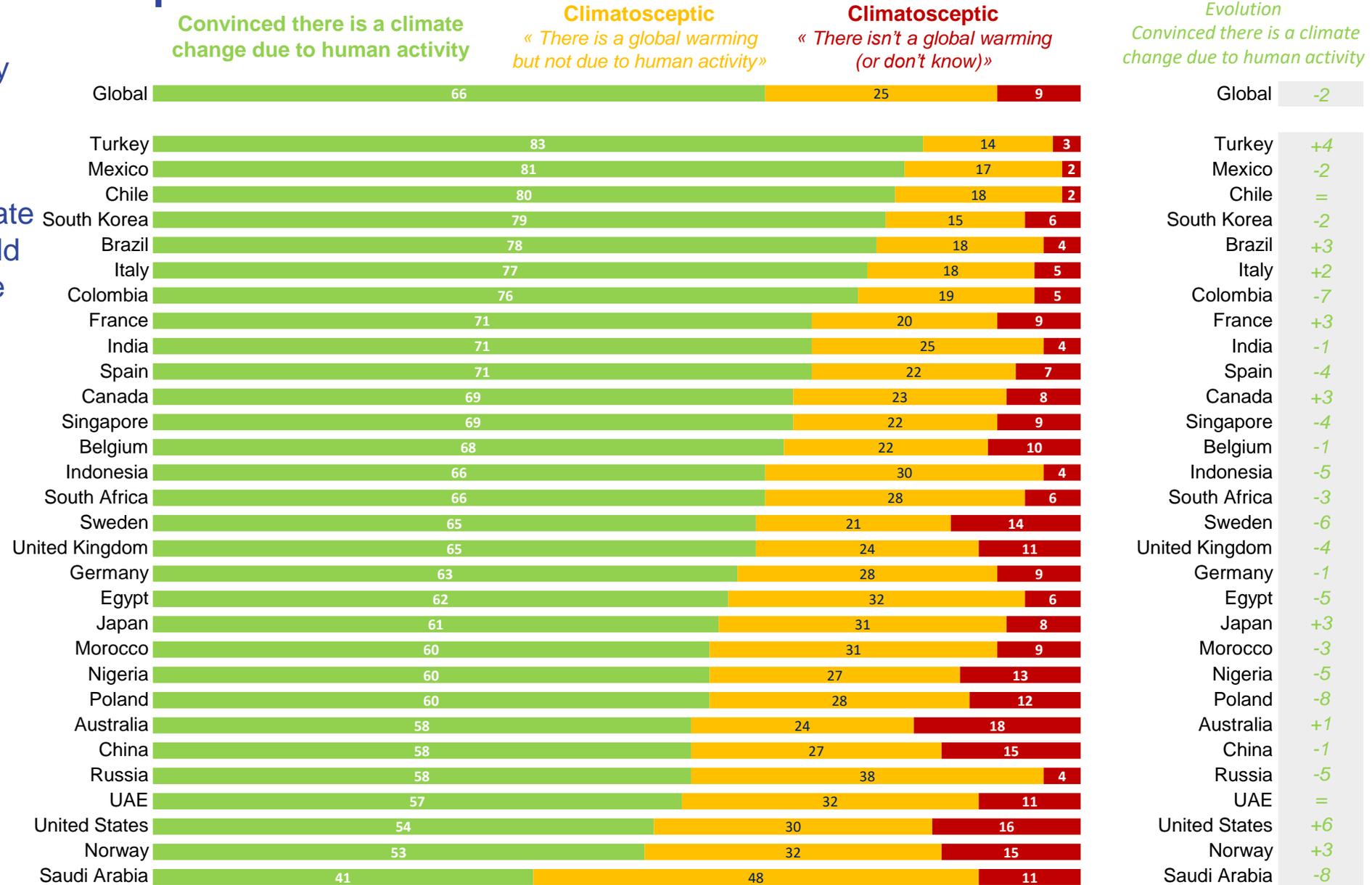
Q. And concerning this climate change we hear about, would you say: that it is mainly due to human activity, that it is mainly due to a natural phenomenon, like the ones the Earth has experienced throughout its history or that there is no way to know?



Summary of climate-sceptics - detail

Q. Would you personally say that we are experiencing climate change?

Q. And concerning this climate change we hear about, would you say: that it is mainly due to human activity, that it is mainly due to a natural phenomenon, like the ones the Earth has experienced throughout its history or that there is no way to know?



Feelings about climate change

Q. Personally, when you think about climate change, what goes through your mind?

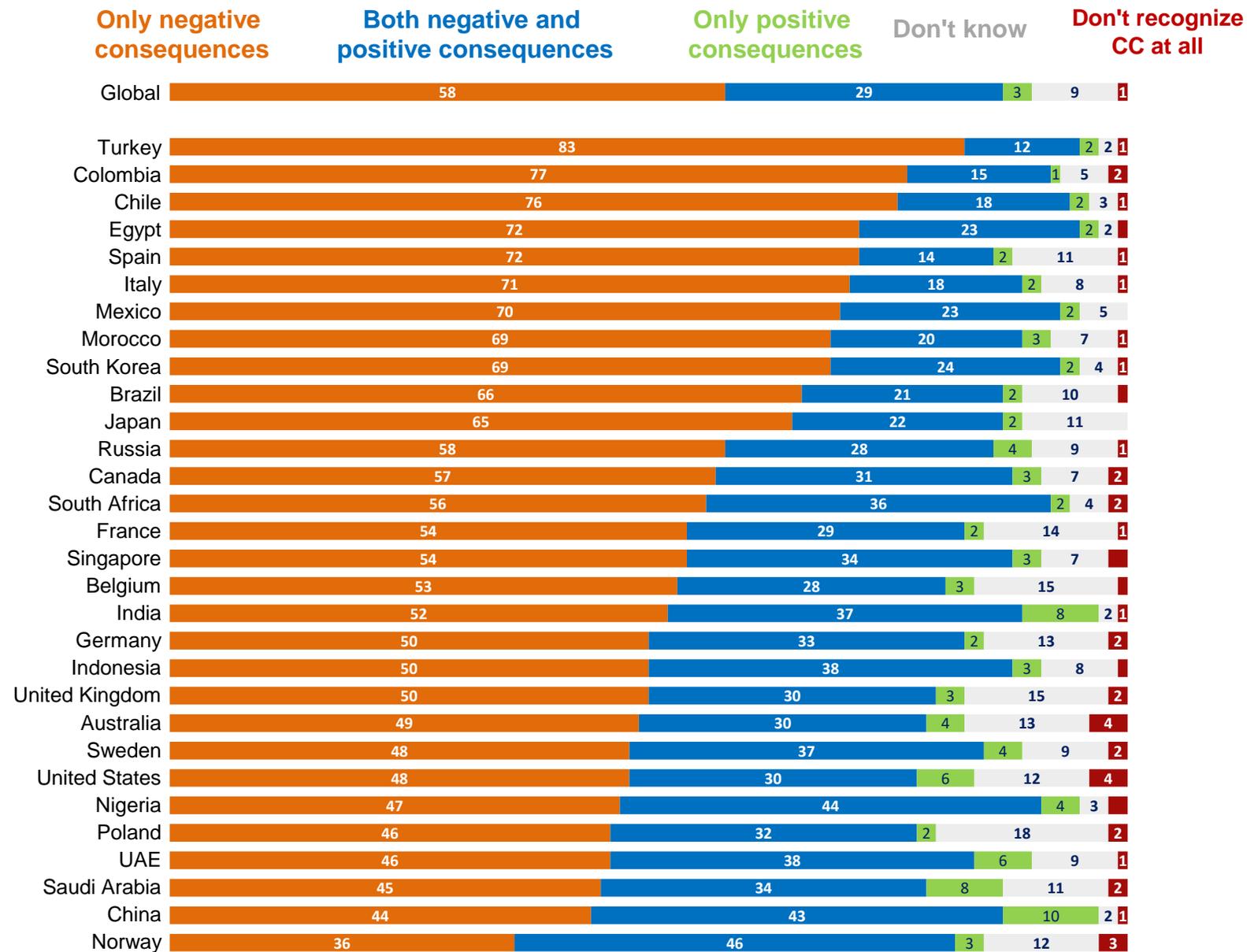
Do you feel...

Multiple answers are possible

	Worried	Angry	Demoralized	Sceptical	Committed, militant	Optimistic	Indifferent	Confident
GLOBAL	72	30	26	20	17	15	10	9
Germany	60	36	17	32	5	12	7	15
Belgium	67	28	33	26	13	7	9	6
Spain	78	35	42	14	20	6	6	3
France	70	36	28	25	17	10	5	7
Italy	77	40	41	17	10	8	5	11
Norway	60	15	13	28	24	16	7	3
Poland	66	27	40	13	14	8	12	7
United Kingdom	65	34	24	24	5	10	17	5
Russia	78	30	13	20	8	13	10	7
Sweden	61	30	15	24	15	13	10	10
Canada	73	32	25	22	7	14	15	6
United States	61	31	17	23	8	18	19	9
Australia	60	28	17	24	8	18	18	9
China	52	20	13	18	64	27	7	27
South Korea	83	34	17	38	7	6	11	4
India	76	38	27	16	16	25	18	15
Indonesia	81	28	8	22	20	20	6	11
Japan	75	21	26	21	15	9	10	4
Singapore	72	25	30	18	10	12	16	7
Brazil	84	27	26	10	14	12	8	11
Chile	85	36	27	9	29	18	4	9
Colombia	84	34	33	11	34	14	3	7
Mexico	88	40	31	4	29	14	8	6
South Africa	78	29	23	30	10	18	17	10
Saudi Arabia	56	18	22	11	28	31	10	14
Egypt	71	28	40	12	27	15	9	7
UAE	62	23	23	19	19	20	15	17
Morocco	64	24	28	22	21	14	10	7
Nigeria	75	23	26	29	11	28	16	14
Turkey	83	46	46	25	5	6	6	5

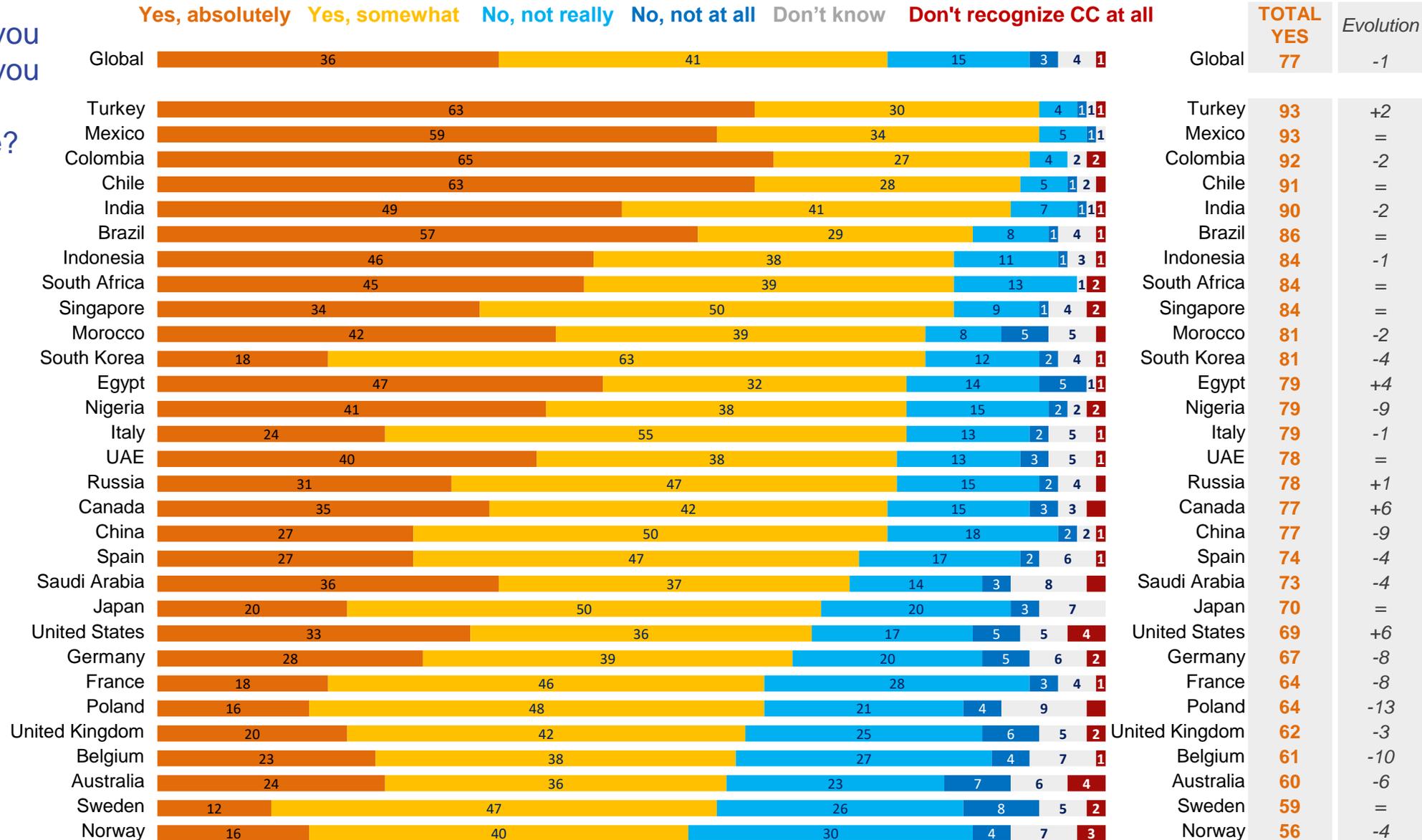
Consequences of climate change – in your region

Q. In your opinion, climate change will have :
In your region ...



Have noticed the effects of climate change

Q. On the whole, would you say that, in your region, you have already noticed the effects of climate change?



Climate disturbances

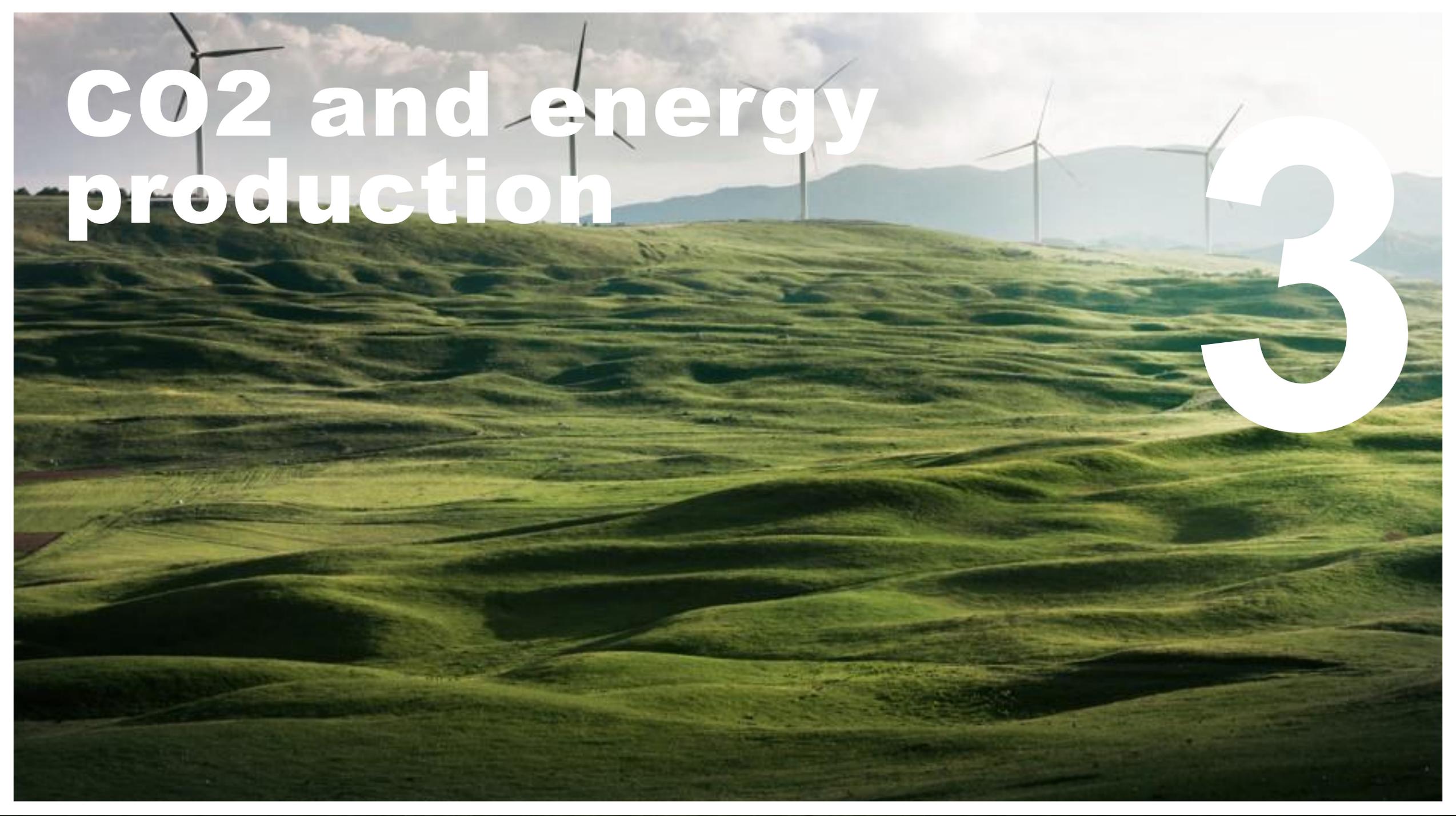
Q. Where you live, in recent years, have you been affected by the consequences of the following listed climatic disturbances?

Asked only to those who have already noticed the effects of climate change in their region.

	Intense heat, rising temperatures, heatwave	Disruption of the seasons	Storms, high winds, cyclones, etc.	Floods, rising water levels	Declining water levels in waterways, lakes, etc.	Drought
GLOBAL	69	49	33	33	33	30
Germany	68	47	35	35	31	26
Belgium	64	62	34	45	24	40
Spain	75	55	39	23	38	34
France	73	65	31	31	35	43
Italy	76	42	45	34	31	32
Norway	31	52	28	30	18	26
Poland	67	60	57	29	44	41
United Kingdom	65	57	36	44	23	10
Russia	75	45	37	20	33	24
Sweden	57	46	21	32	25	28
Canada	83	48	42	26	35	25
United States	67	42	46	40	33	32
Australia	63	47	46	31	35	43
China	60	37	38	41	33	26
South Korea	81	47	40	25	11	19
India	66	51	39	42	49	19
Indonesia	62	49	29	42	28	32
Japan	74	57	42	29	10	17
Singapore	75	25	23	63	15	7
Brazil	75	64	22	21	45	46
Chile	59	59	17	13	60	64
Colombia	69	28	36	44	40	28
Mexico	71	41	38	39	31	28
South Africa	60	55	41	33	57	46
Saudi Arabia	69	30	22	13	17	27
Egypt	84	43	19	10	18	13
UAE	62	34	21	23	24	18
Morocco	65	53	14	11	39	33
Nigeria	67	50	22	69	25	21
Turkey	80	72	42	44	60	53

CO2 and energy production

3



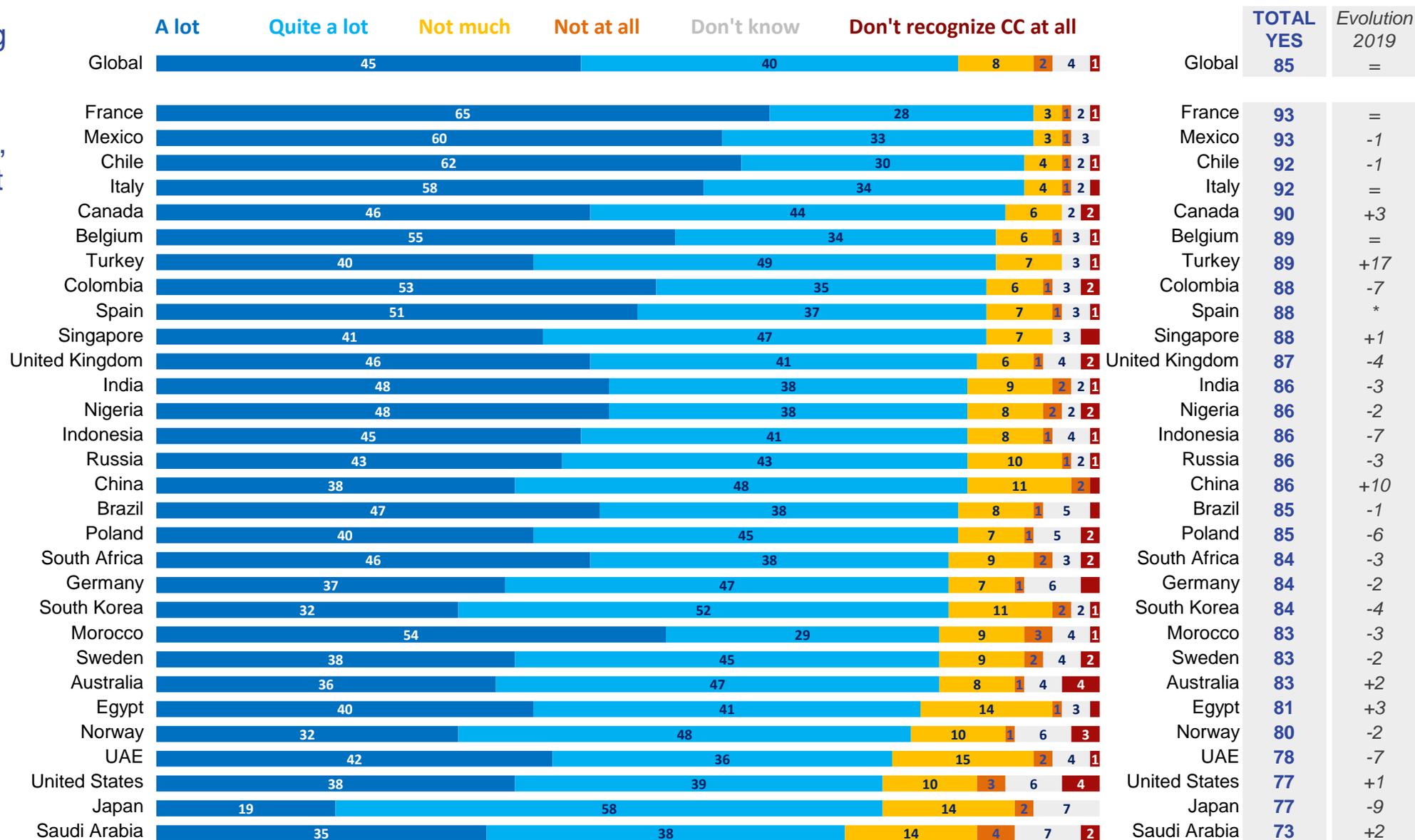
The production of CO2 : RECAP

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?

TOTAL YES	Industrial activity	Cars, trucks	Coal, gas or fuel-oil-fired power plants	The destruction of forests	Waste processing	Heating and air conditioning of buildings	Aerosol cans	Nuclear power plants	Agriculture, livestock farming	Digital: computers, servers, Internet
GLOBAL	85	83	83	82	67	65	59	57	45	42
Germany	84	73	83	83	62	61	48	44	64	46
Belgium	89	83	86	84	73	69	63	47	60	51
Spain	88	87	86	87	72	77	76	63	50	49
France	93	87	88	86	70	81	73	52	62	73
Italy	92	88	89	88	78	87	71	61	64	51
Norway	80	66	84	77	57	43	38	35	47	37
Poland	85	79	79	74	56	63	55	37	48	37
United Kingdom	87	86	85	84	69	73	58	46	63	45
Russia	86	83	78	82	59	43	40	46	31	25
Sweden	83	82	82	70	66	60	43	34	53	43
Canada	90	85	87	84	67	64	53	44	54	37
United States	77	76	74	72	60	50	53	54	44	29
Australia	83	80	79	78	61	63	53	44	55	37
China	86	85	84	80	73	71	52	57	51	44
South Korea	84	87	88	86	87	80	66	52	57	48
India	86	85	84	87	68	81	65	71	40	55
Indonesia	86	80	72	85	72	76	68	57	37	45
Japan	77	84	79	80	76	74	46	35	34	34
Singapore	88	84	82	84	74	80	62	57	49	59
Brazil	85	85	82	88	63	55	69	77	44	29
Chile	92	92	89	91	78	78	85	74	51	48
Colombia	88	89	85	90	74	72	82	75	45	44
Mexico	93	95	84	92	77	68	85	77	36	47
South Africa	84	85	88	78	66	59	57	68	32	31
Saudi Arabia	73	75	73	71	59	49	50	65	29	34
Egypt	81	85	77	75	65	59	44	59	28	32
UAE	78	78	75	76	60	62	57	61	37	42
Morocco	83	83	76	77	53	30	52	65	17	28
Nigeria	86	81	82	72	56	49	53	69	26	26
Turkey	89	89	92	92	68	64	64	77	32	48

The production of CO2 : Industrial activity*

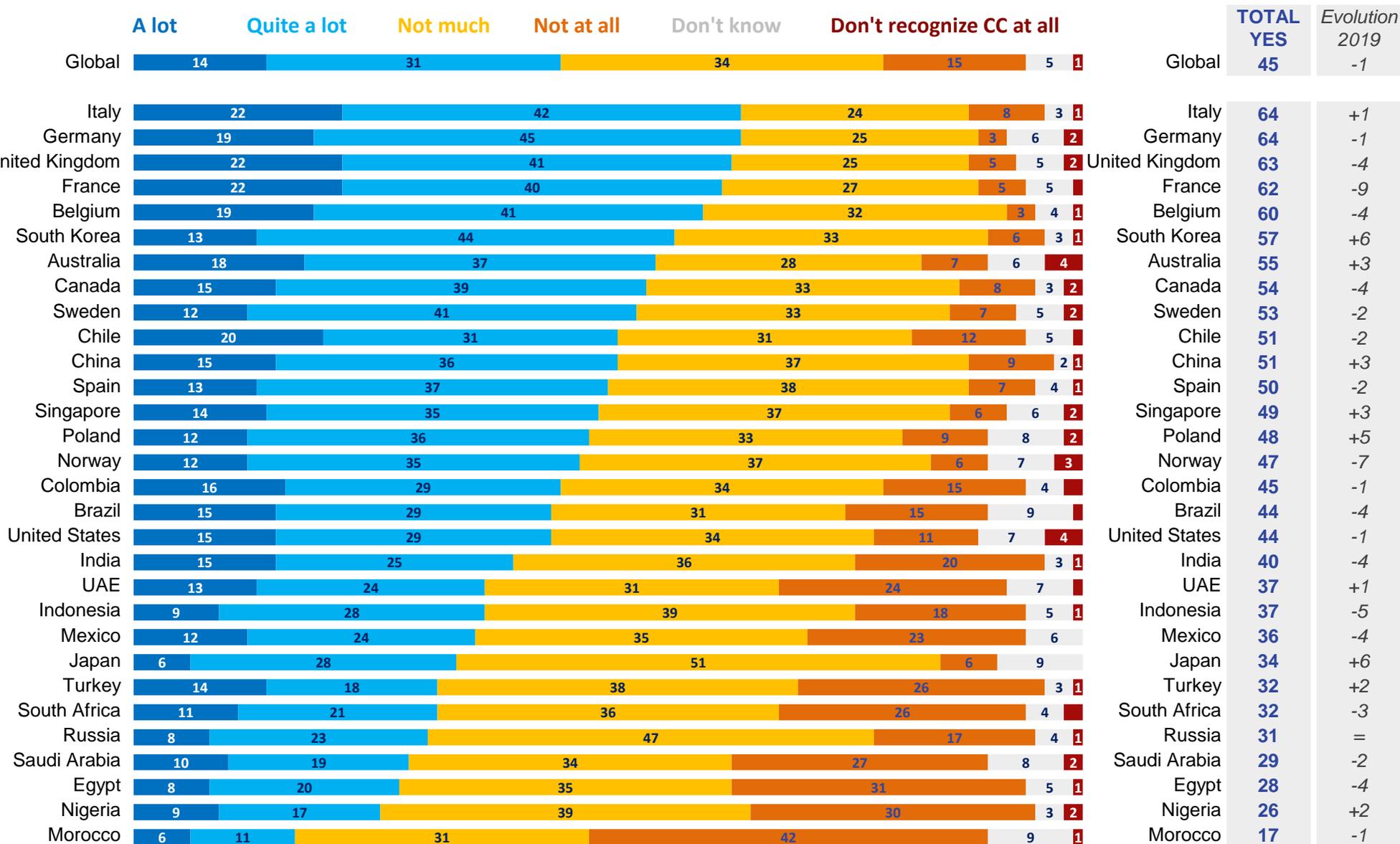
For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



*Evolution to be interpreted with caution.
In 2019, the item was formulated as follows: The industry

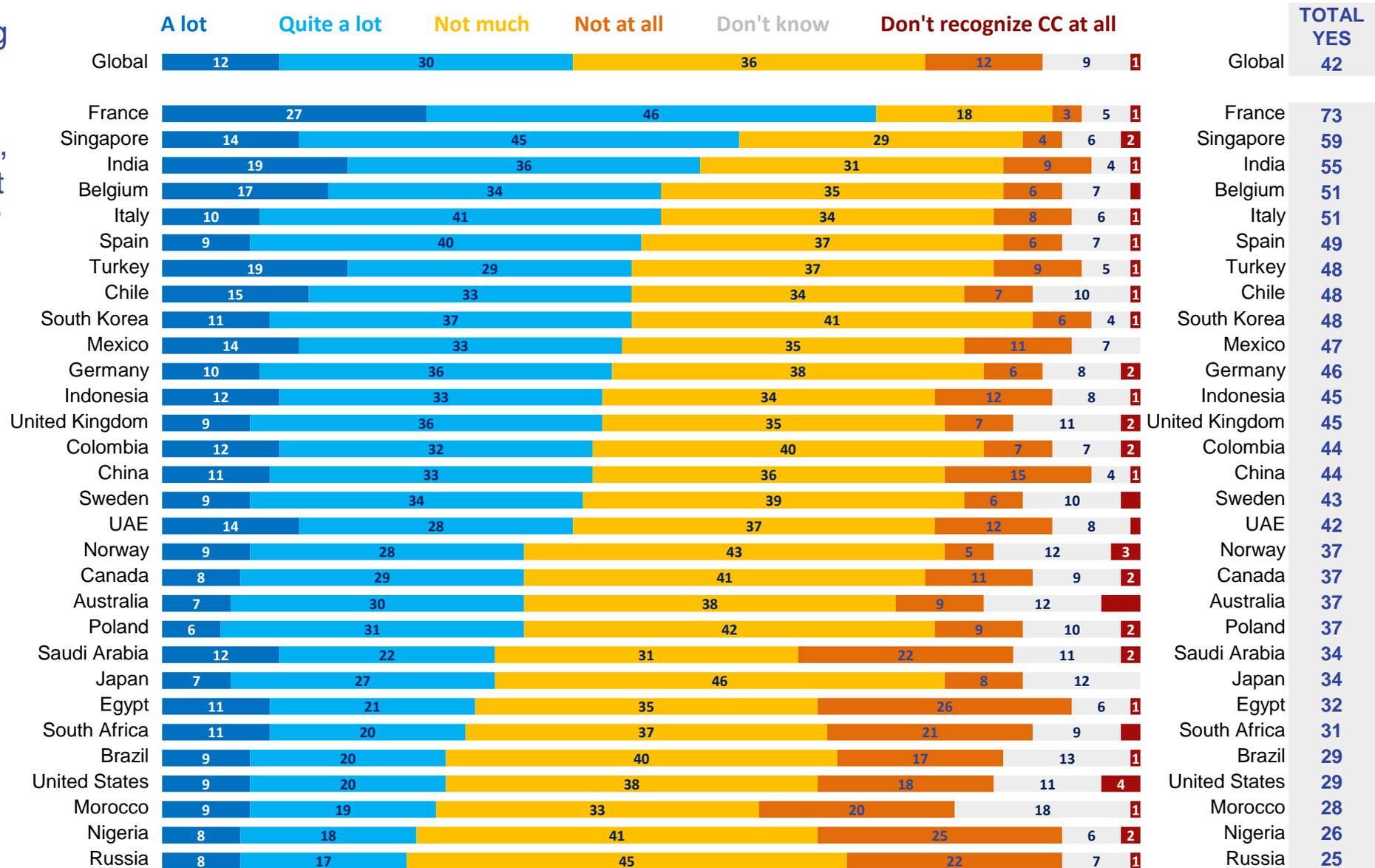
The production of CO2 : Agriculture, livestock farming

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



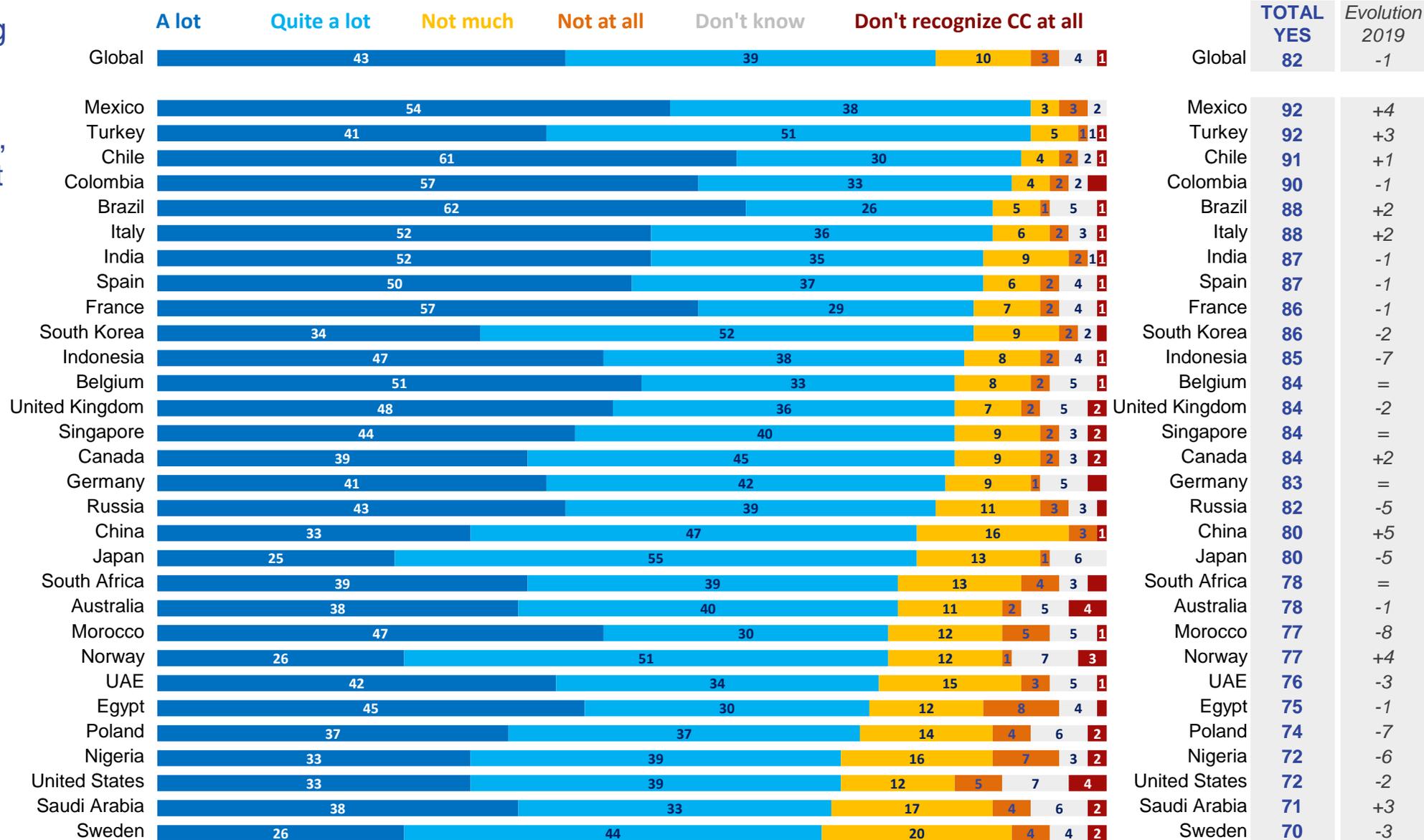
The production of CO2 : Digital: computers, servers, Internet

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



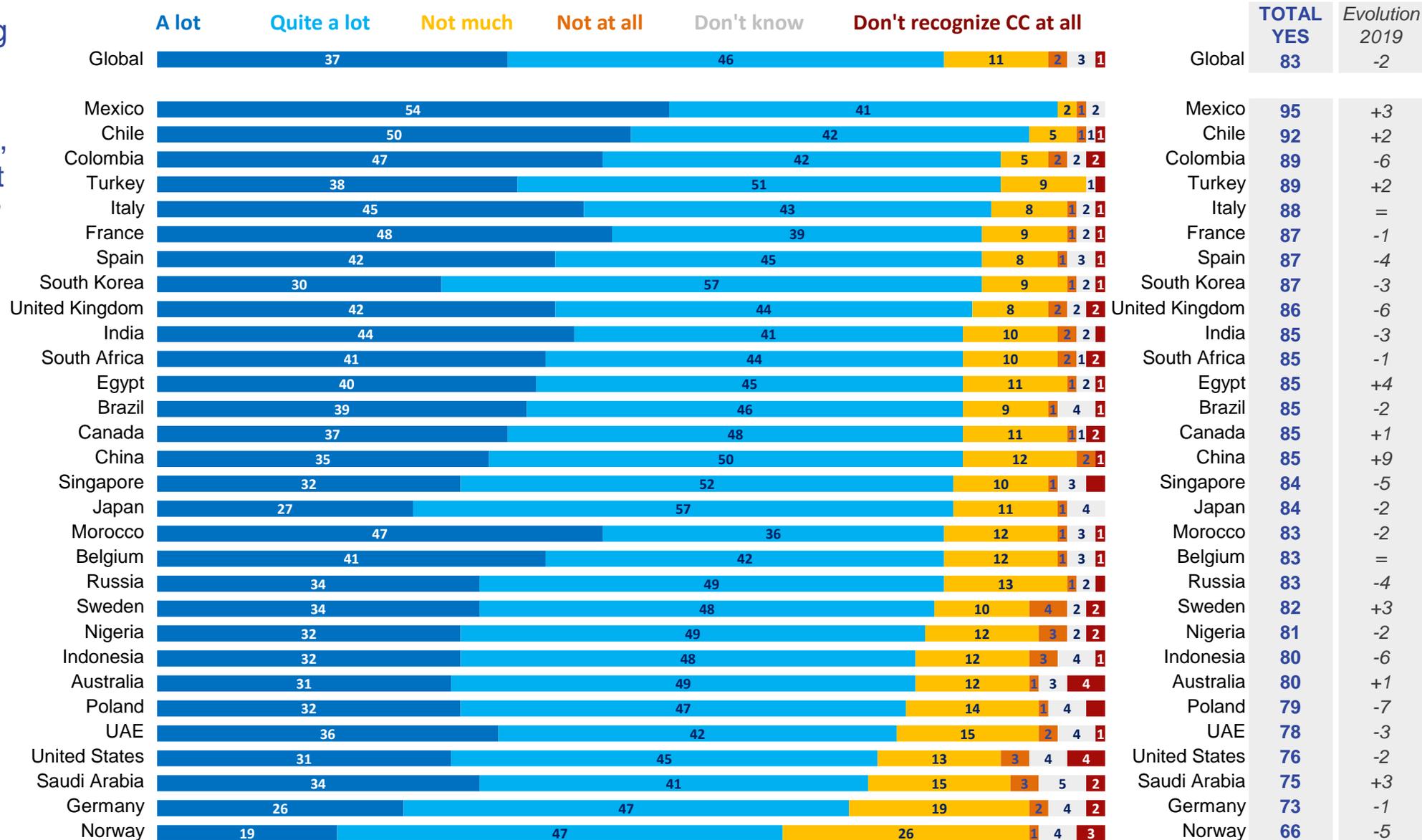
The production of CO2 : The destruction of forests

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



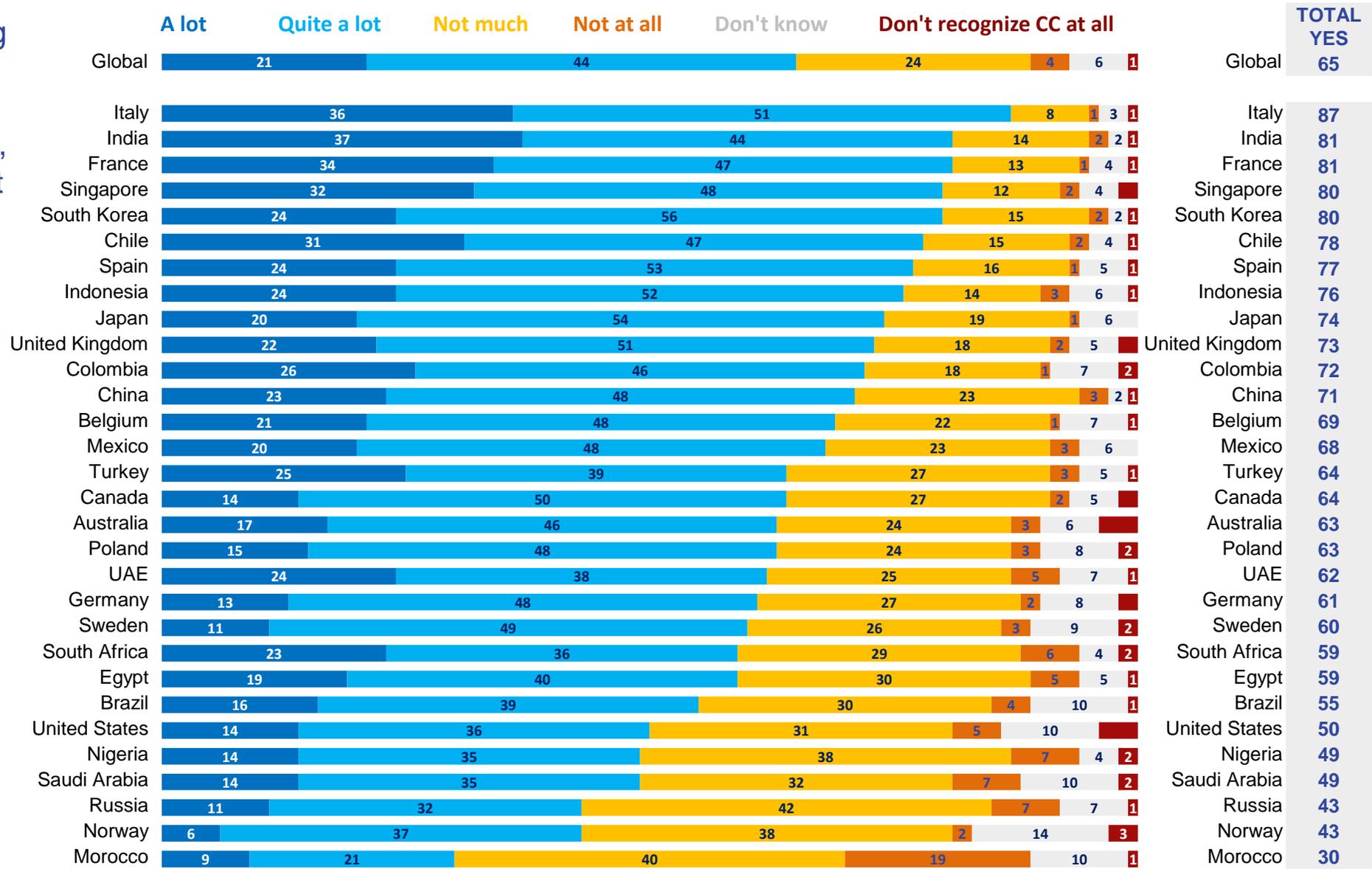
The production of CO2 : Cars, trucks

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



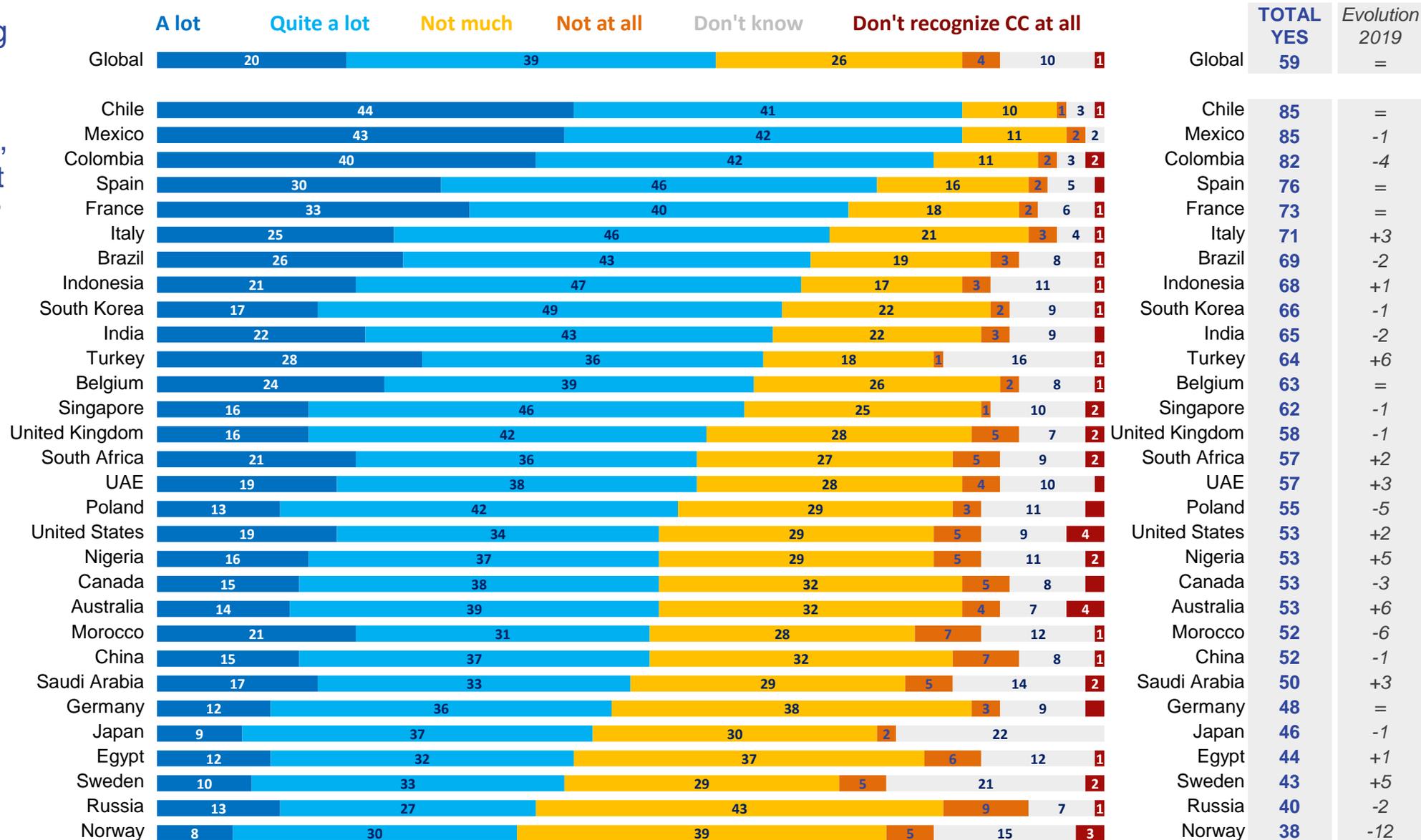
The production of CO2 : Heating and air conditioning of buildings

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



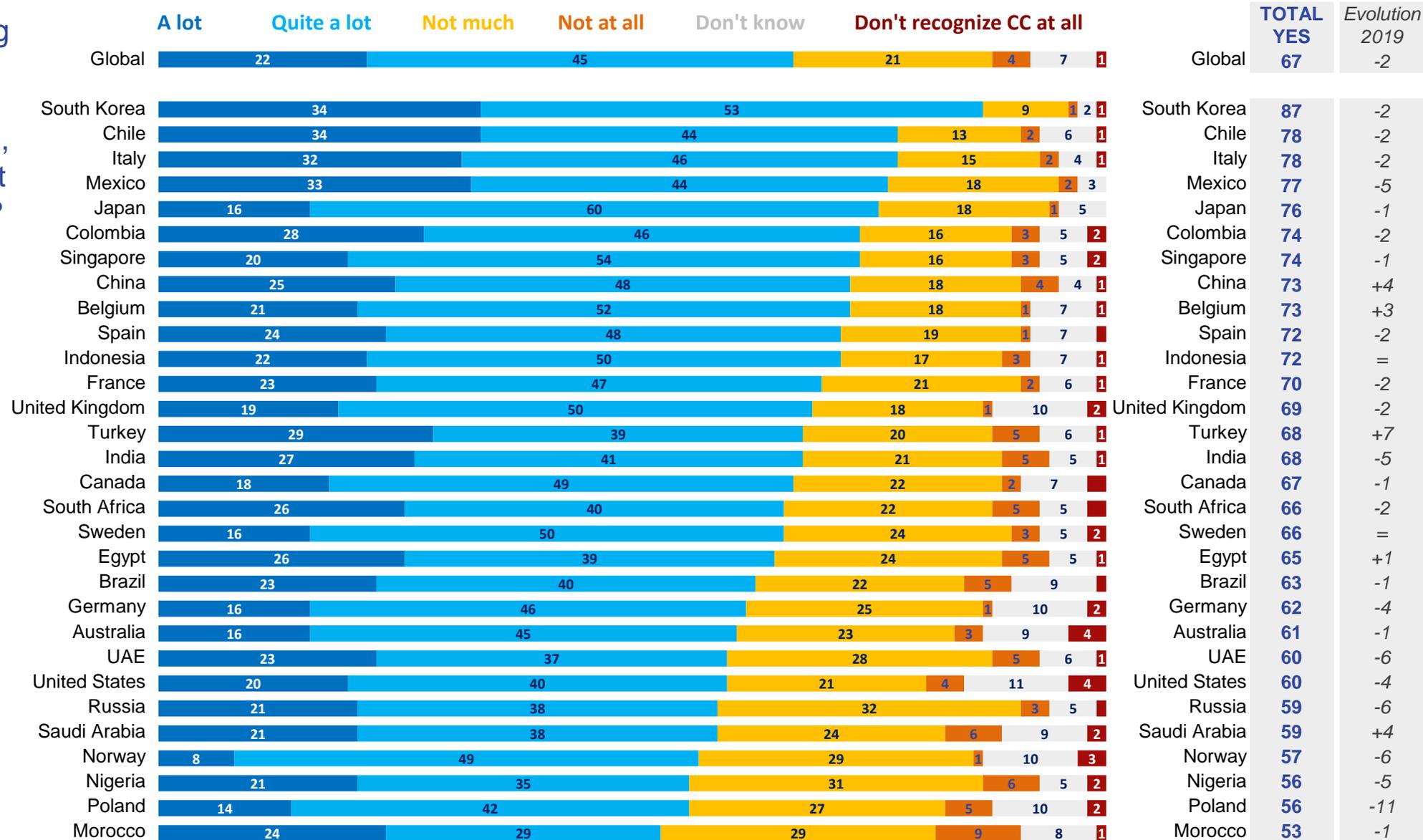
The production of CO2 : Aerosol cans

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



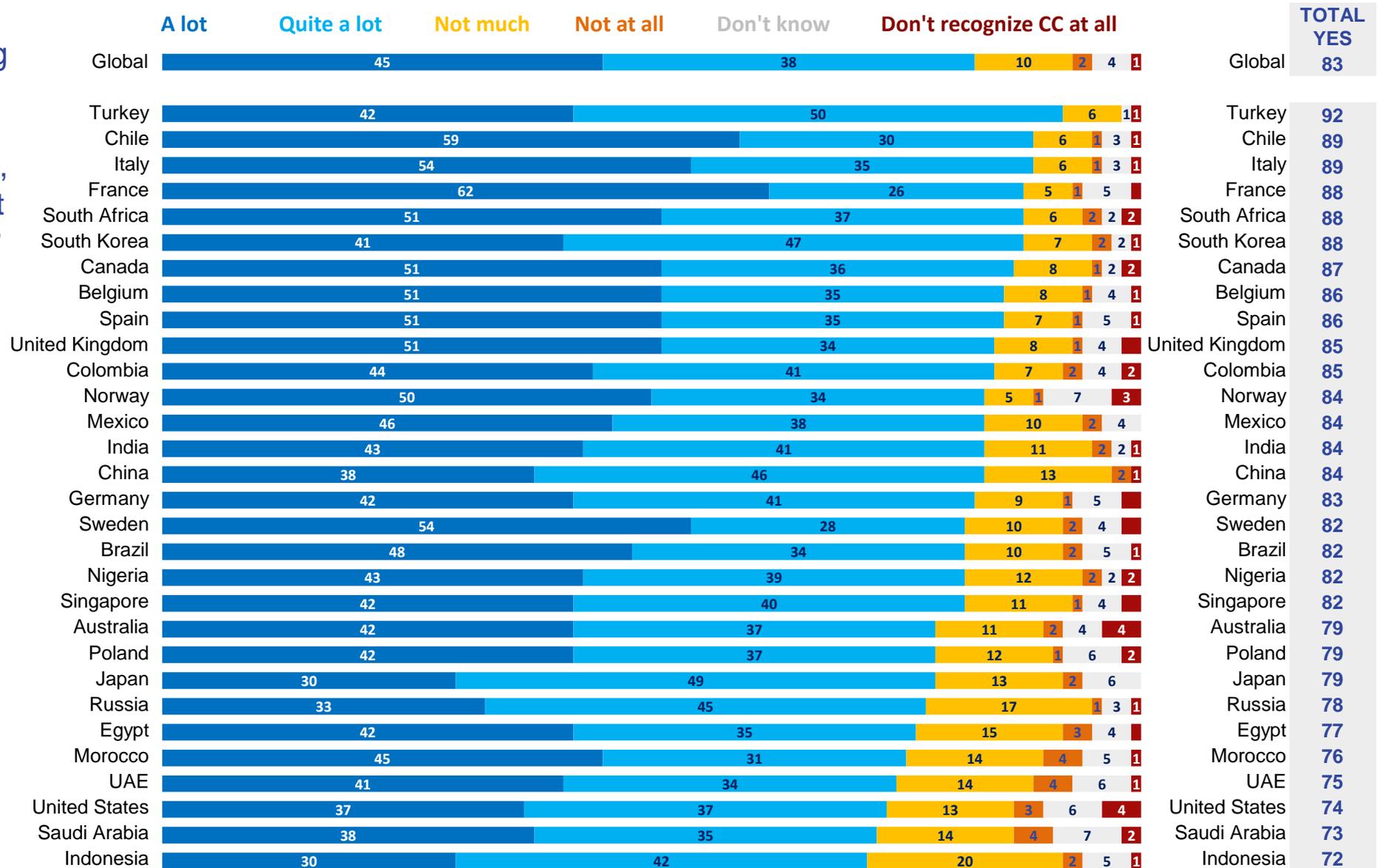
The production of CO2 : Waste processing

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



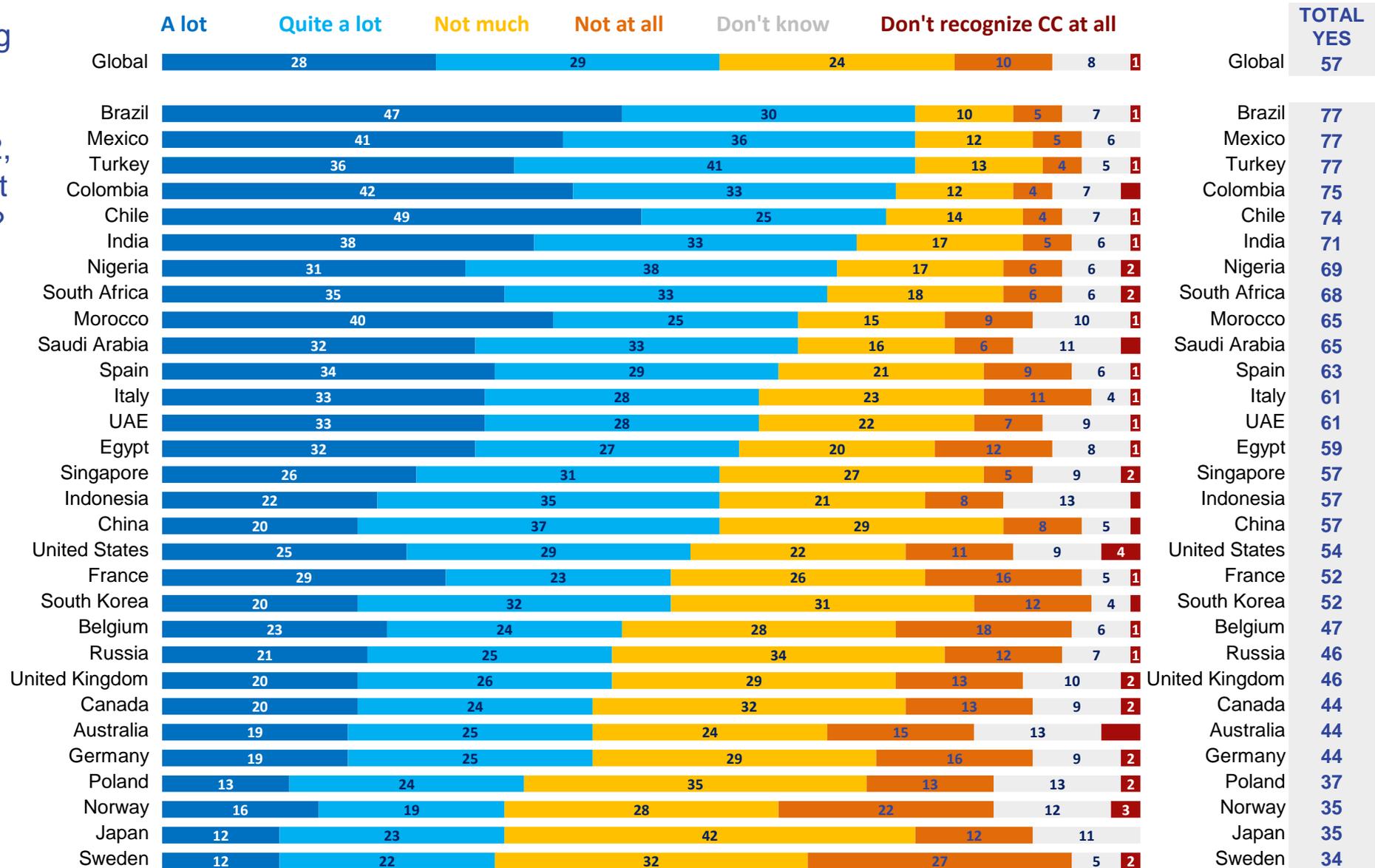
The production of CO2 : Coal, gas or fuel-oil-fired power plants

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



The production of CO2 : Nuclear power plants

For each of the following activities, you think it produces a lot, quite a lot, not much or no CO2, the greenhouse gas that causes climate change?



Opinion on electricity production methods: RECAP

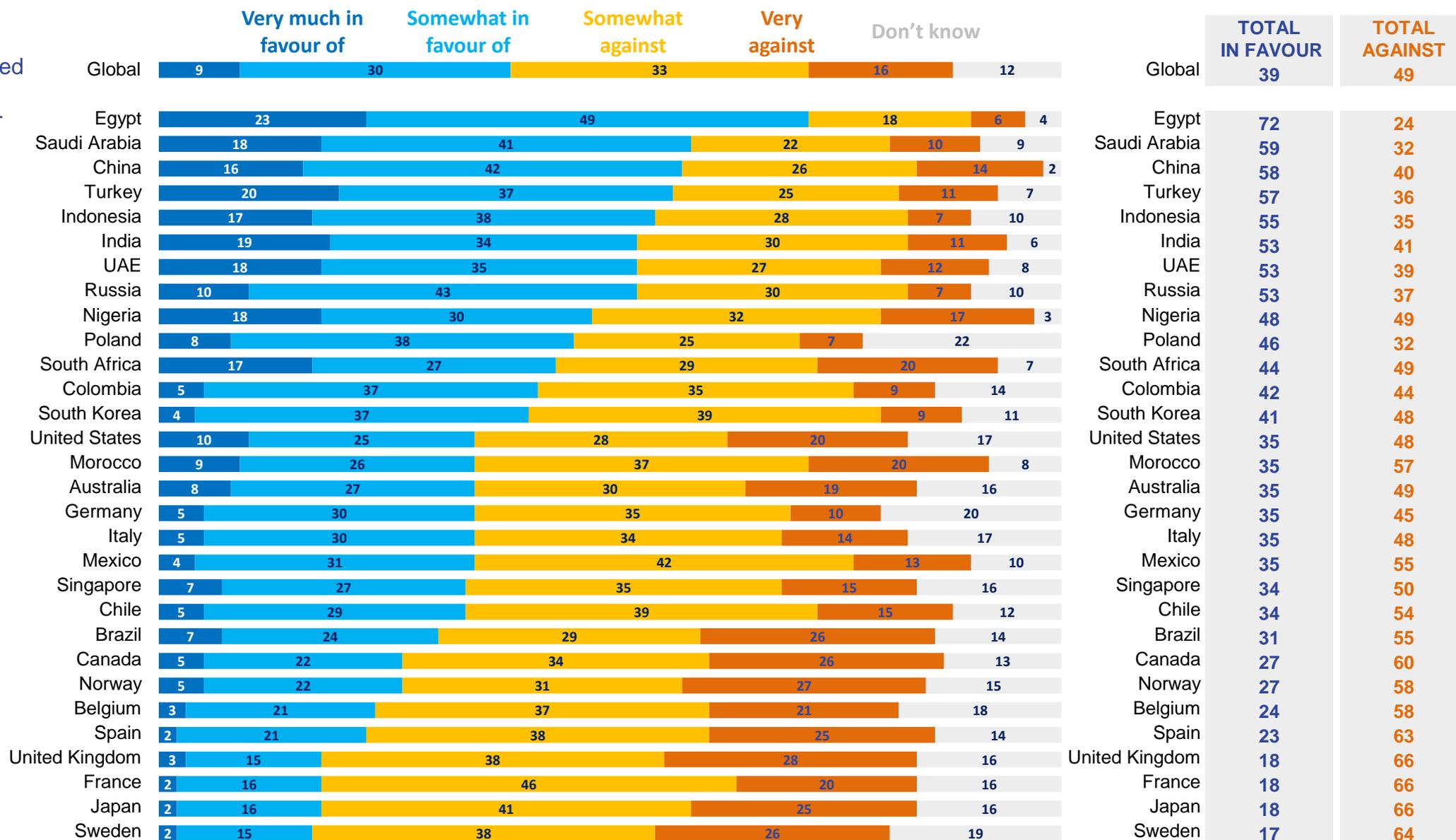
Q. To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?

TOTAL IN FAVOUR

	Solar panels	Wind turbines	Hydro-electric dams	Gas-fired power plants	Nuclear power plants	Coal-fired power plants
GLOBAL	89	81	73	39	39	25
Germany	89	74	55	35	29	15
Belgium	84	81	75	24	43	9
Spain	91	85	71	23	29	16
France	84	68	80	18	46	10
Italy	91	87	77	35	26	16
Norway	91	57	92	27	35	6
Poland	86	81	73	46	46	18
United Kingdom	89	86	66	18	40	15
Russia	90	82	66	53	49	23
Sweden	87	80	83	17	55	11
Canada	92	85	75	27	39	15
United States	84	78	65	35	38	30
Australia	88	79	69	35	38	26
China	89	88	86	58	65	45
South Korea	72	75	74	41	42	13
India	89	85	77	53	56	41
Indonesia	89	87	84	55	36	45
Japan	81	77	77	18	27	30
Singapore	88	75	63	34	25	20
Brazil	91	79	57	31	19	24
Chile	96	87	44	34	20	13
Colombia	94	79	59	42	17	22
Mexico	96	82	79	35	21	29
South Africa	93	83	76	44	45	37
Saudi Arabia	87	79	75	59	52	45
Egypt	92	88	83	72	62	29
UAE	84	80	74	53	55	45
Morocco	90	82	74	35	36	33
Nigeria	94	84	79	48	48	45
Turkey	94	92	81	57	33	23

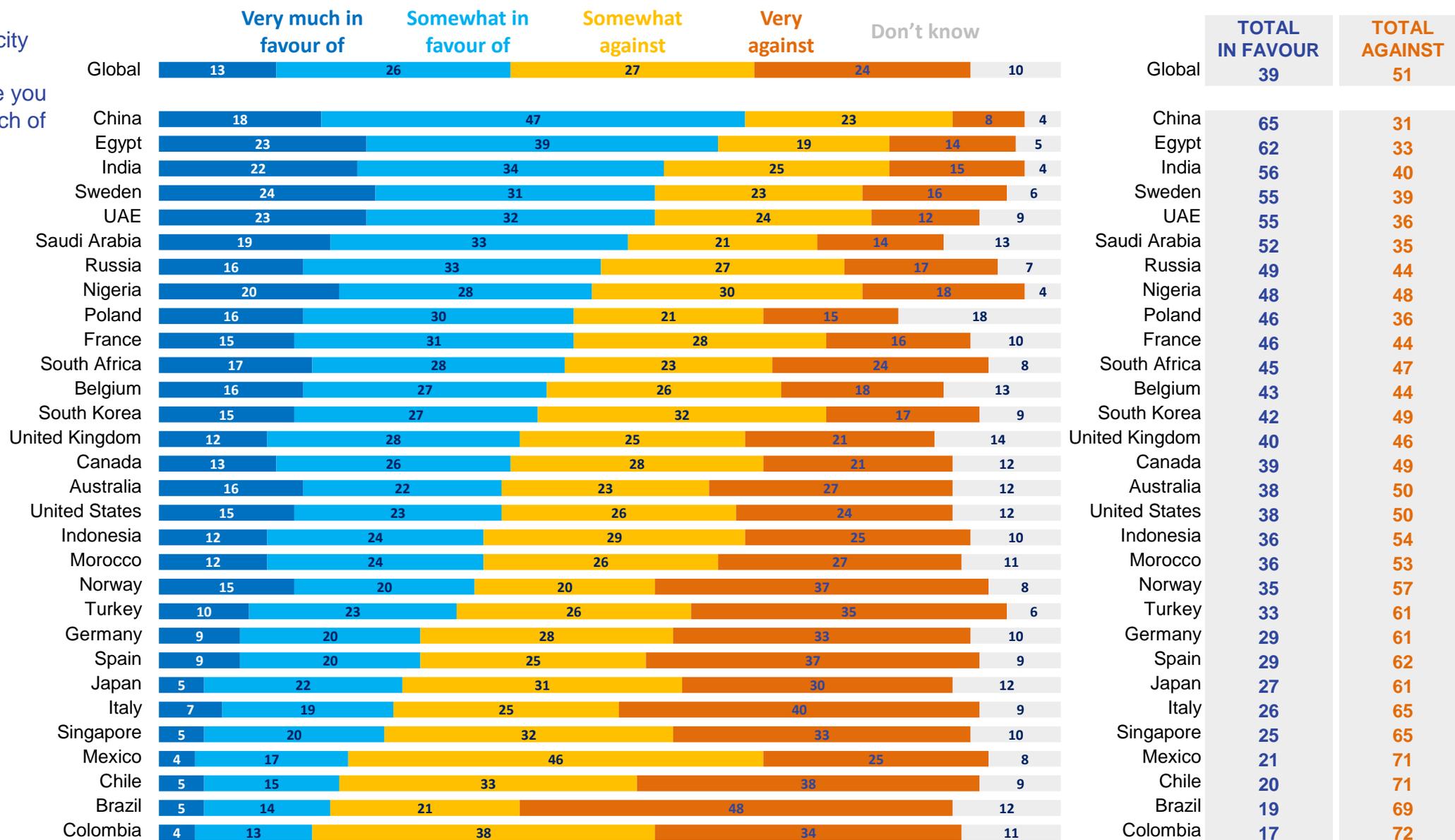
Opinion on electricity production methods: Gas-fired power plants

Q. To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?



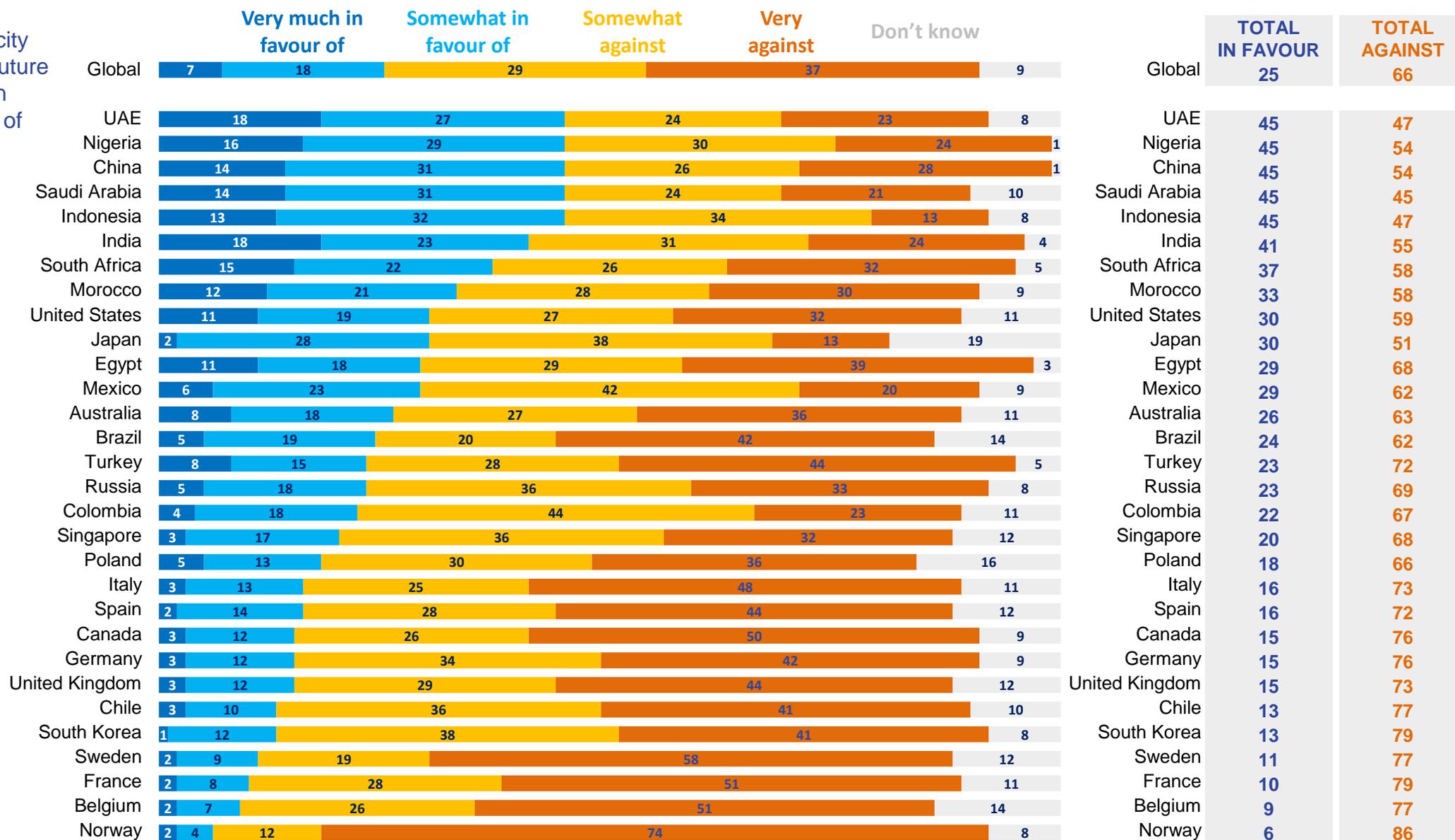
Opinion on electricity production methods: Nuclear power plants

Q. To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?



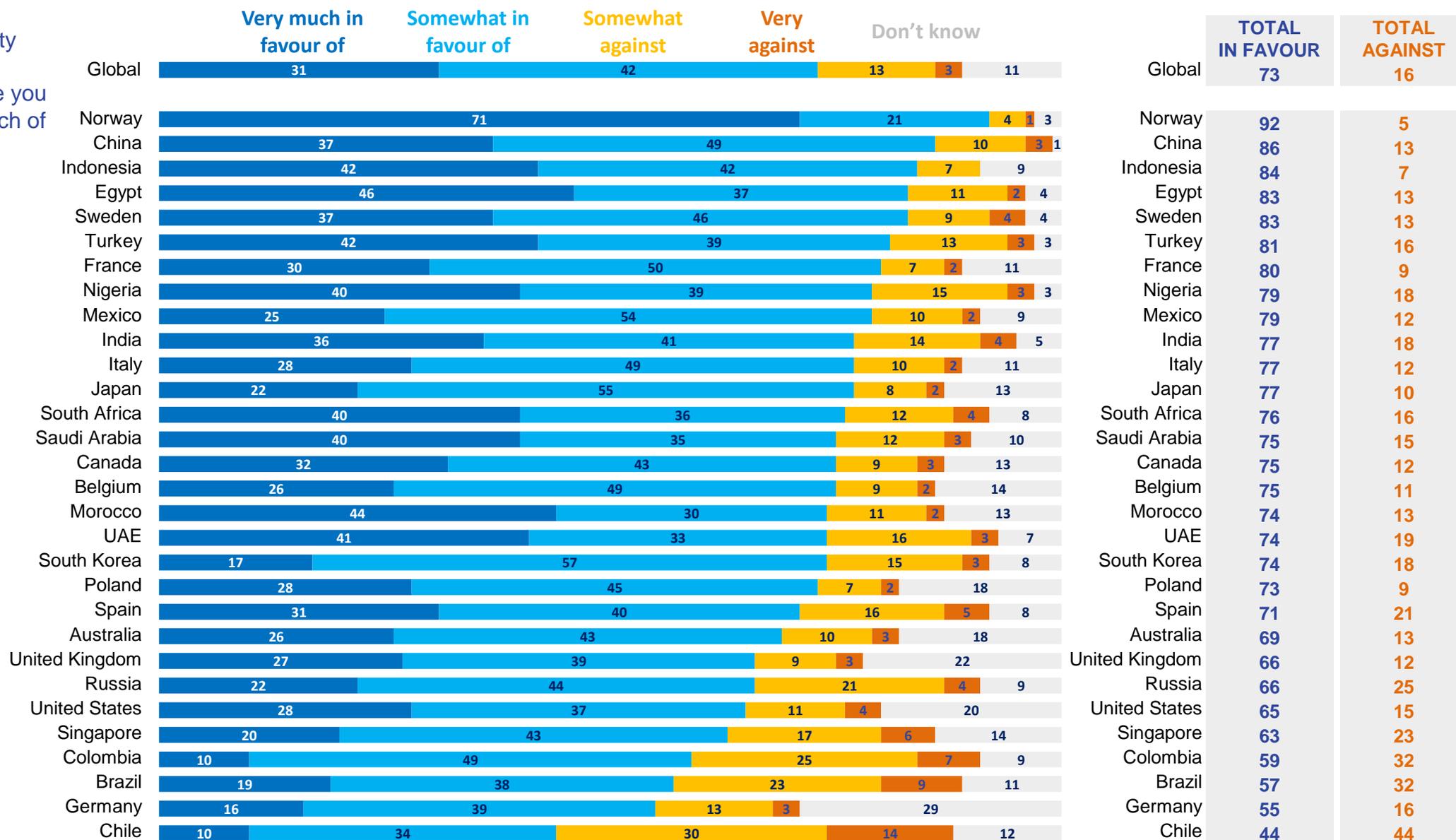
Opinion on electricity production methods: Coal-fired power plants

Q. To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?



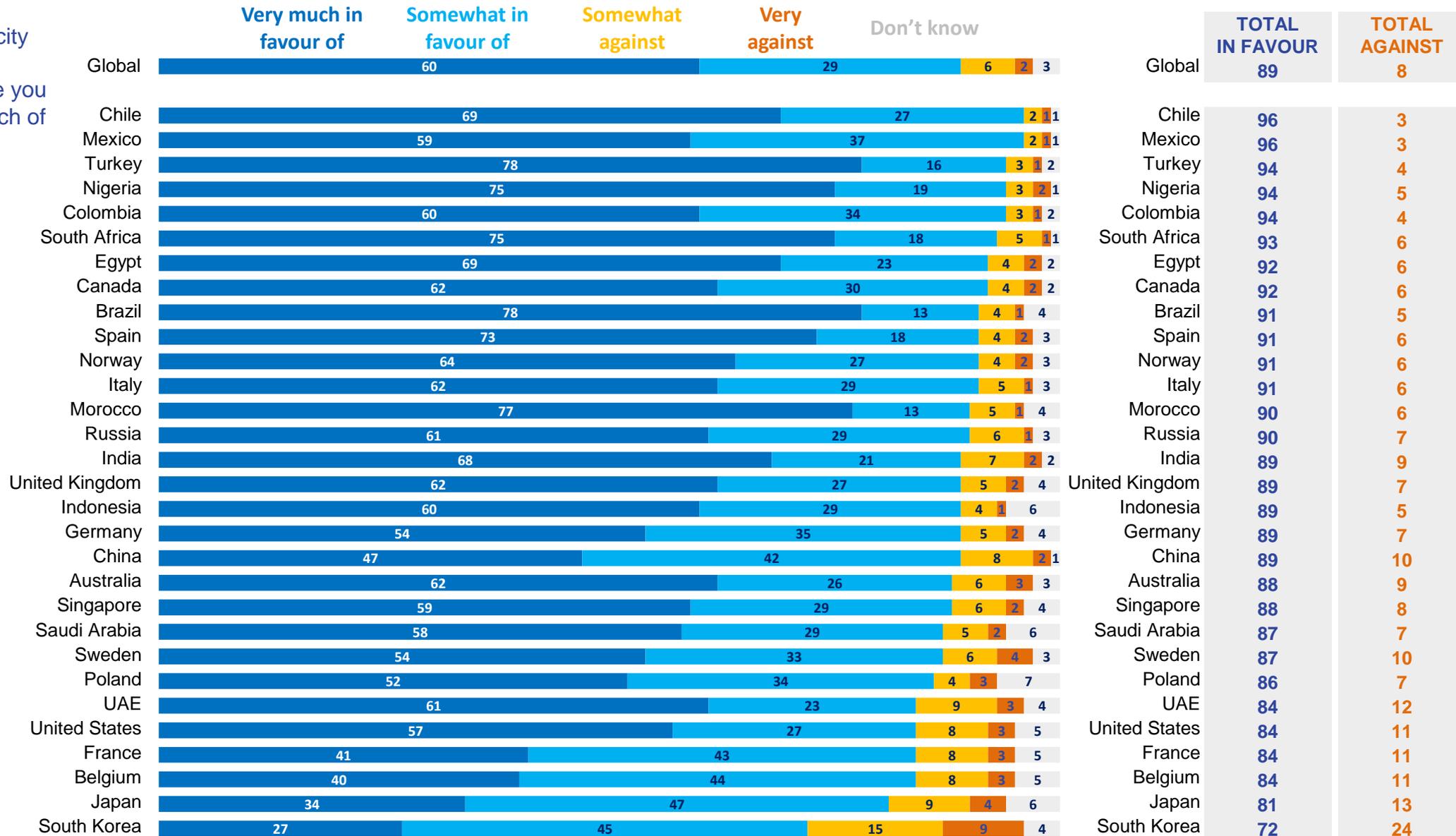
Opinion on electricity production methods: Hydraulic dams

Q To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?



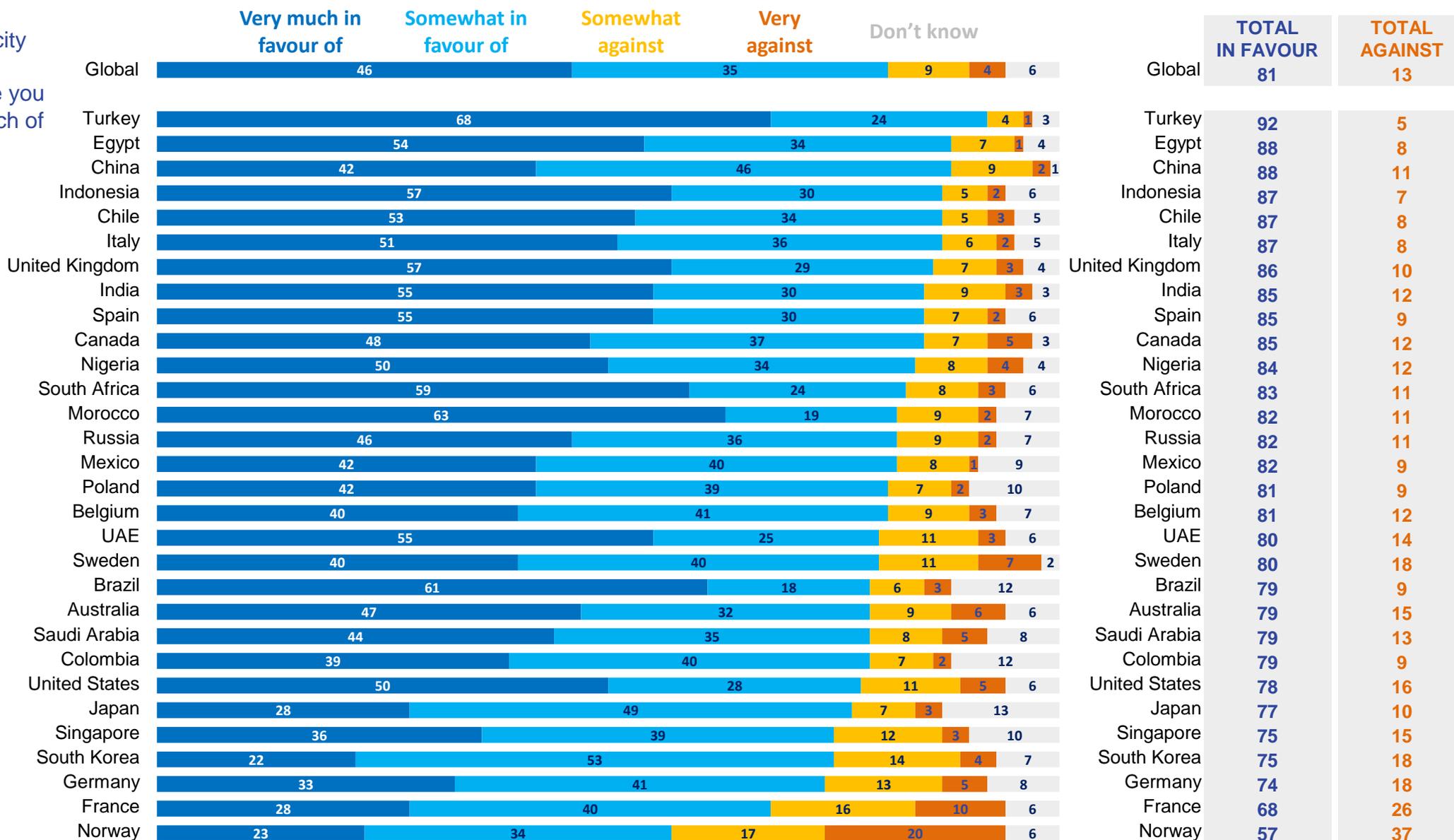
Opinion on electricity production methods: Solar panels

Q. To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?



Opinion on electricity production methods: Wind turbines

Q. To produce the electricity that you will need in the future in your country, are you in favour of or against each of the following production methods?



Mobilisation

wake
up



4

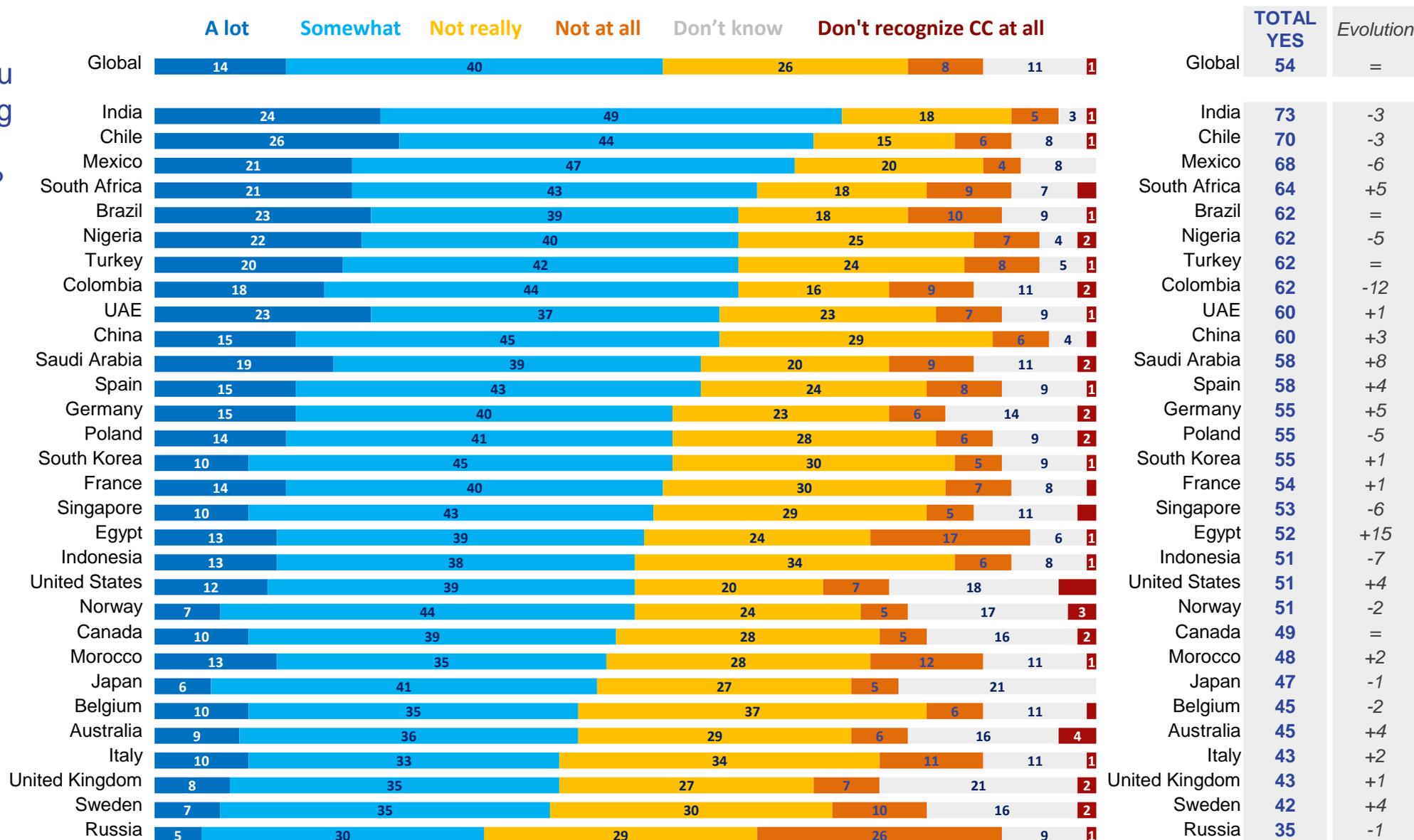
Entities needing to take action

Q. In your opinion, which entities in the following list need to take action first and foremost to fight climate change in your country?

	The government	Citizens /consumers	Private companies	Scientists	Political leaders	Local authorities	NGOs and non-profits
GLOBAL	69	45	33	26	25	21	12
Germany	65	46	30	23	41	15	7
Belgium	68	35	38	25	42	16	7
Spain	79	44	48	19	37	15	6
France	67	61	57	20	34	14	9
Italy	77	44	29	31	22	24	11
Norway	64	47	32	24	37	15	8
Poland	70	44	20	27	26	29	15
United Kingdom	73	39	42	19	30	19	5
Russia	82	29	18	44	17	35	7
Sweden	65	46	29	22	36	20	6
Canada	73	49	45	19	31	9	4
United States	55	43	38	26	25	11	8
Australia	72	37	38	24	37	12	4
China	52	38	31	32	34	46	18
South Korea	76	42	25	21	27	23	15
India	67	49	30	25	21	27	15
Indonesia	69	52	31	19	15	25	8
Japan	72	36	41	25	24	22	9
Singapore	74	44	37	11	22	24	9
Brazil	69	48	31	16	35	18	11
Chile	78	51	50	24	13	18	20
Colombia	70	57	43	21	15	20	23
Mexico	68	53	41	24	15	16	23
South Africa	72	51	31	33	21	18	11
Saudi Arabia	50	41	23	30	11	18	18
Egypt	71	42	14	43	17	22	25
UAE	62	33	22	25	20	23	14
Morocco	66	41	23	34	17	22	24
Nigeria	77	49	25	31	14	16	17
Turkey	75	43	19	38	24	30	16

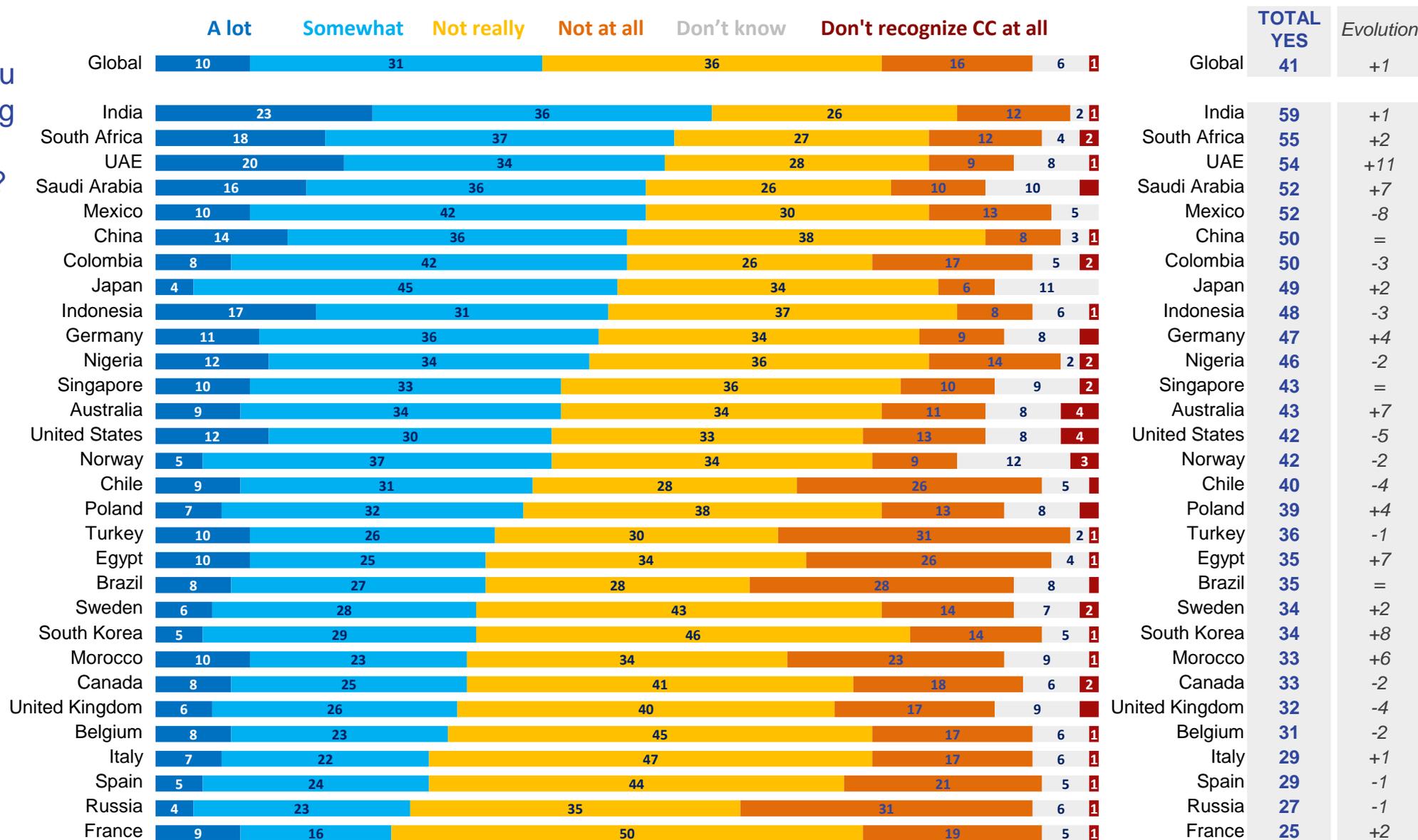
Level of actions: NGOs and non-profits

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



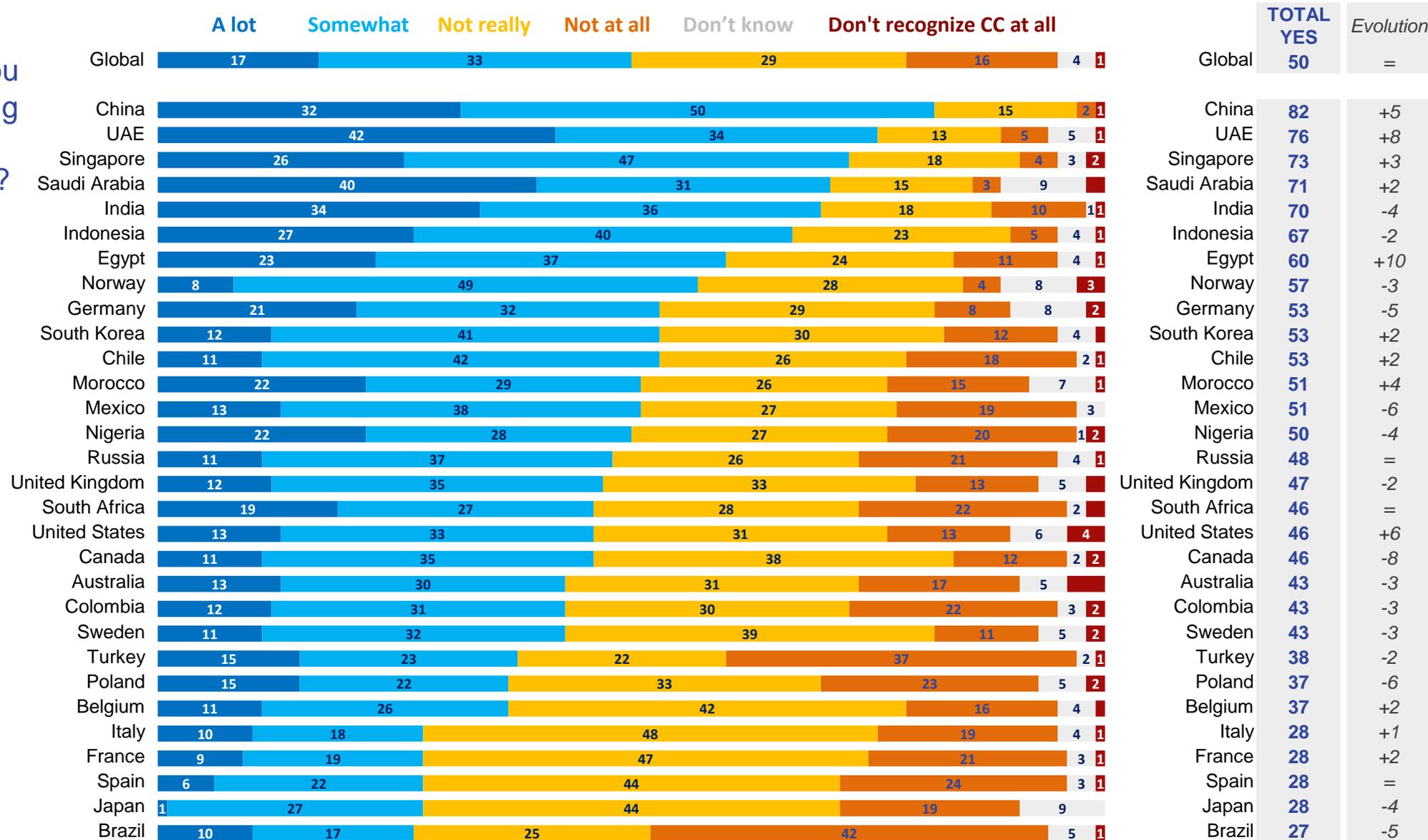
Level of actions: Private companies

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



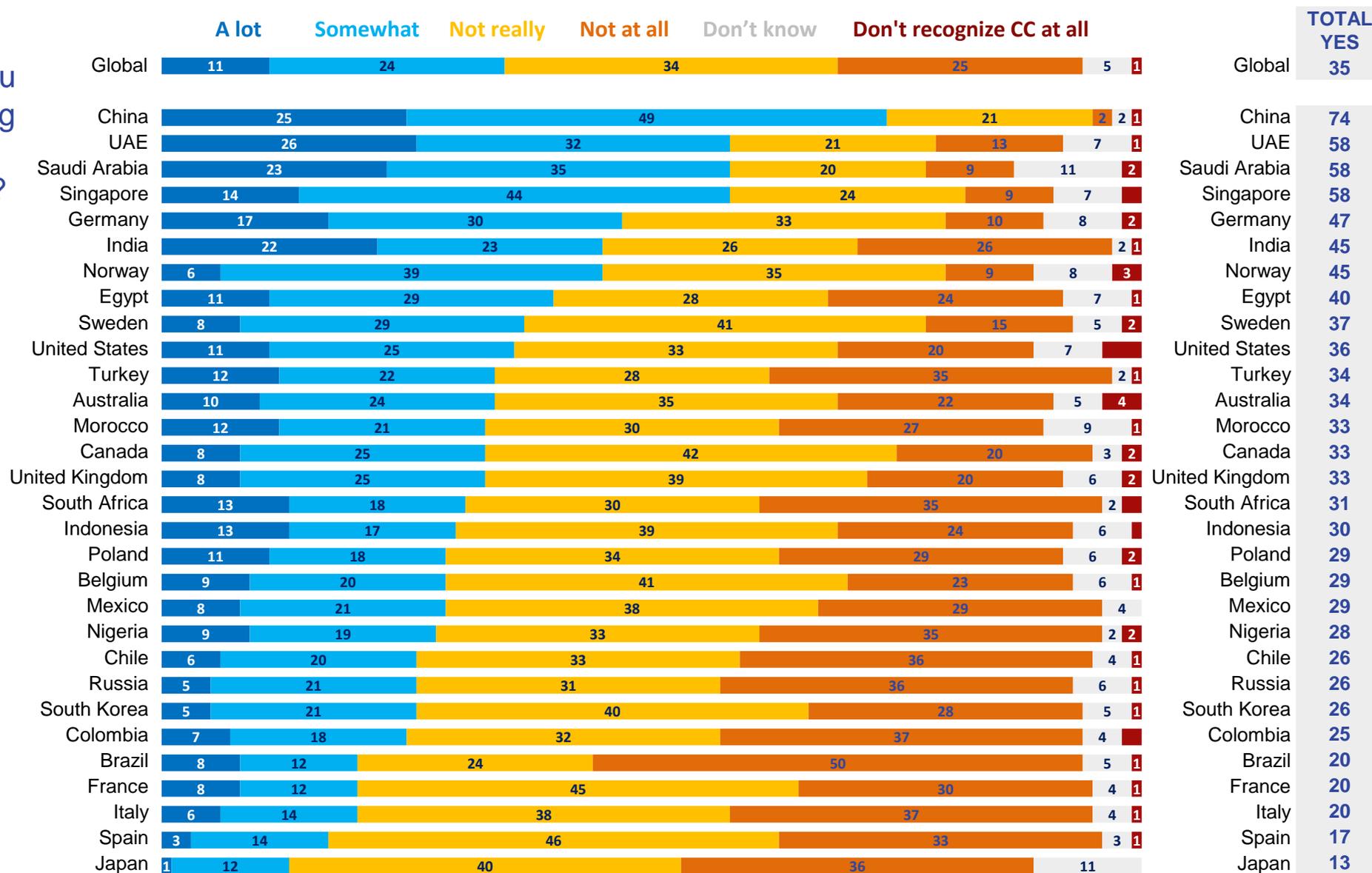
Level of actions: The government

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



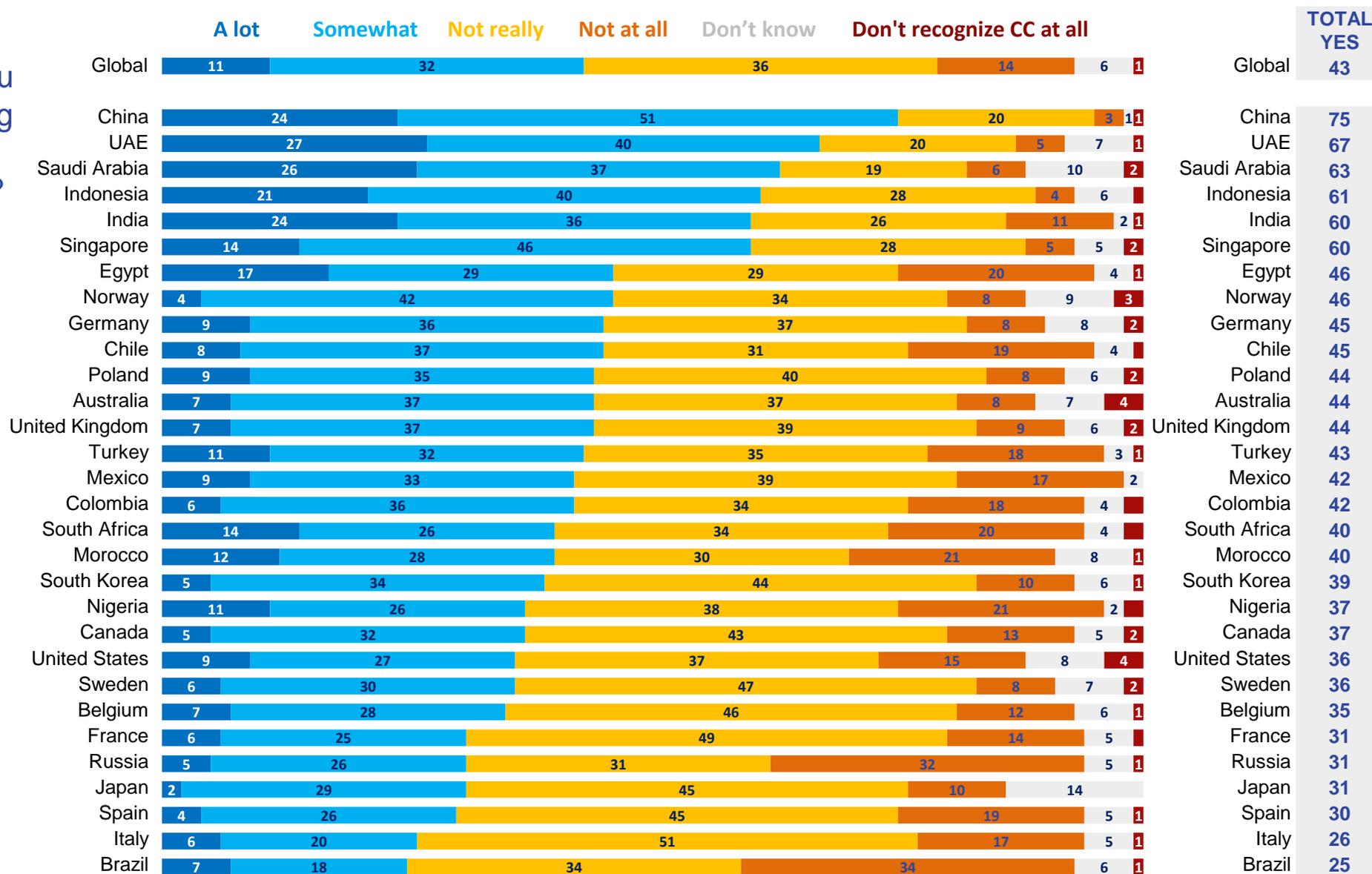
Level of actions: Political leaders

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



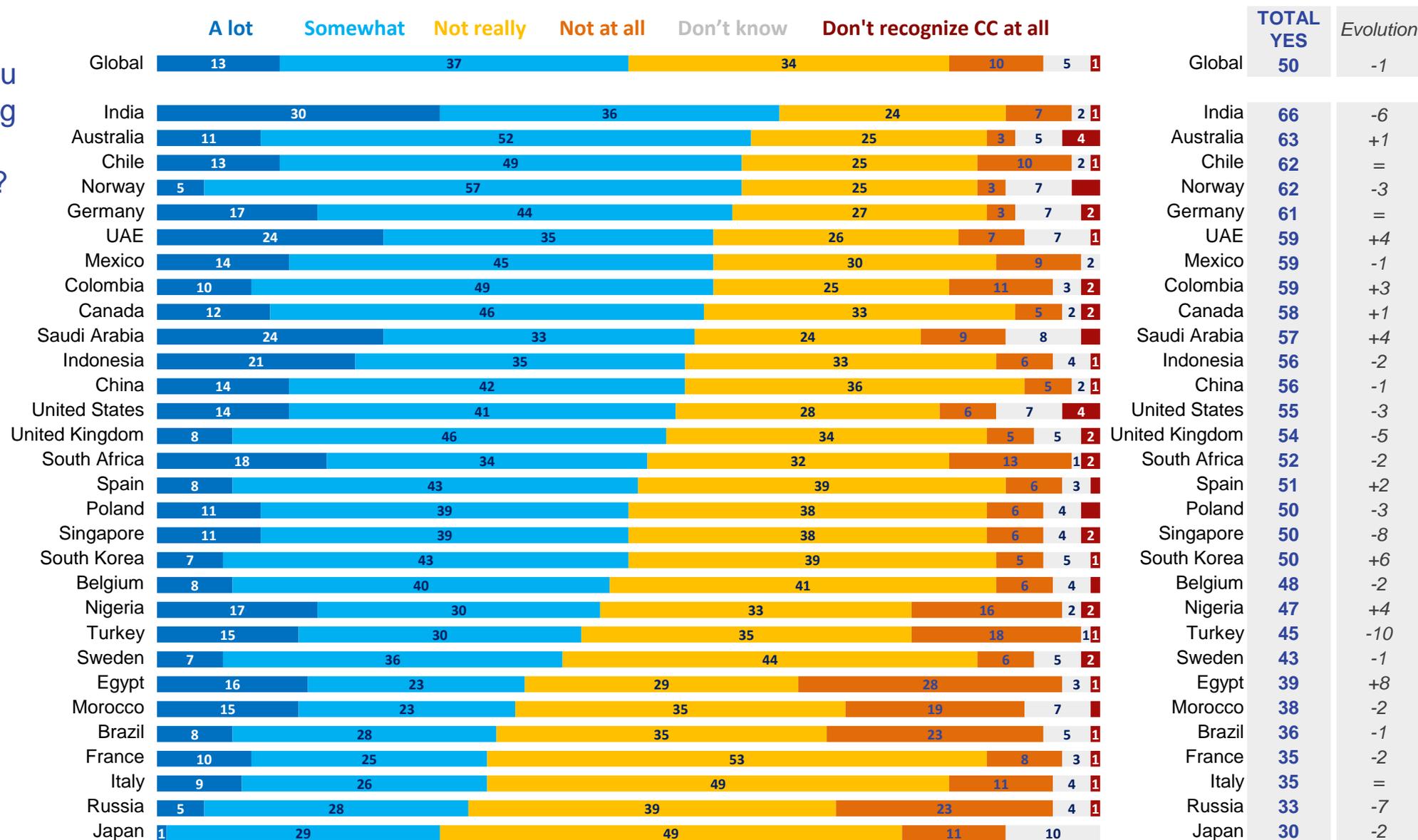
Level of actions: Local authorities

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



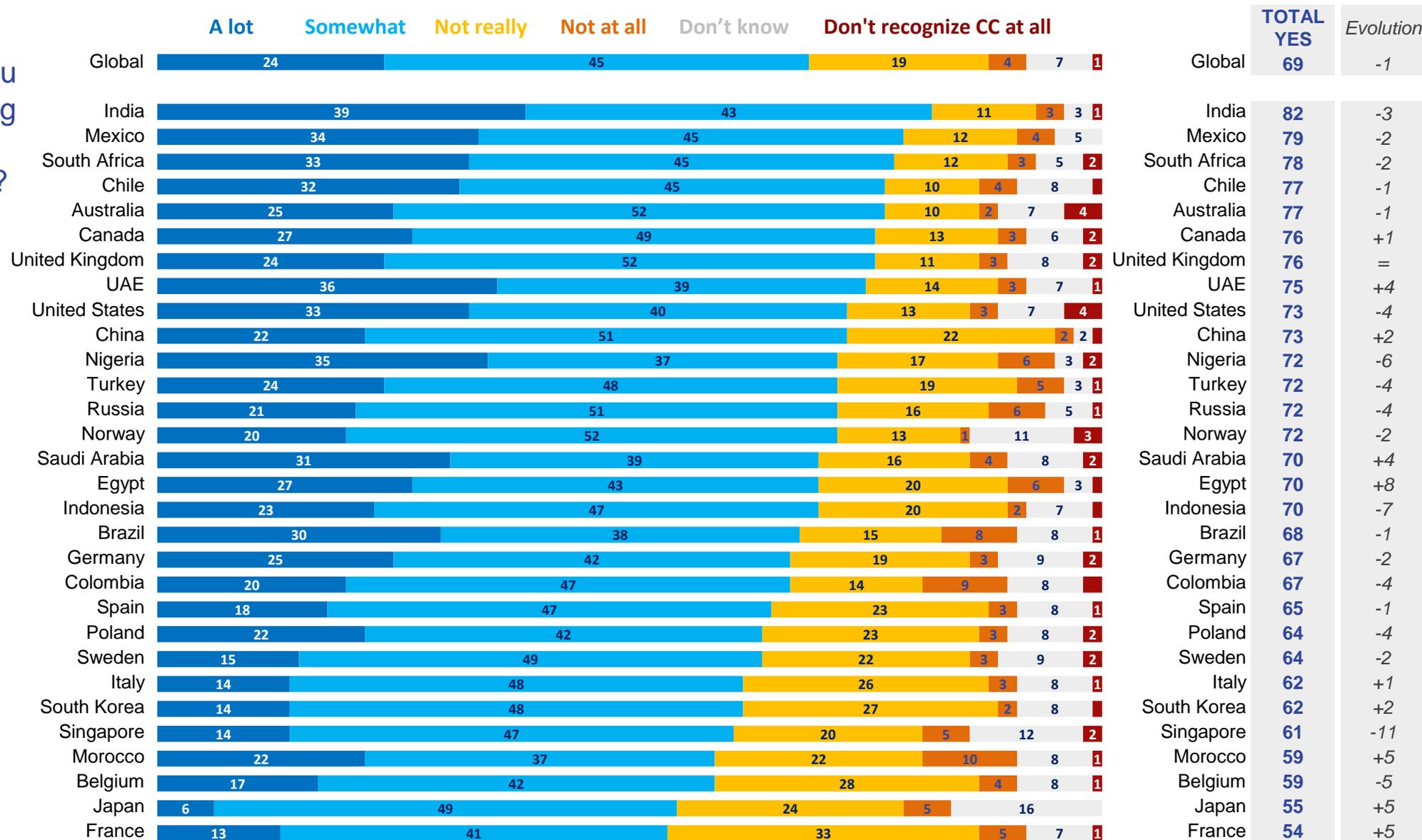
Level of actions : Citizens / consumers

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



Level of actions: Scientists

Q. For each of the following players, do you think that they are taking action to fight climate change in your country?



Perception of the country's efforts to fight climate change

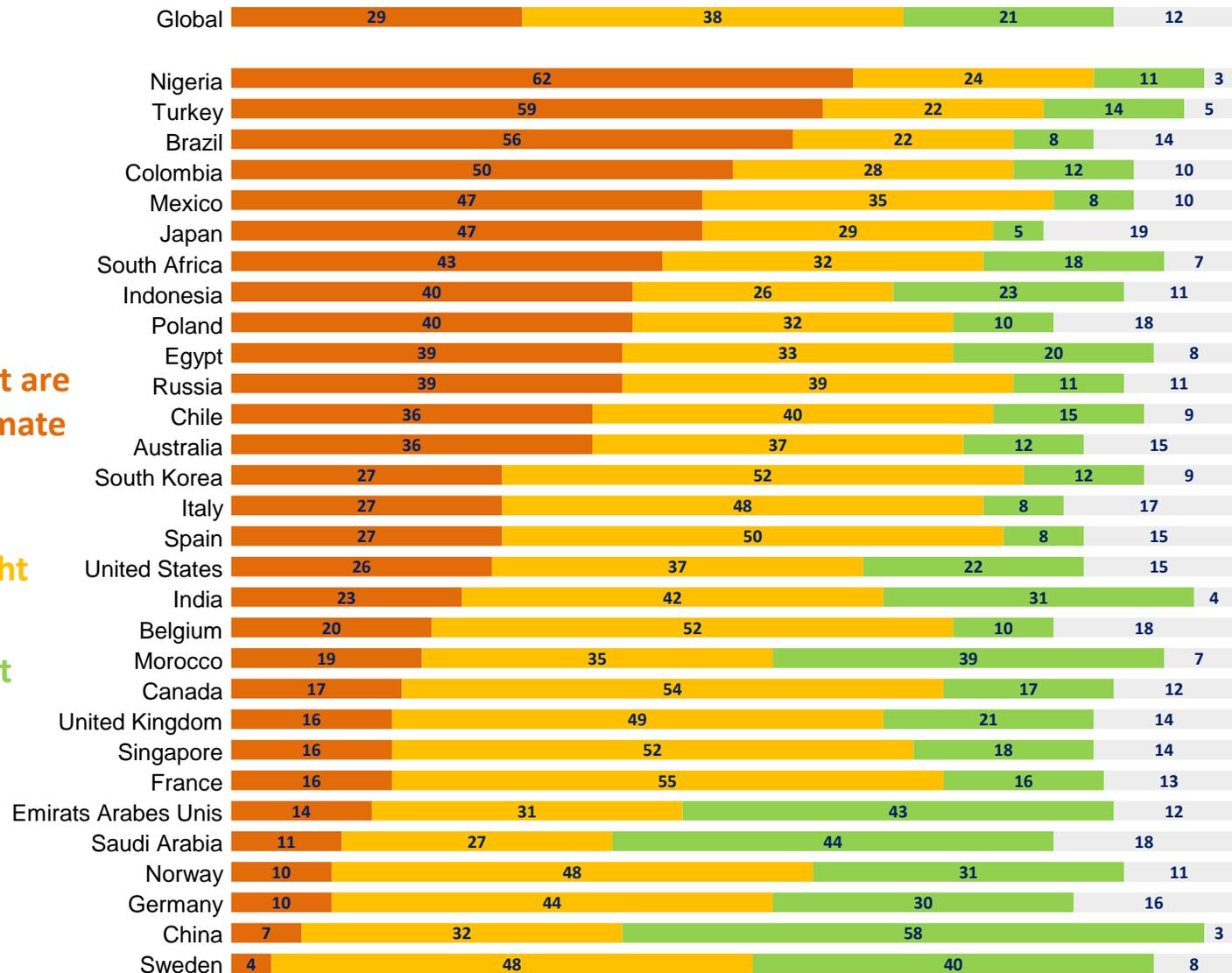
In your opinion, what is the situation of your country in terms of the fight against climate change?

Your country is amongst those that are making the least effort to fight climate change

Your country is making as much effort as the other countries to fight climate change

Your country is amongst those that are making the most effort and actively fighting climate change

Don't know



Act on a daily basis

5



Solutions to fight climate change

Q. Which of these three opinions is closest to your own?

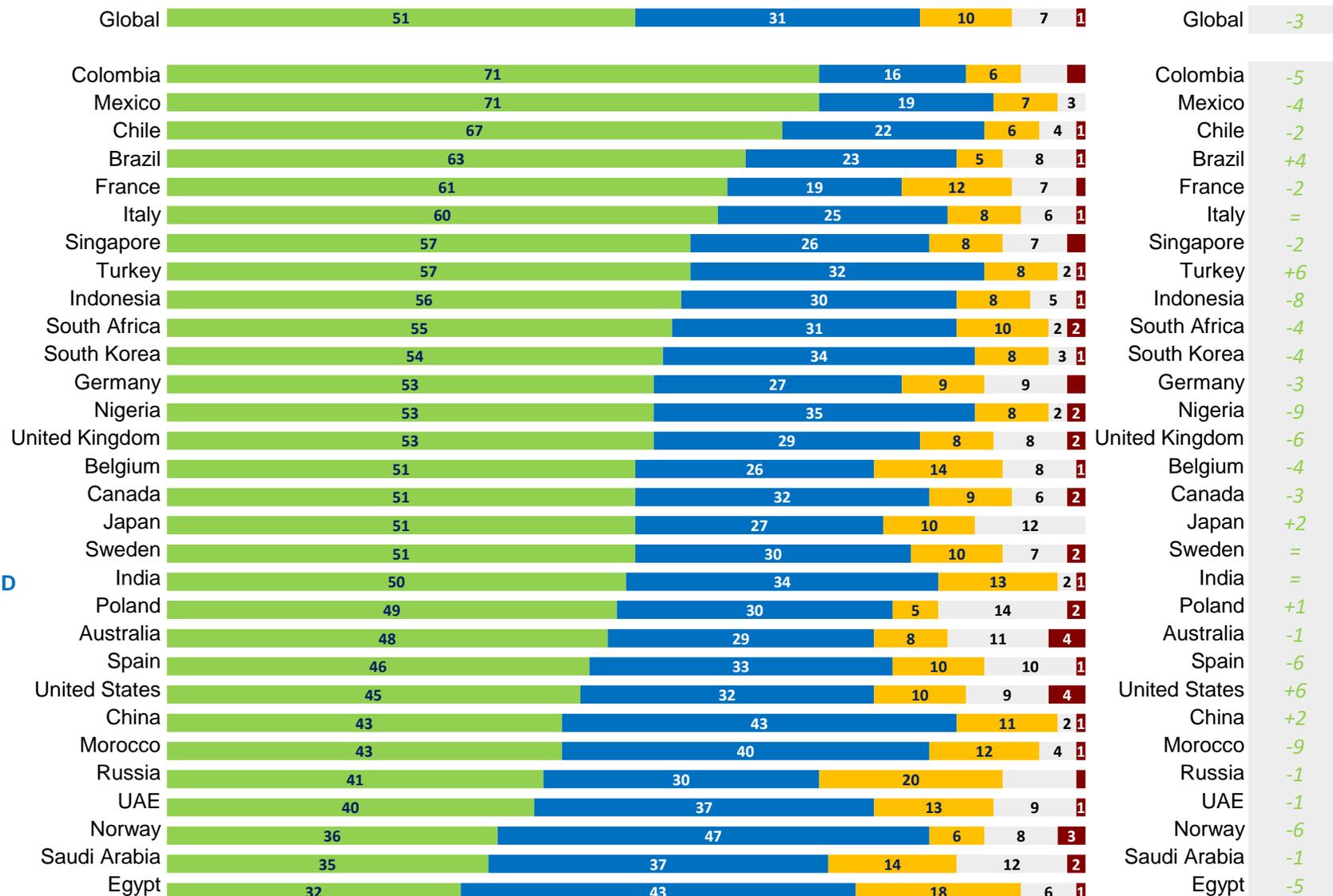
It is mainly through MAJOR CHANGES IN OUR LIFESTYLES that climate change will be limited

It is mainly through TECHNOLOGICAL ADVANCEMENT AND SCIENTIFIC INNOVATION that we will find solutions to climate change

THERE IS NOTHING TO BE DONE, we can no longer do anything to limit climate change

Don't know

Don't believe in Climate Change

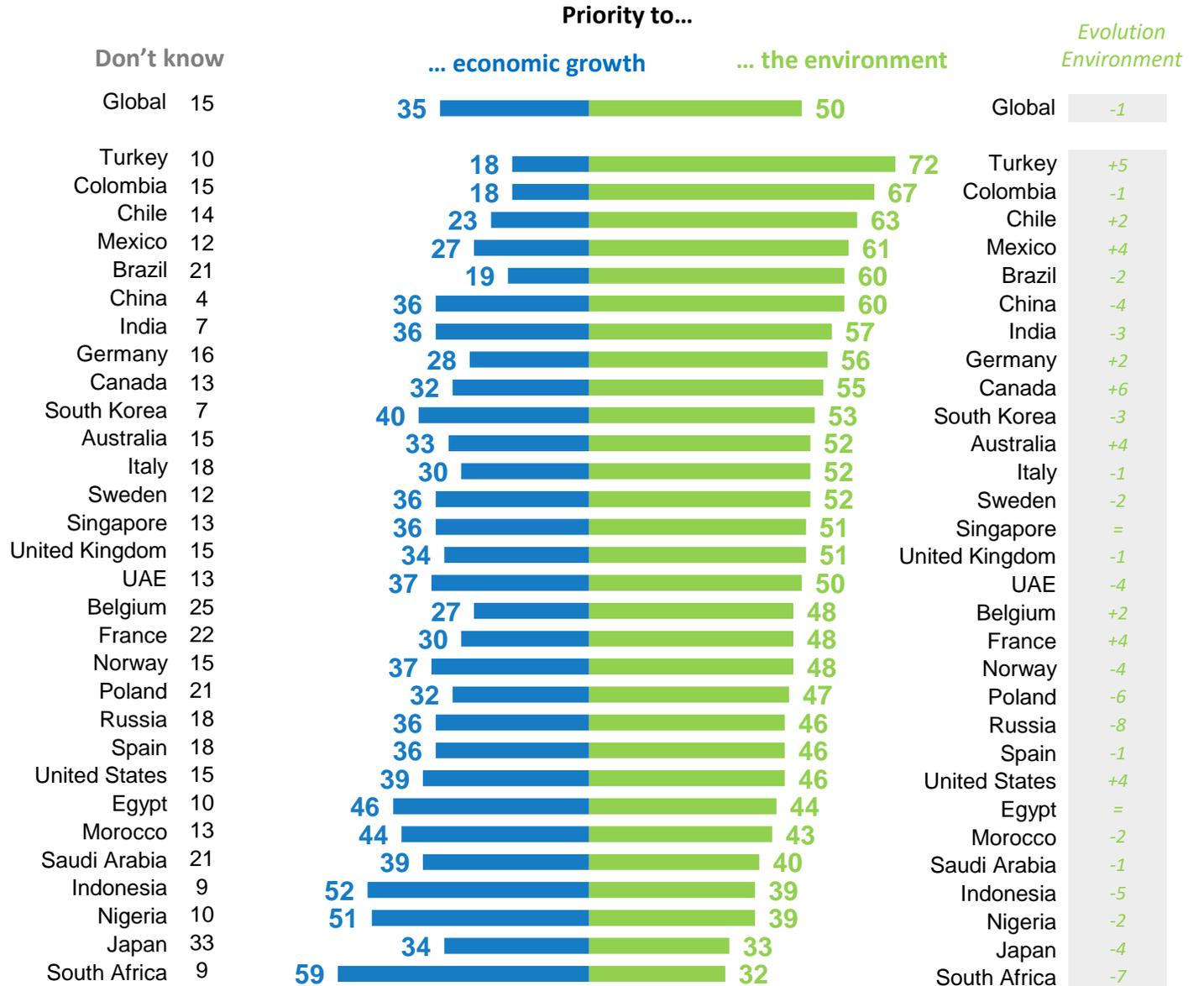


Priority to economic growth or to the environment?

Q. Which of the following two statements do you agree with most ?

Priority should be given to economic growth and jobs, even if it might have harmful consequences for the environment

Priority should be given to the environment, even if it might slow down economic growth in your country and cause job losses

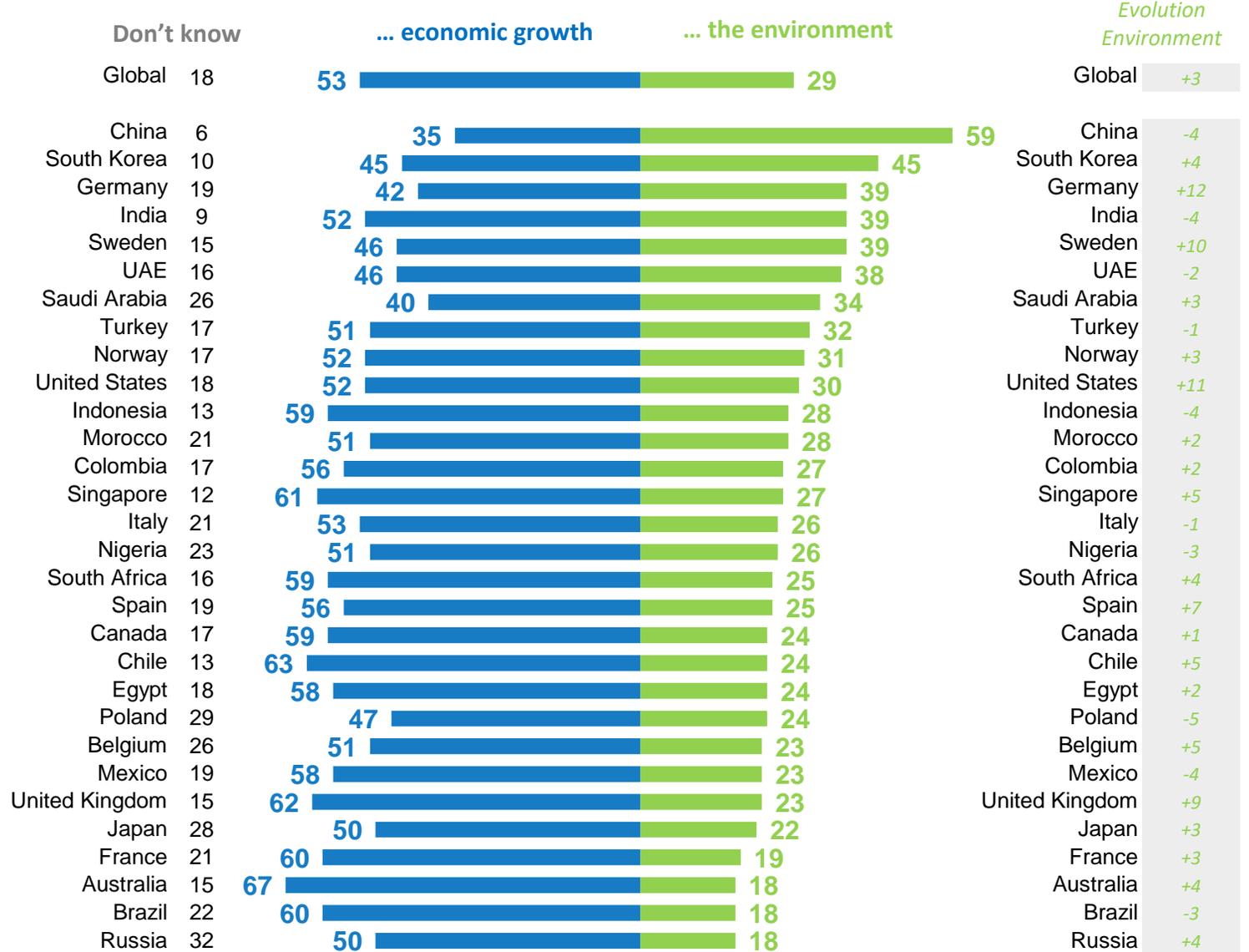


Priority to economic growth or to the environment? What will happen.

Q. And what do you think will happen over the next few months in your country?

Economic growth and jobs will take priority, even if this has negative effects on the environment

The environment will take priority, even if this causes economic growth to slow down and jobs to be lost



Impact of prioritizing the environment on employment

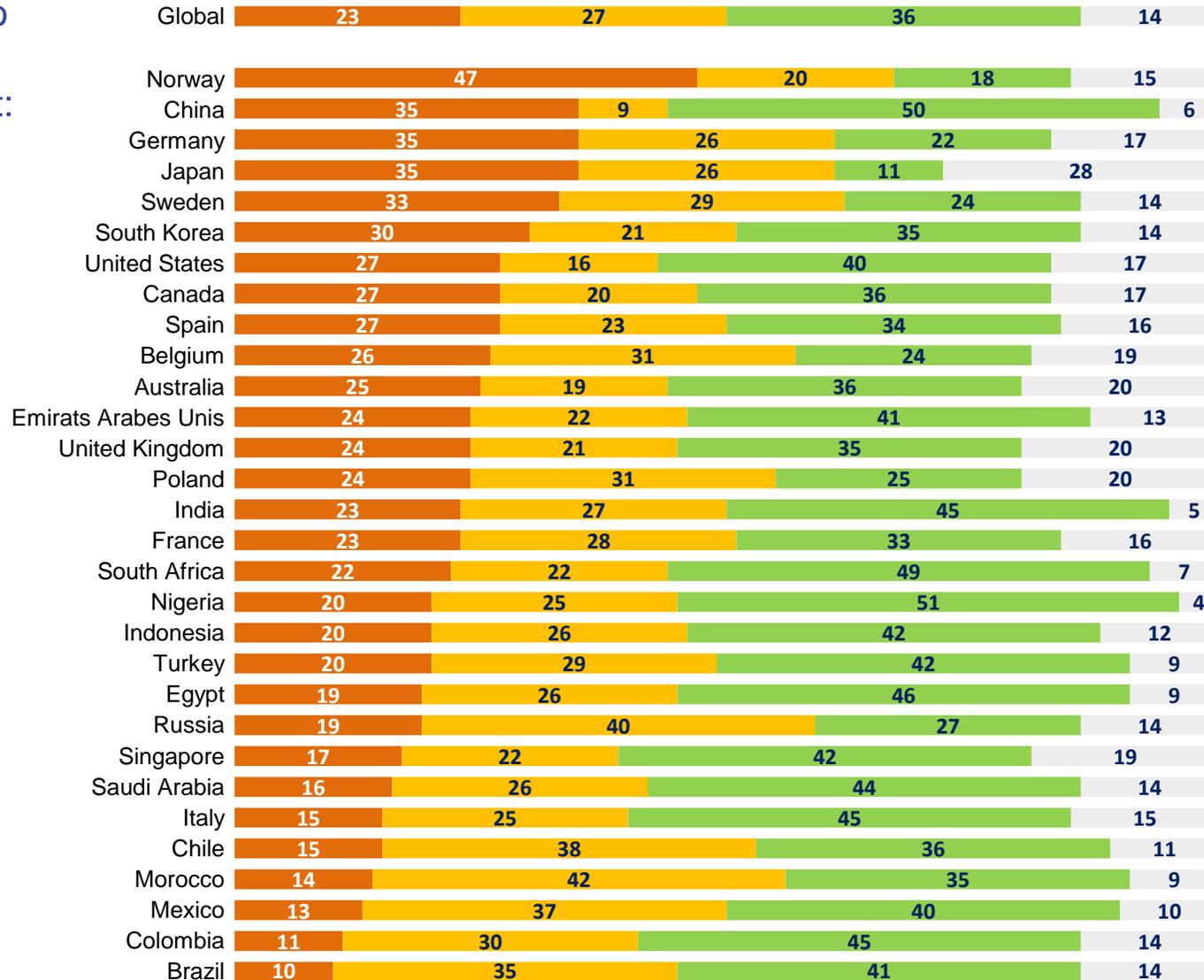
Q. If the decision was made to prioritize the environment in your country, do you think that:

It would destroy more jobs in your country than it would create

It would have no consequences on employment in your country

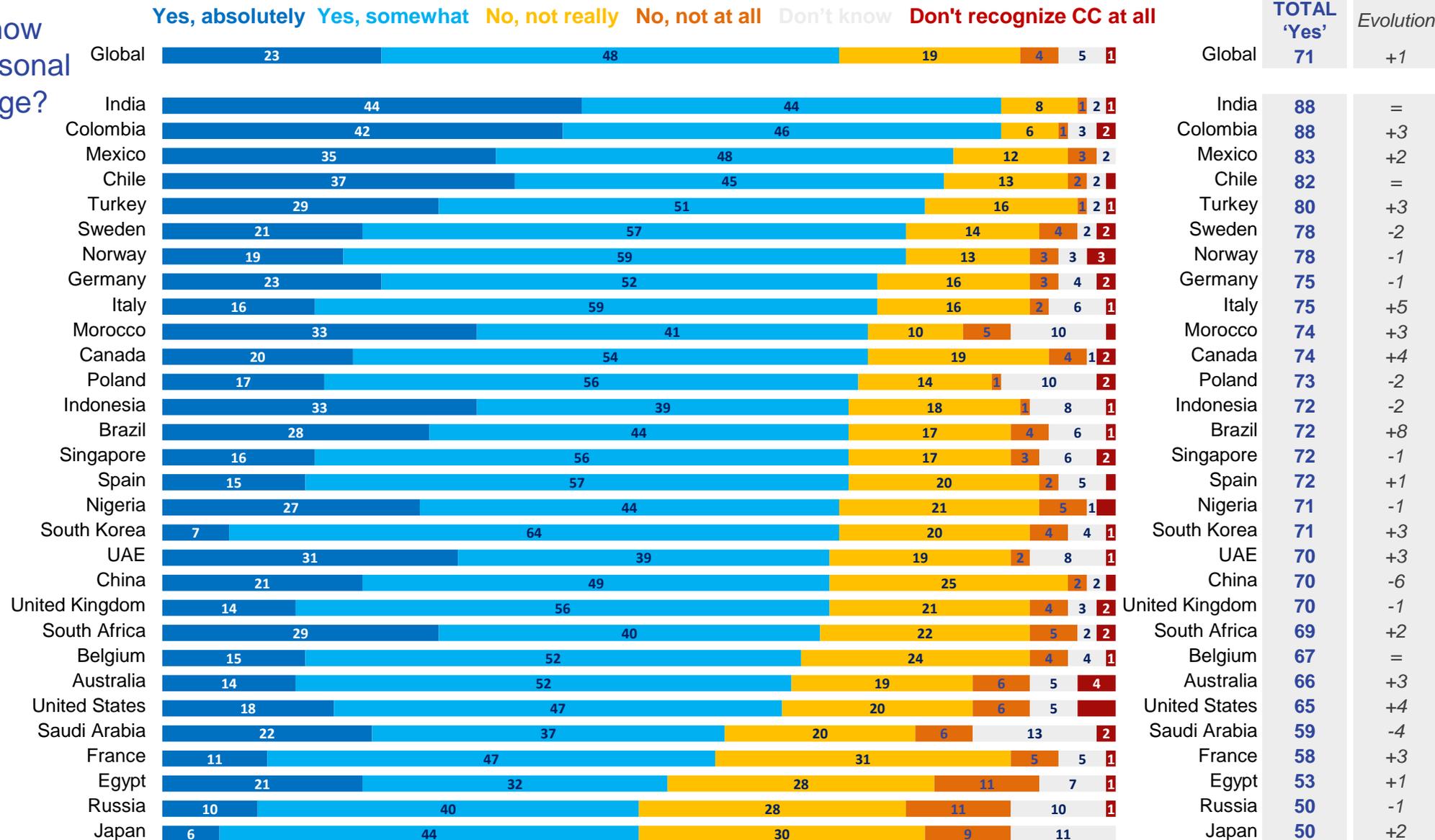
It would create more jobs in your country than it would destroy

Don't know



Know of what to do on a personal level

Q. Do you feel like you know what you can do on a personal level to fight climate change?



Actions to reduce CO2 emissions : RECAP

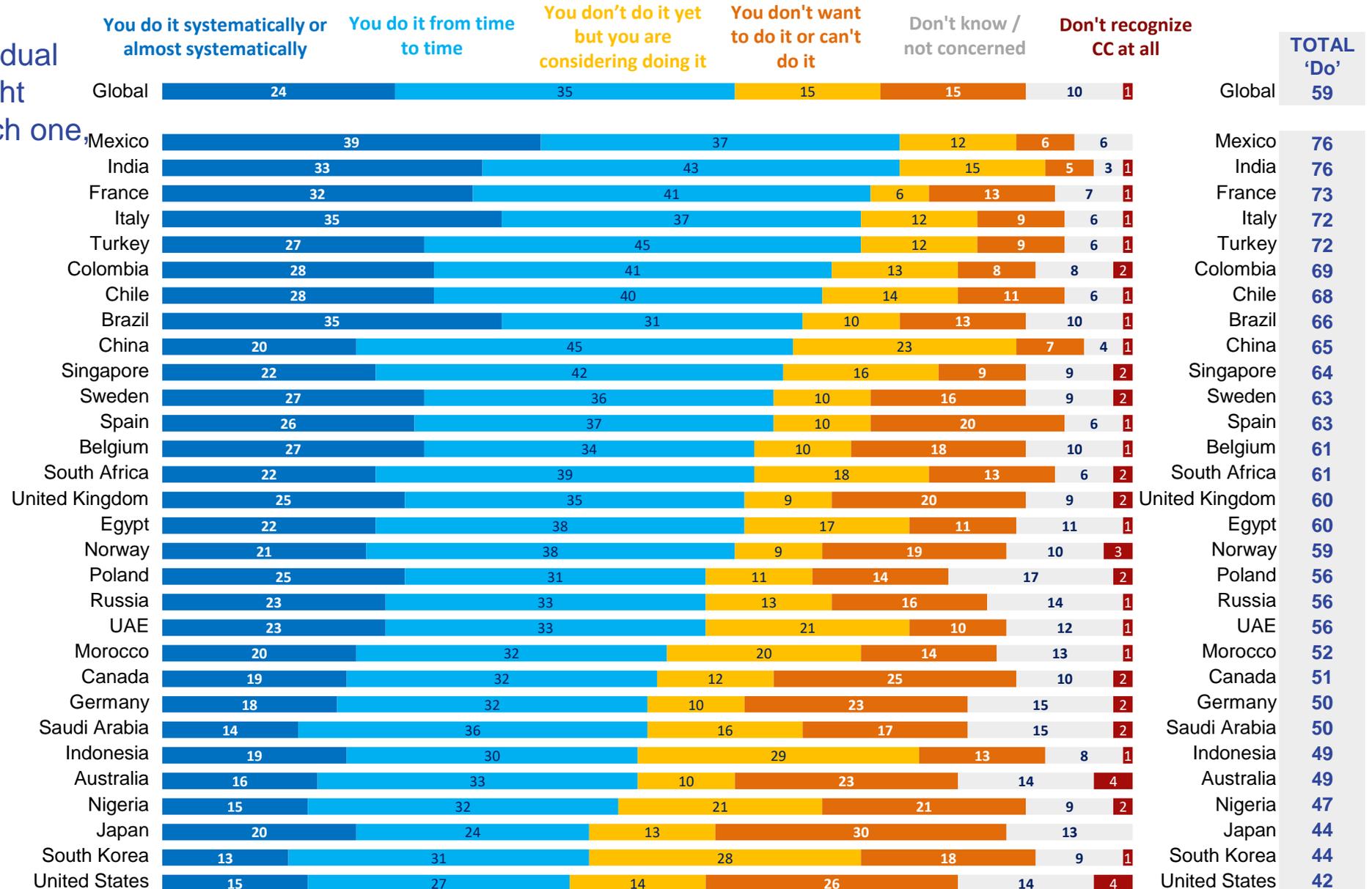
Q. Here are some individual actions that can help fight climate change. For each one, tell me if:

You do it systematically or almost systematically

	Sorting your waste	Prioritizing seasonal fruits and vegetables	Limiting heating or air conditioning in your home	Choosing products with the least possible packaging	Taking public transport	Avoiding taking planes whenever possible	Avoiding travelling by car whenever possible	Avoiding buying products made in distant countries	Using renewable energy	Limiting your meat consumption	Buying second-hand goods rather than new	Traveling by bicycle
GLOBAL	48	44	33	28	28	26	24	21	19	18	18	17
Germany	77	39	37	35	22	34	18	21	21	25	14	24
Belgium	81	46	41	31	22	38	27	19	20	20	17	16
Spain	62	53	45	33	28	31	26	21	14	21	16	10
France	80	63	49	32	19	32	32	29	17	24	20	10
Italy	81	66	44	36	22	35	35	30	20	29	15	22
Norway	77	39	27	24	24	25	21	16	30	16	14	17
Poland	71	53	26	33	24	26	25	20	13	14	20	21
United Kingdom	74	31	40	32	25	33	25	17	21	21	19	9
Russia	19	42	17	18	27	22	23	16	10	11	7	13
Sweden	67	32	24	23	27	35	27	19	27	16	22	25
Canada	70	39	32	25	16	21	19	16	12	14	20	8
United States	40	28	26	19	12	27	15	17	15	14	22	11
Australia	62	38	33	25	17	18	16	22	24	16	16	7
China	31	32	19	20	28	18	20	20	19	12	15	21
South Korea	48	31	19	25	39	17	13	14	18	9	9	11
India	39	49	43	38	35	34	33	36	35	35	28	29
Indonesia	22	29	28	25	21	15	19	18	17	14	18	16
Japan	71	35	22	22	28	29	20	9	6	5	7	23
Singapore	23	22	31	18	46	13	22	10	13	12	11	9
Brazil	47	43	47	39	43	32	35	27	14	22	21	24
Chile	32	62	42	38	40	27	28	22	19	21	25	17
Colombia	50	59	49	47	39	26	28	32	21	20	17	29
Mexico	42	61	44	39	46	30	39	26	19	17	27	25
South Africa	32	39	34	27	28	26	22	20	23	17	18	14
Saudi Arabia	19	36	18	18	15	13	14	20	18	13	17	12
Egypt	20	58	34	26	32	19	22	24	17	16	15	10
UAE	26	35	23	25	21	20	23	20	24	21	22	17
Morocco	18	44	34	27	32	18	20	21	20	25	20	14
Nigeria	31	38	27	22	24	19	15	20	26	21	20	14
Turkey	35	58	35	31	43	25	27	26	15	18	19	19

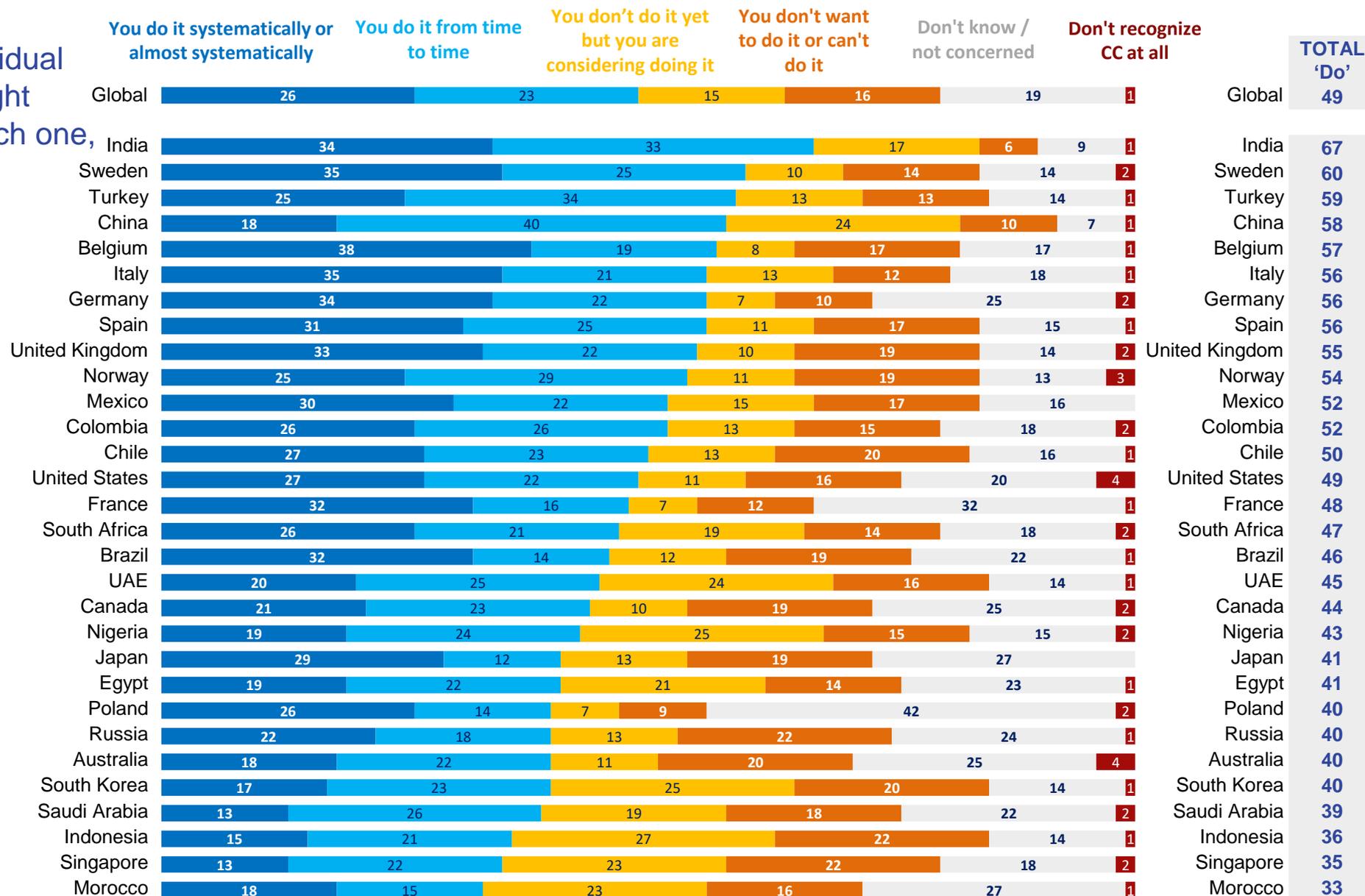
Actions to reduce CO2 emissions: Avoiding travelling by car whenever possible

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



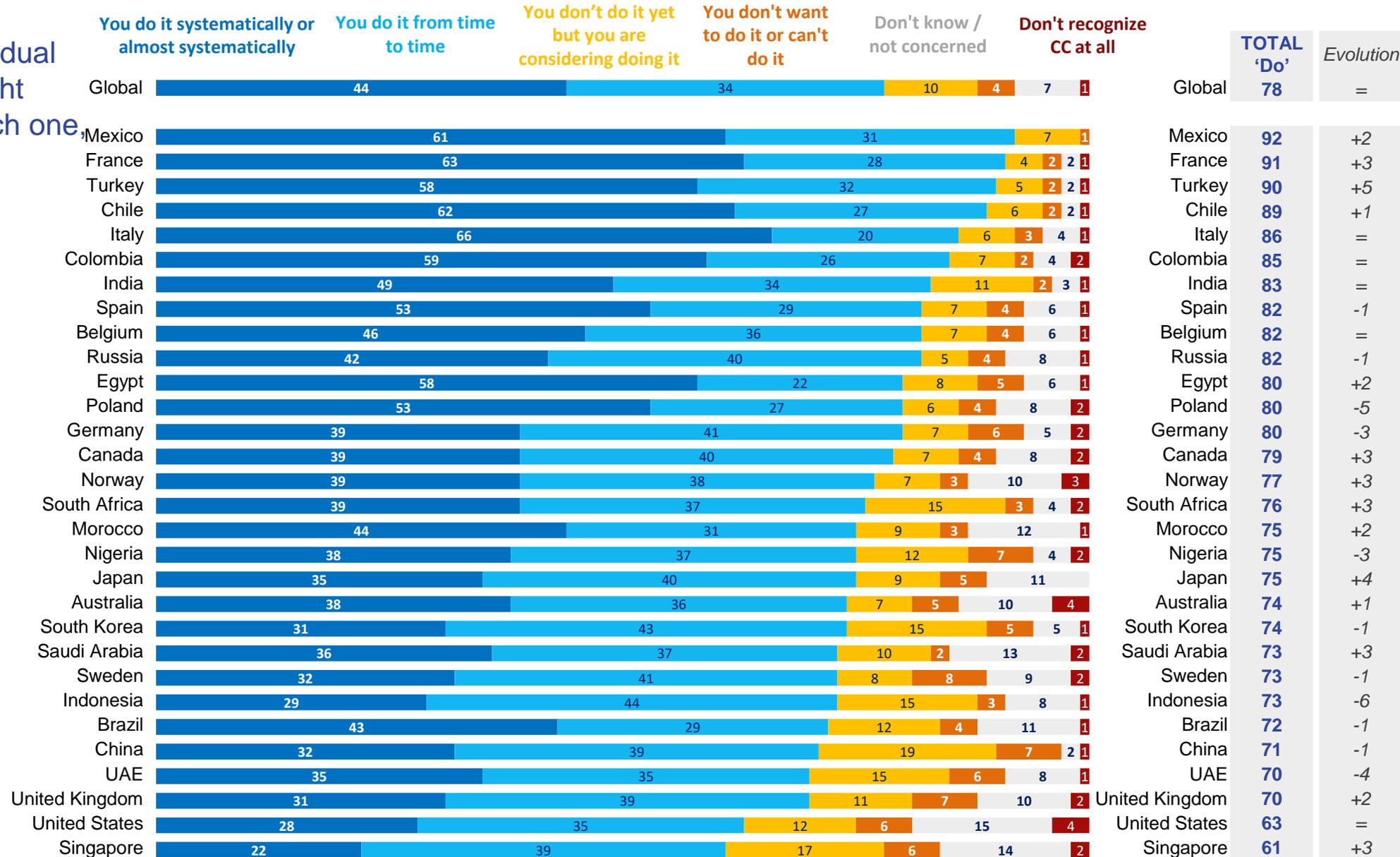
Actions to reduce CO2 emissions: Avoiding taking planes whenever possible

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



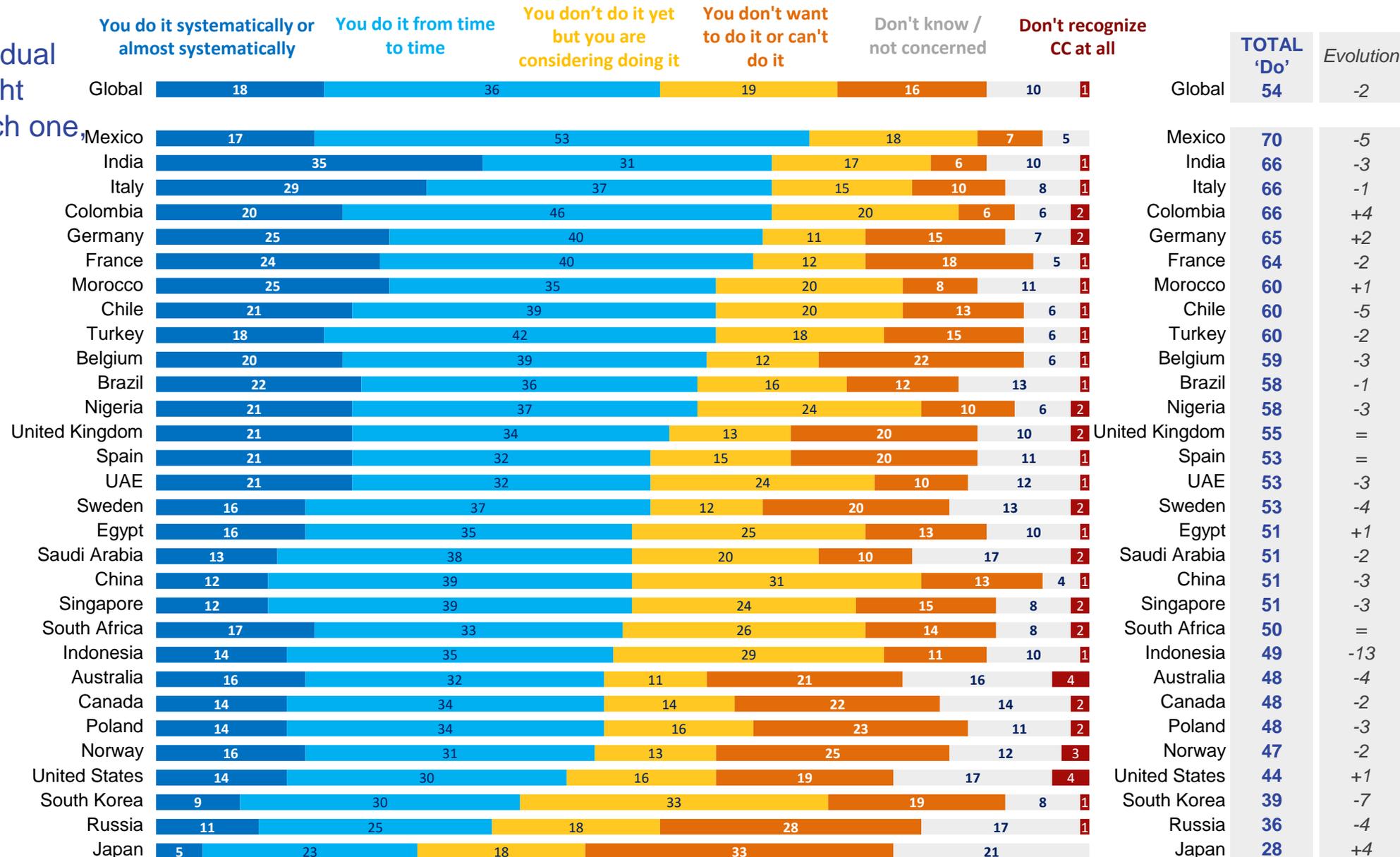
Actions to reduce CO2 emissions: Prioritizing seasonal fruits and vegetables

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



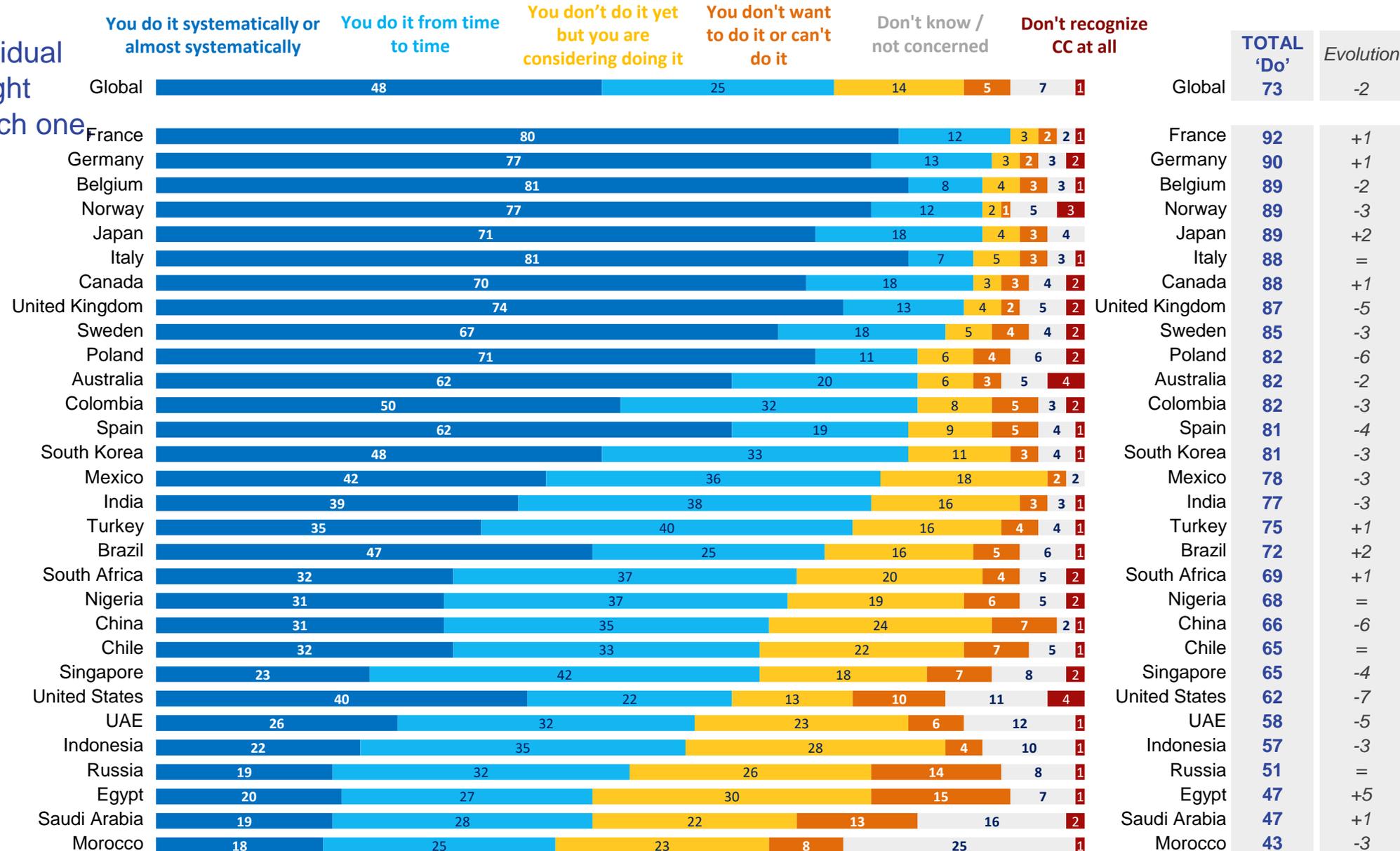
Actions to reduce CO2 emissions: Limiting your meat consumption

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



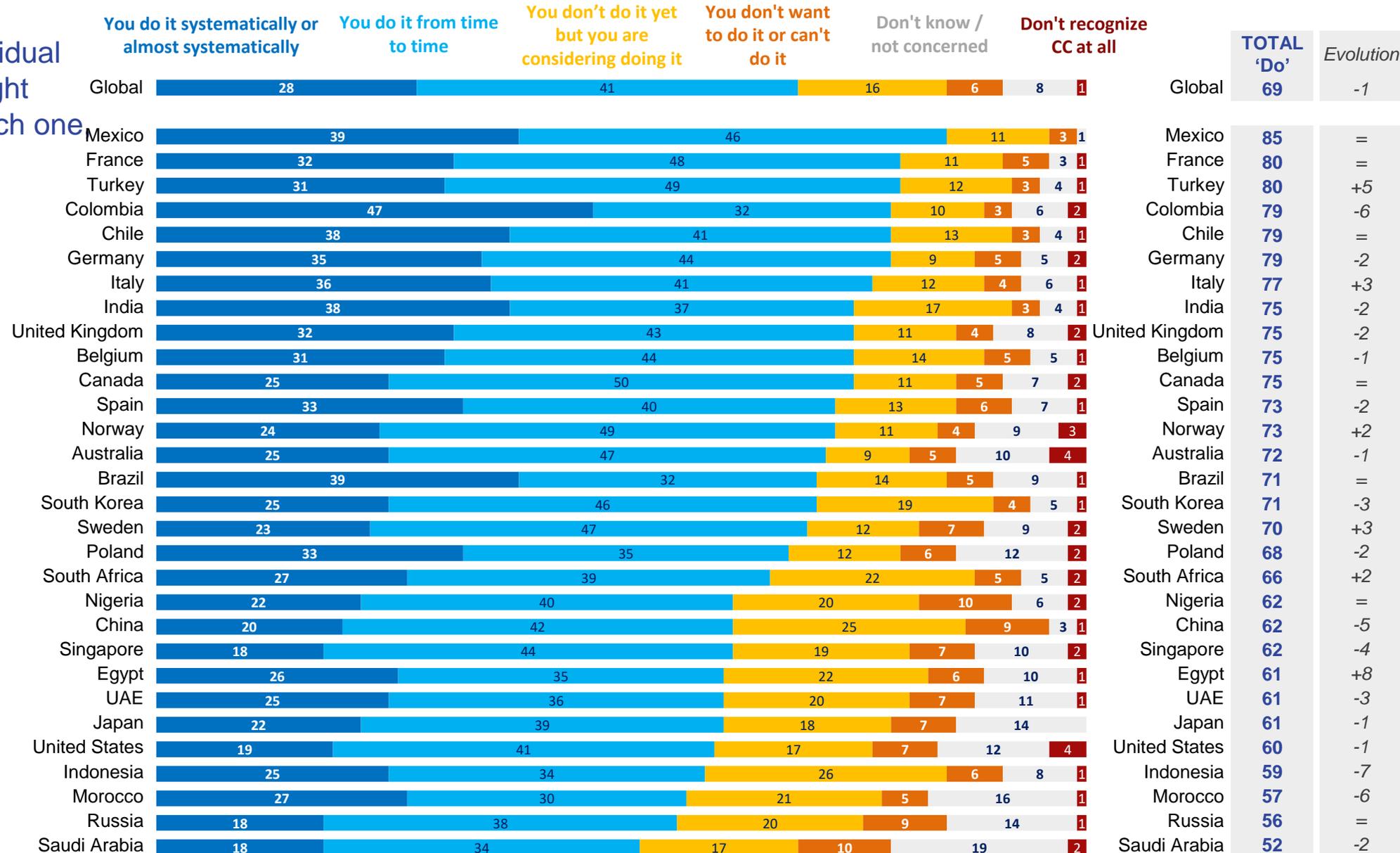
Actions to reduce CO2 emissions: Sorting your waste

Q. Here are some individual actions that can help fight climate change. For each one tell me if:



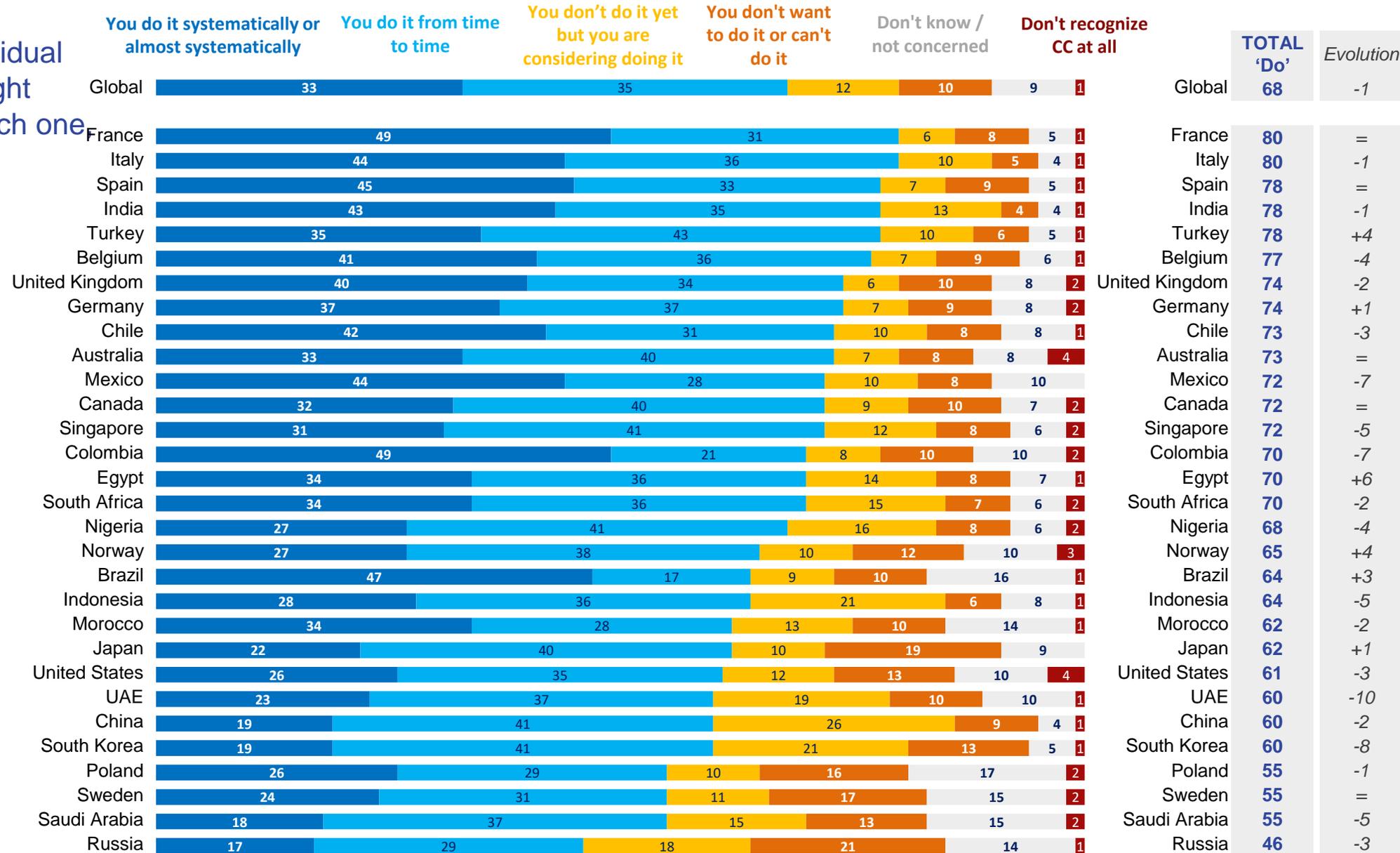
Actions to reduce CO2 emissions: Choosing products with the least possible packaging

Q. Here are some individual actions that can help fight climate change. For each one tell me if:



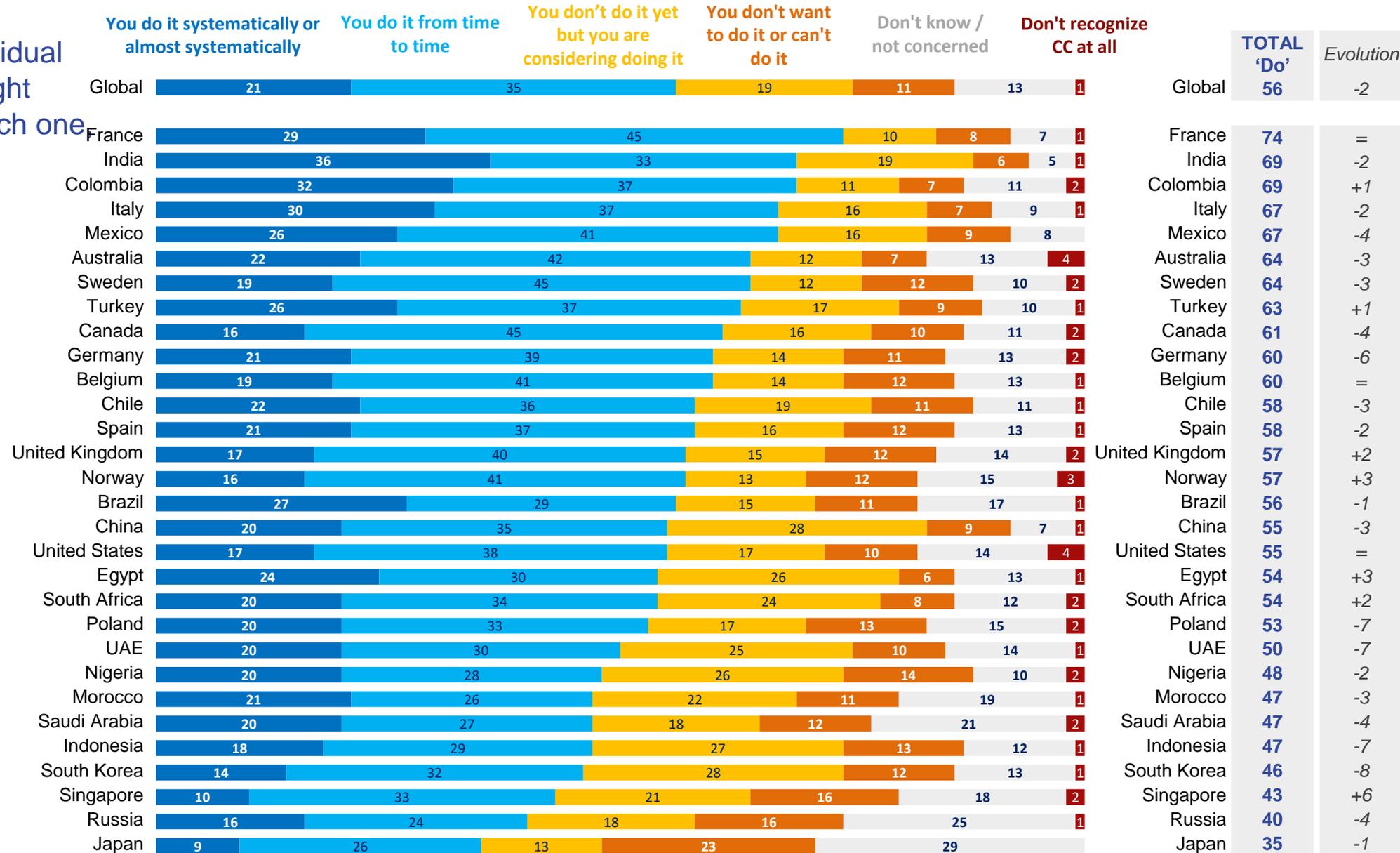
Actions to reduce CO2 emissions: Limiting heating or air conditioning in your home

Q. Here are some individual actions that can help fight climate change. For each one tell me if:



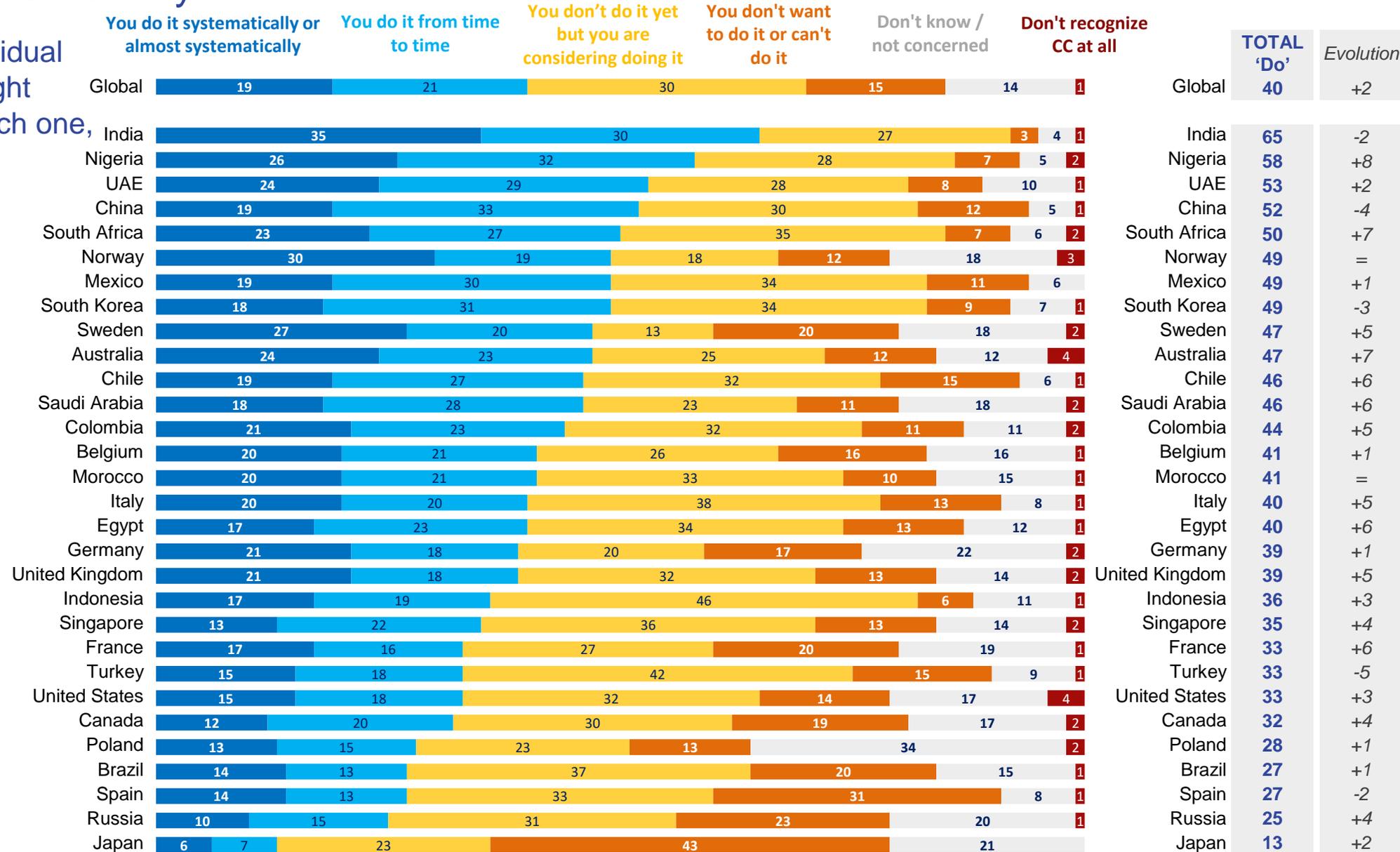
Actions to reduce CO2 emissions: Avoiding buying products made in distant countries

Q. Here are some individual actions that can help fight climate change. For each one tell me if:



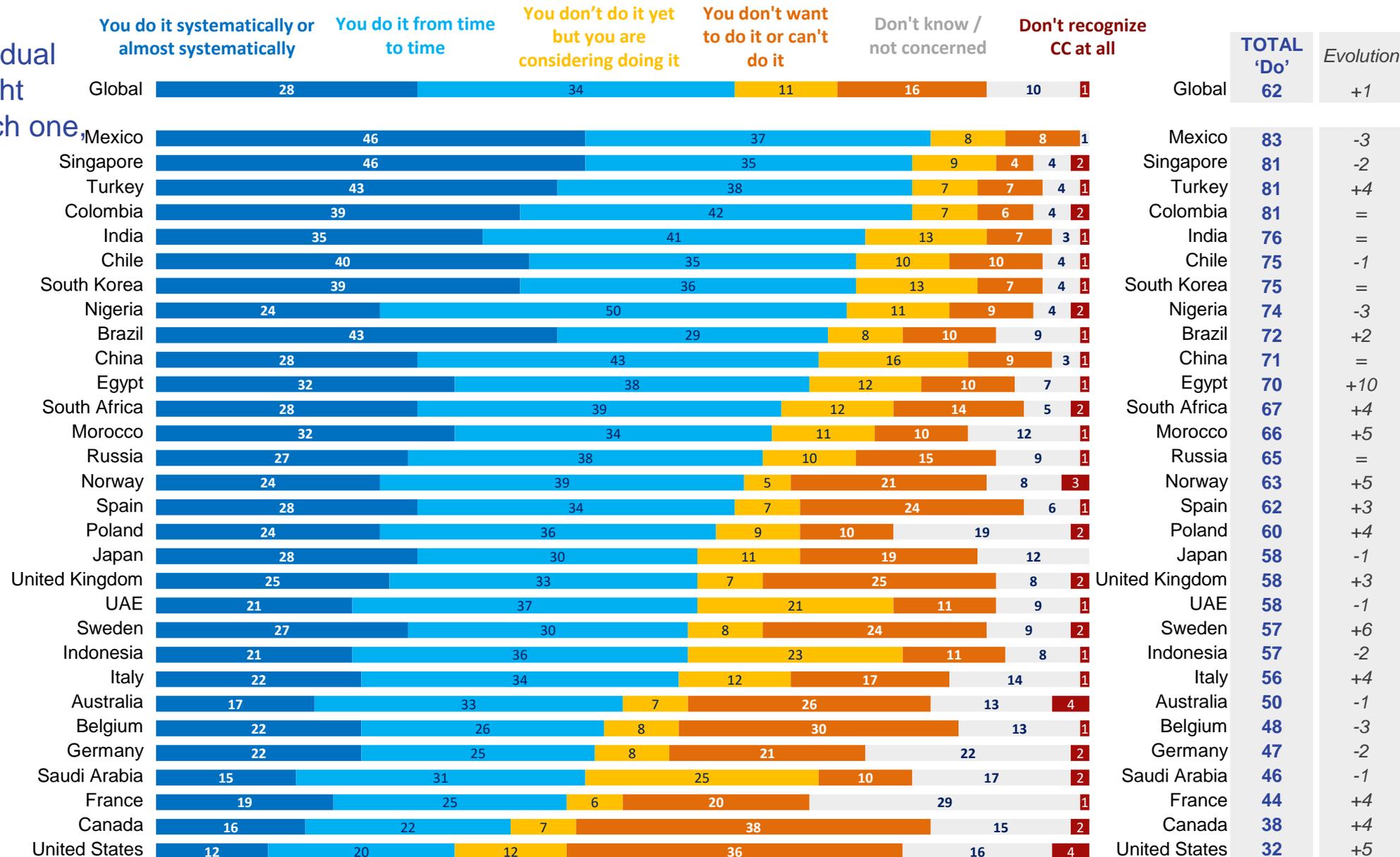
Actions to reduce CO2 emissions: Using renewable energy for heating or producing your electricity

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



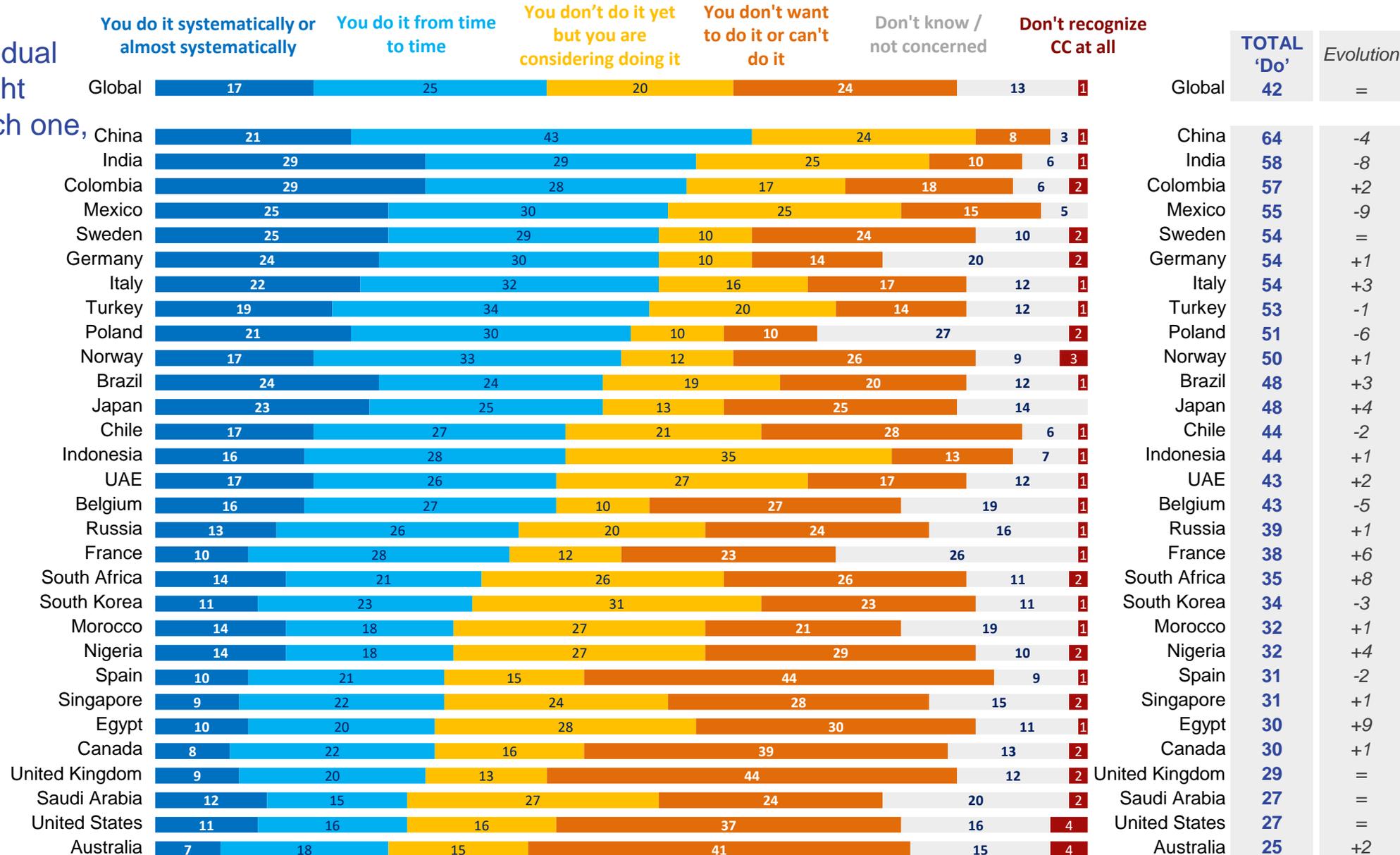
Actions to reduce CO2 emissions: Taking public transport

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



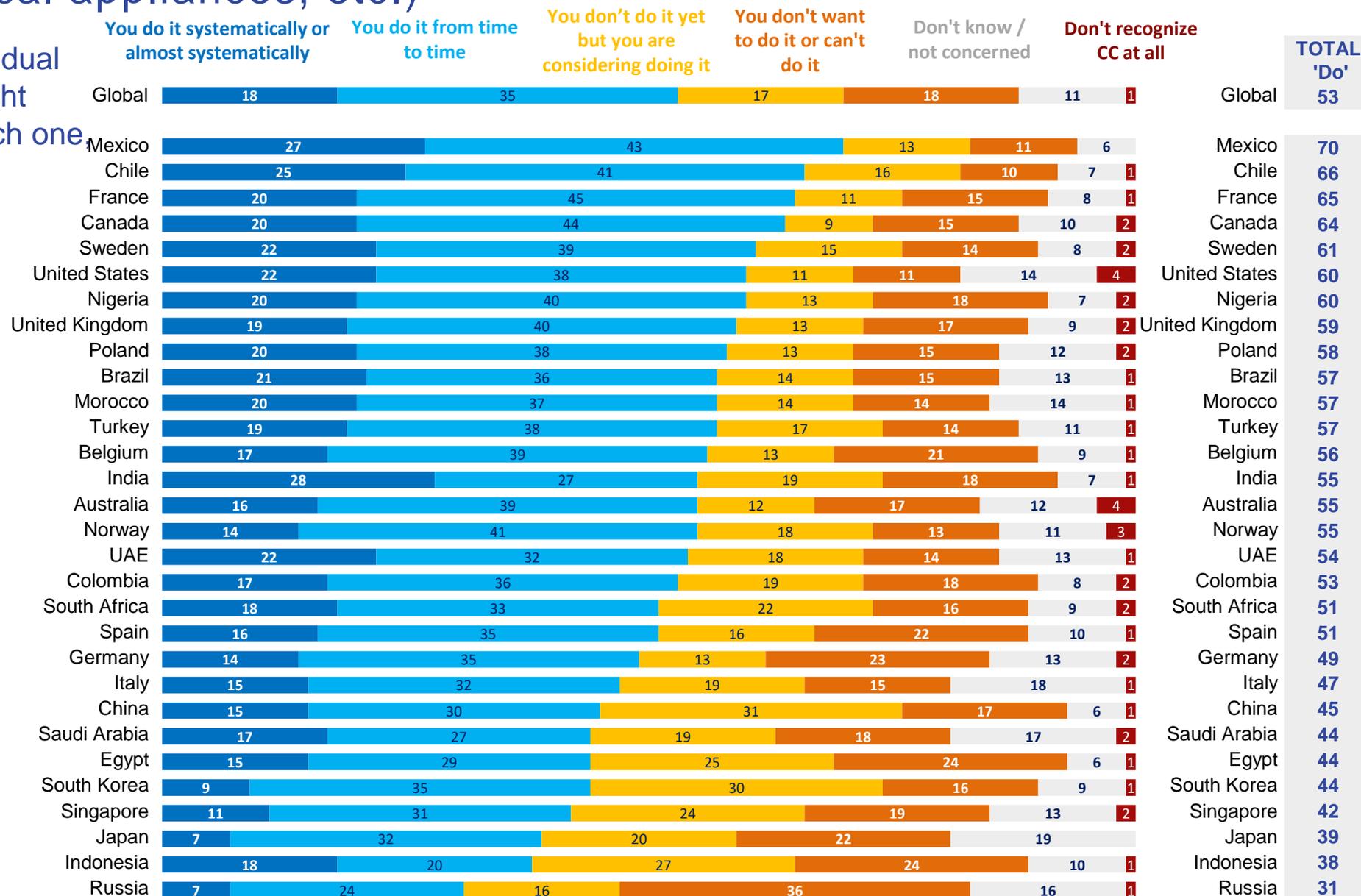
Actions to reduce CO2 emissions: Traveling by bicycle

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



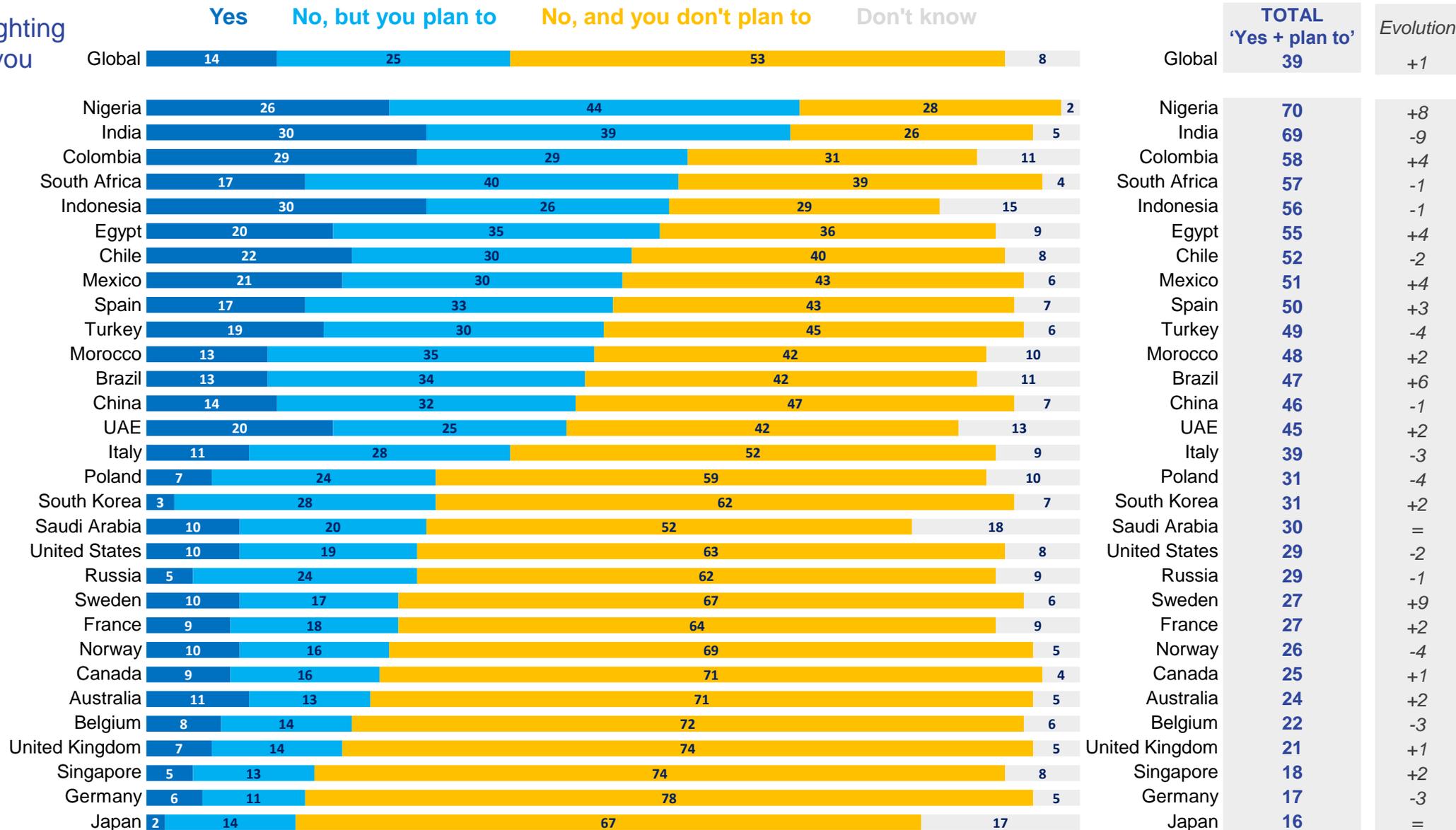
Actions to reduce CO2 emissions: Buying second-hand goods rather than new (clothes, electrical appliances, etc.)

Q. Here are some individual actions that can help fight climate change. For each one, tell me if:



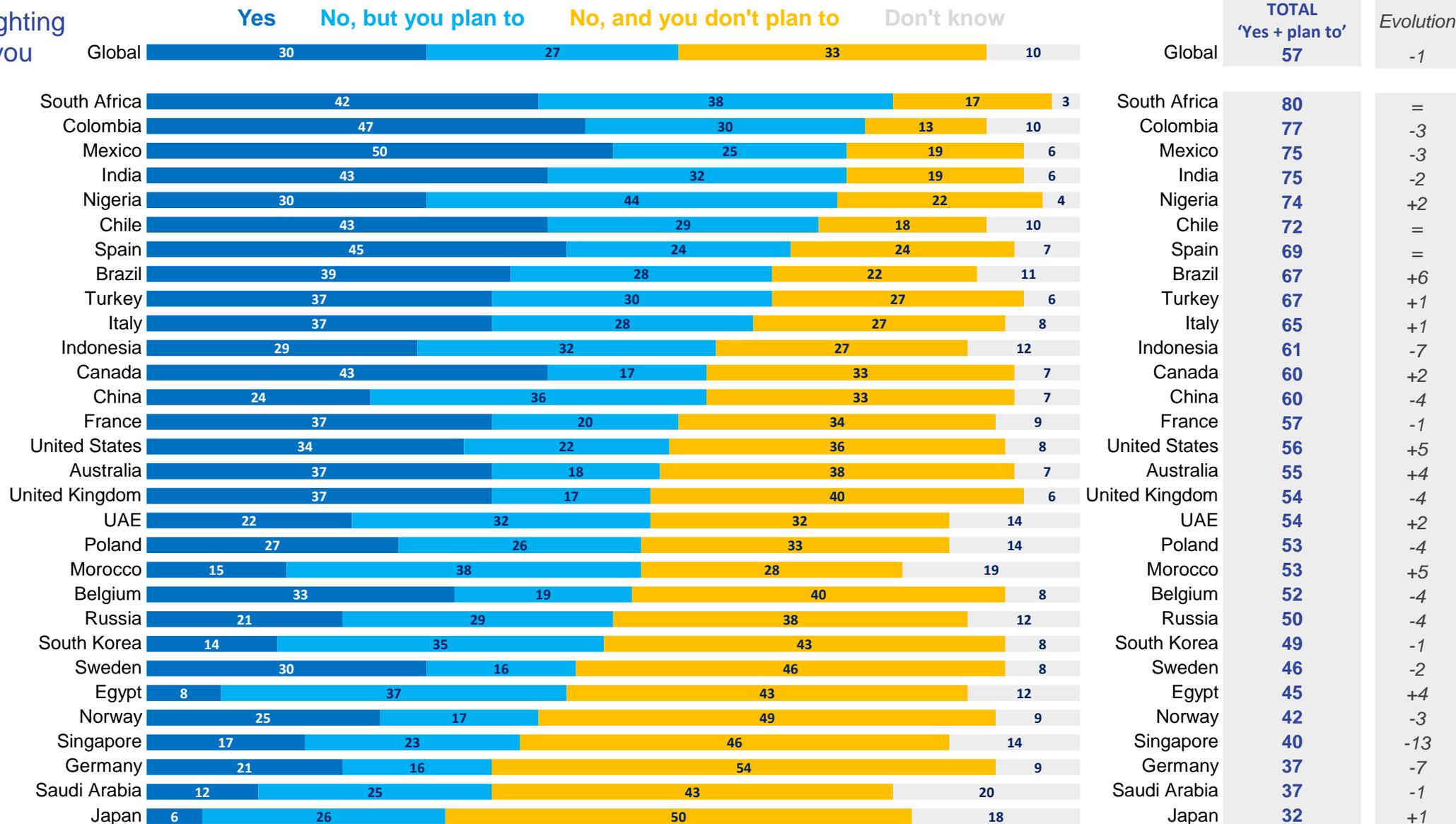
Other actions – Taken part in a protest

Q. When it comes to fighting climate change, have you personally ever:



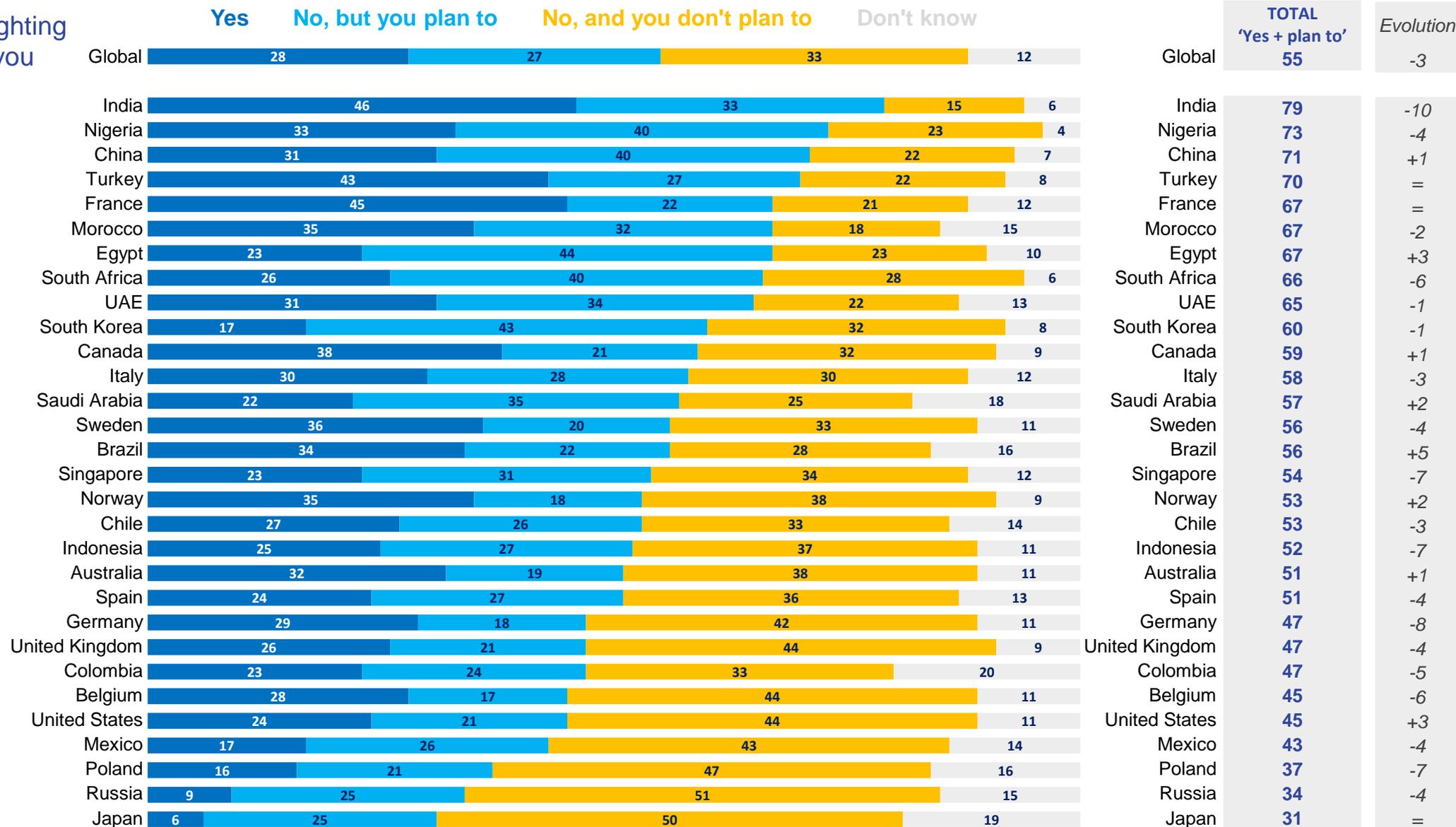
Other actions – Signed a petition

Q. When it comes to fighting climate change, have you personally ever:



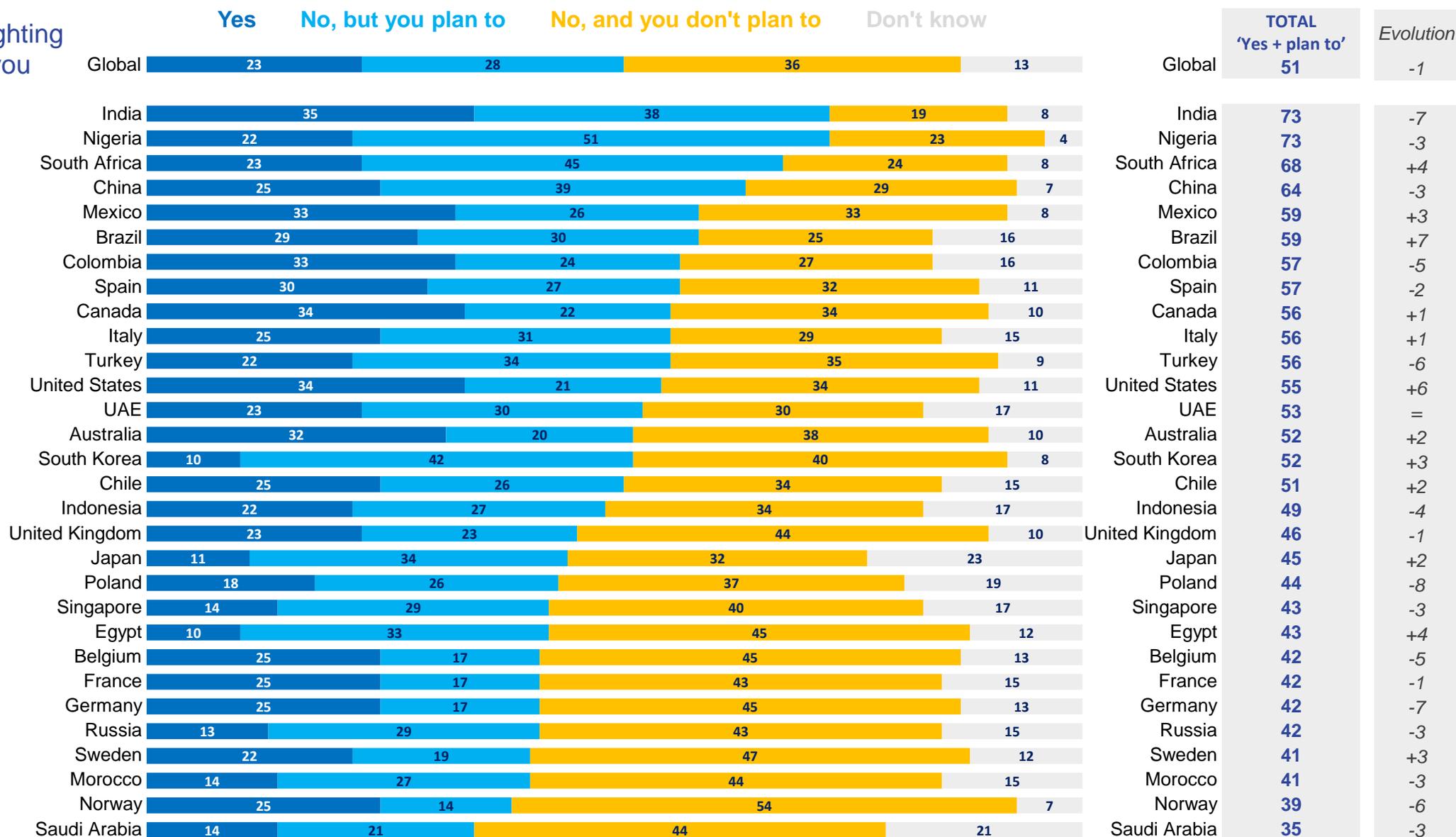
Other actions – Boycotted a product or brand

Q. When it comes to fighting climate change, have you personally ever:



Other actions – Voted for a political party

Q. When it comes to fighting climate change, have you personally ever:



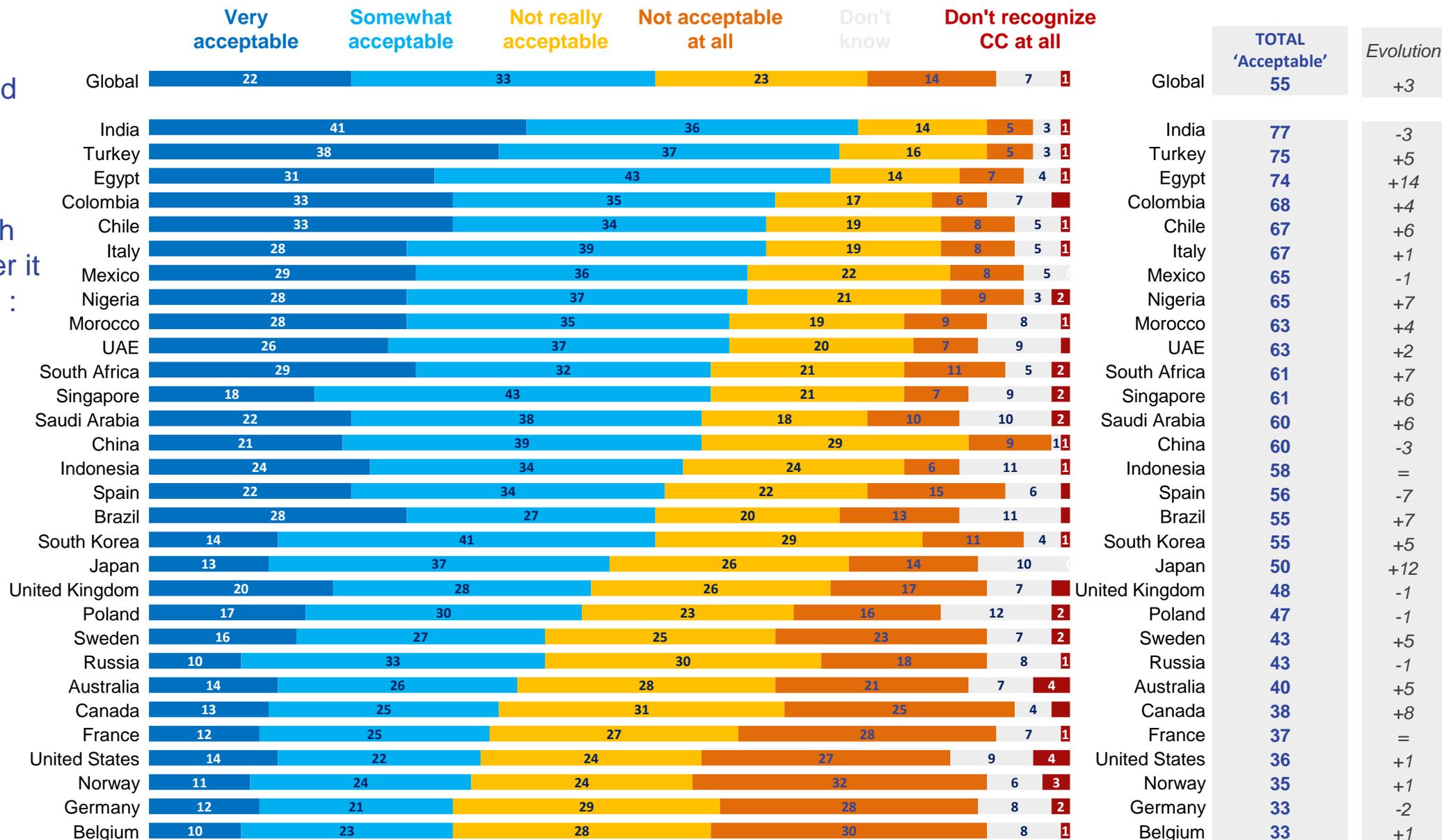
Measures to reduce GHG emissions: RECAP ACCEPTABLE

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :

	Replacing coal- or fuel-oil-fired power plants with gas-fired power plants	Replacing coal- or fuel-oil-fired power plants with nuclear power plants	Energy	Installing solar panels wherever it is possible to do so	Building a lot of offshore wind turbines	Building a lot of onshore wind turbines	Bans	Banning short-haul flights	Obliging owners to insulate their home	Banning the sale of new petrol or diesel cars within 15 years	Limiting access to city centers to electric or hybrid cars only	Higher prices	Introducing a tax when purchasing a polluting car	Making energy sources that produce CO2 more expensive	Increasing the tax on household waste	Introducing a tax on plane tickets	Setting up an urban tollbooth at the entrance to big cities
GLOBAL	65	60	79	84	76	75	60	65	61	58	55	53	63	52	51	48	46
Germany	55	38	71	84	63	62	47	67	54	32	33	39	44	33	32	56	26
Belgium	54	57	78	80	77	74	54	73	65	41	33	45	60	37	42	56	26
Spain	58	56	79	87	71	76	57	64	45	58	56	45	57	47	42	41	36
France	53	65	68	80	65	57	56	74	70	41	37	44	58	35	41	54	28
Italy	63	43	78	85	73	74	61	63	52	62	67	44	62	49	32	36	40
Norway	55	51	68	88	68	43	44	51	46	39	35	44	46	46	31	47	43
Poland	62	61	76	74	75	73	51	60	54	39	47	35	44	28	36	34	31
United Kingdom	53	64	83	85	81	78	60	58	69	60	48	51	59	54	45	52	39
Russia	73	69	80	89	72	76	48	50	60	37	43	34	53	32	34	21	28
Sweden	51	61	77	82	75	71	58	62	70	49	43	52	53	54	45	53	48
Canada	66	66	83	88	77	80	58	53	77	60	38	49	57	51	49	45	36
United States	59	59	75	76	70	71	50	48	60	47	36	45	48	47	44	43	36
Australia	55	54	78	83	72	71	56	49	74	52	40	44	49	49	44	39	32
China	71	70	80	81	78	80	67	67	78	60	60	65	67	62	70	64	58
South Korea	69	54	68	63	71	67	59	59	57	63	55	59	72	56	63	53	50
India	81	82	85	88	82	83	77	78	77	74	77	76	81	77	76	69	75
Indonesia	69	54	81	83	79	78	64	72	68	59	58	64	79	56	64	59	58
Japan	56	35	69	70	70	65	57	59	59	58	50	47	63	44	48	50	31
Singapore	62	46	75	86	70	66	62	59	59	63	61	58	72	60	55	44	54
Brazil	56	51	79	86	71	77	52	63	28	59	55	43	58	43	48	33	32
Chile	74	62	85	92	80	83	68	77	52	76	67	59	72	59	61	55	46
Colombia	66	55	83	89	77	78	64	69	38	76	68	57	73	60	60	46	38
Mexico	73	61	82	94	74	78	67	79	43	79	65	59	71	56	66	50	55
South Africa	73	76	87	91	82	83	65	66	71	58	61	62	66	64	60	56	61
Saudi Arabia	69	62	78	79	74	77	60	61	57	58	60	52	56	57	54	41	48
Egypt	77	70	83	86	82	80	70	69	61	72	74	58	60	63	46	45	72
UAE	69	68	78	78	78	76	63	64	61	62	63	60	65	63	62	47	58
Morocco	65	66	84	85	82	84	61	63	59	58	63	58	64	60	56	44	63
Nigeria	79	77	88	92	84	83	70	73	75	63	65	70	76	70	70	57	71
Turkey	82	70	90	93	89	87	78	76	88	70	75	62	79	59	65	51	52

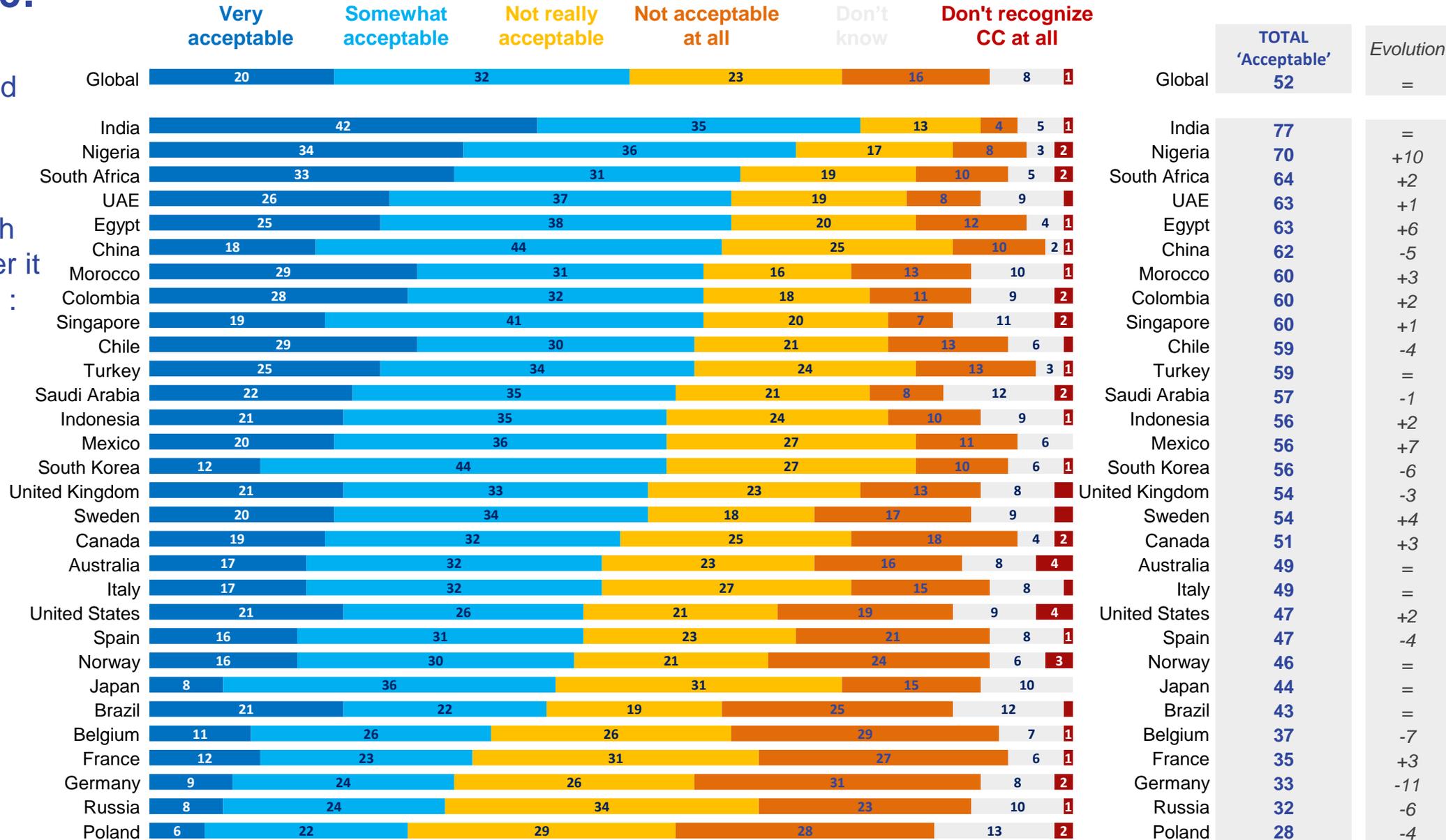
Limiting access to city centers to electric or hybrid cars only

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



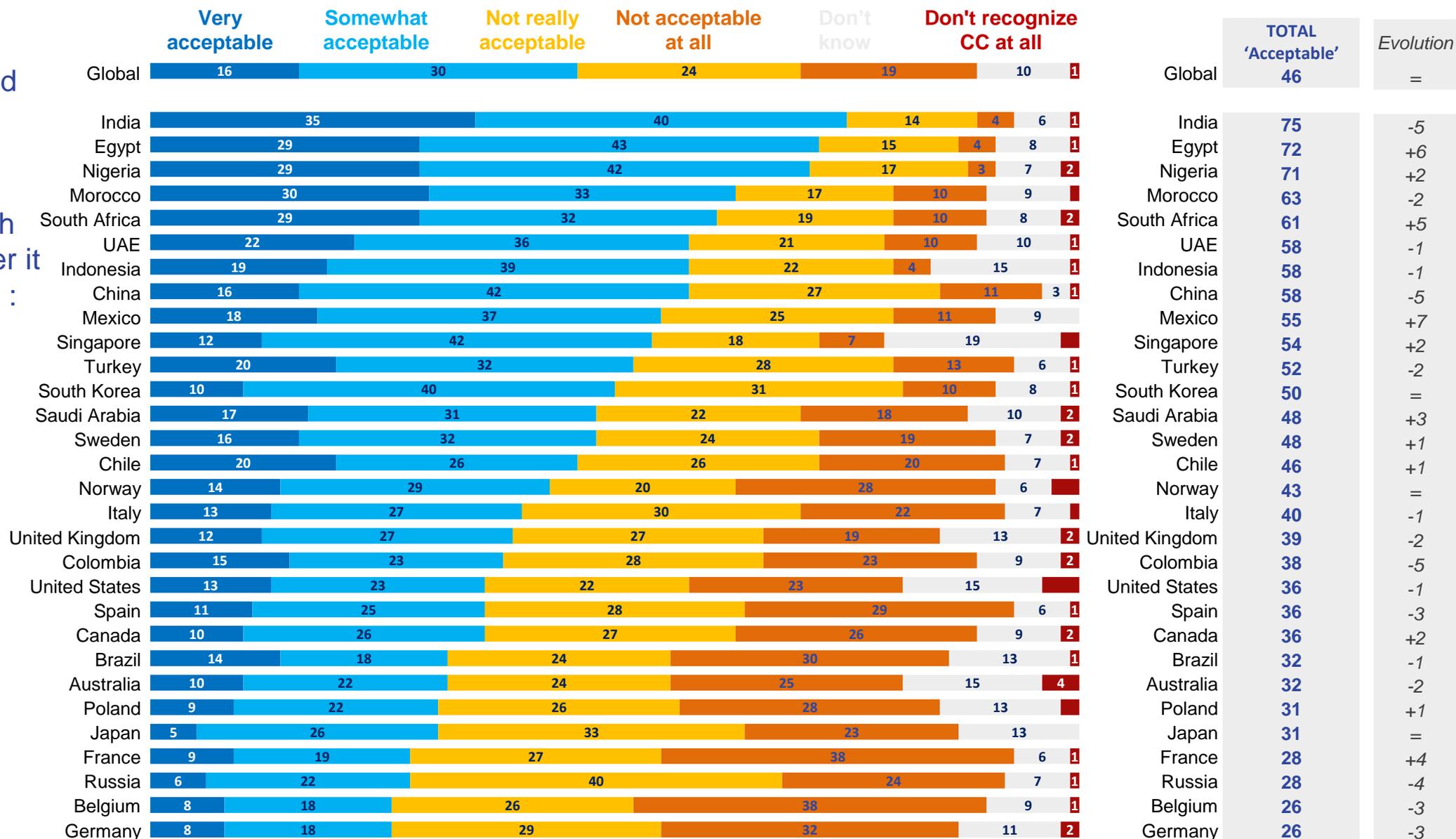
Making energy sources that produce CO2 more expensive, like gas, gasoline, etc.

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



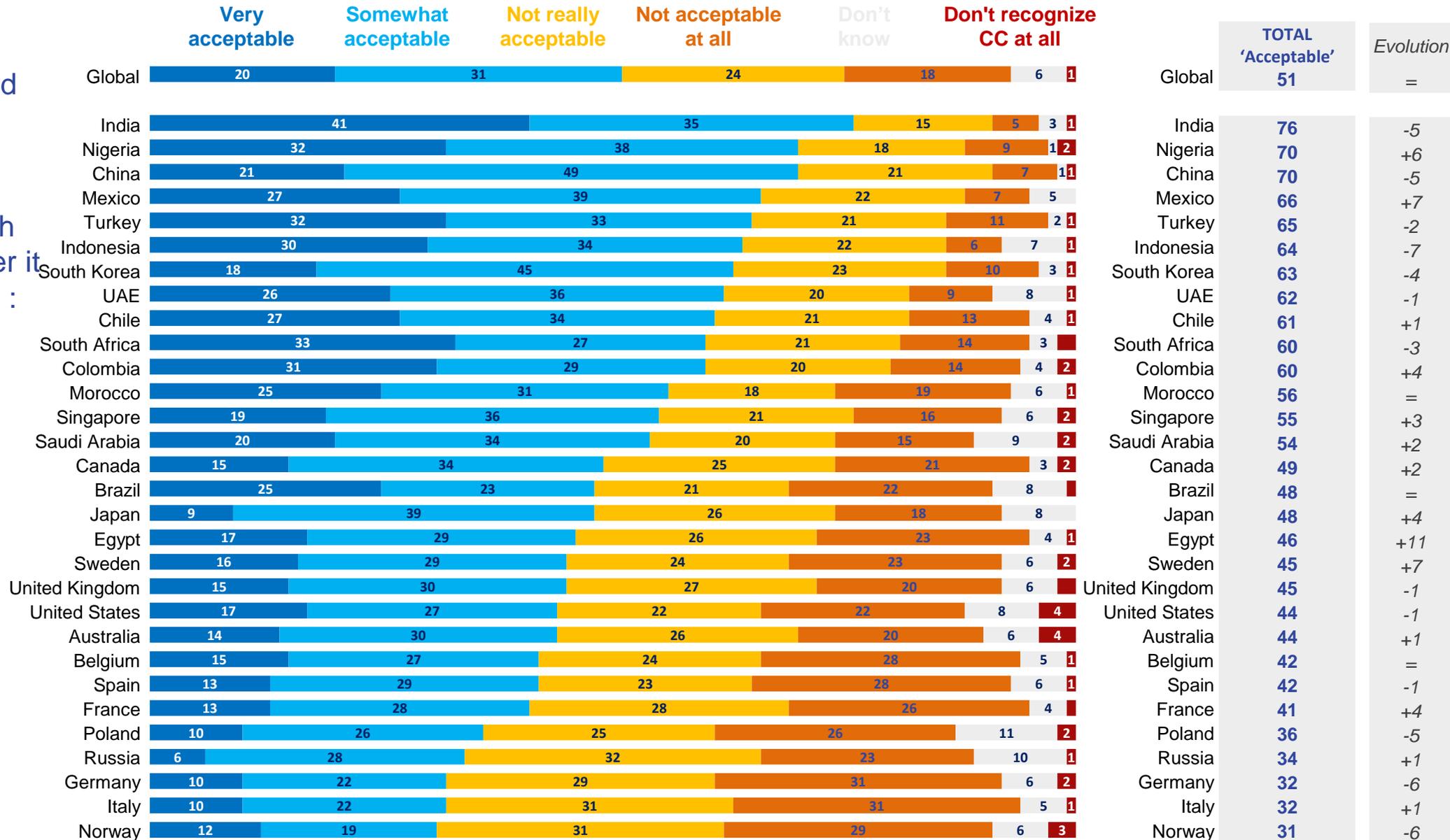
Setting up an urban tollbooth at the entrance to big cities

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



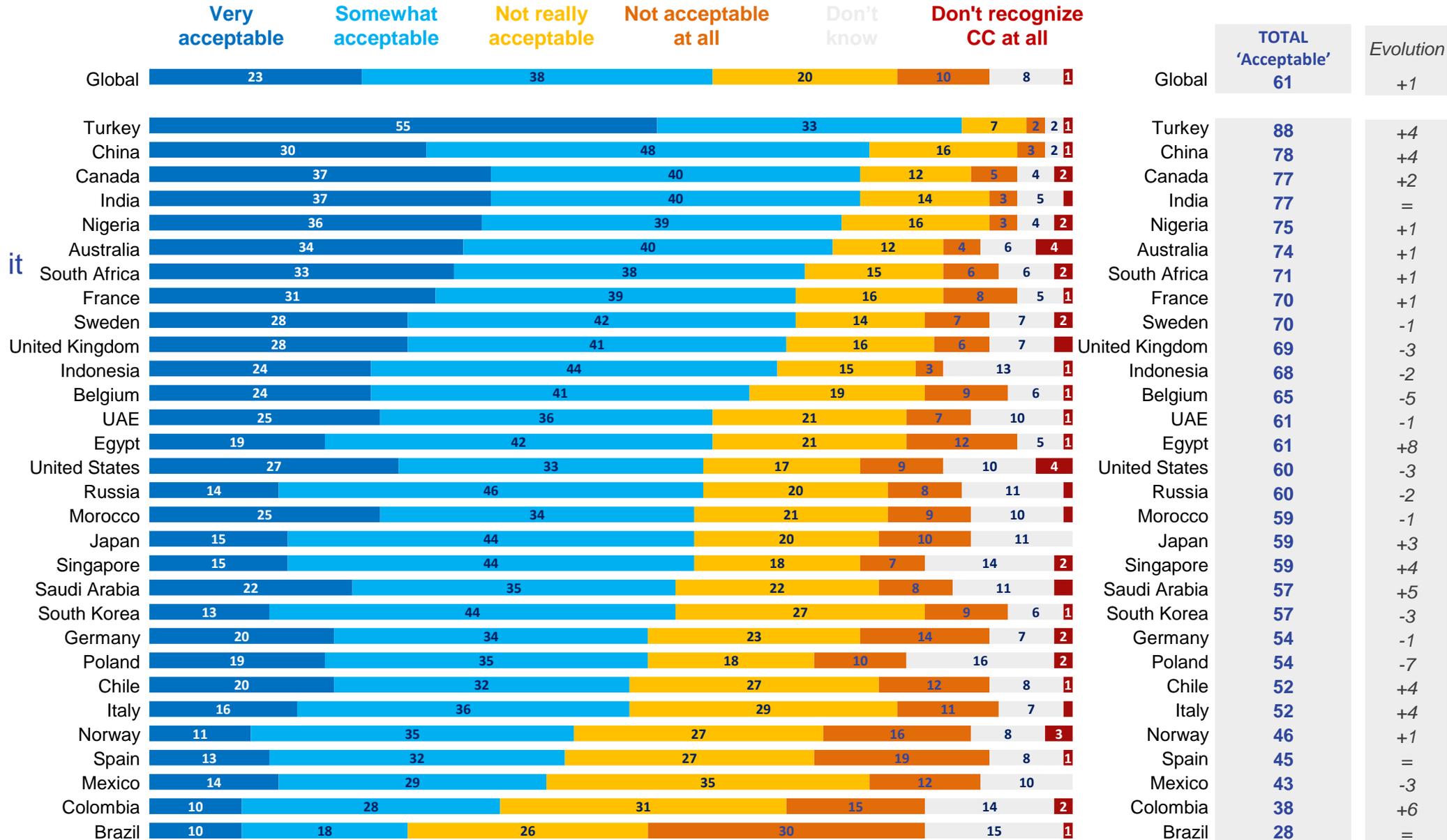
Increasing the tax on household waste to encourage people to waste less

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



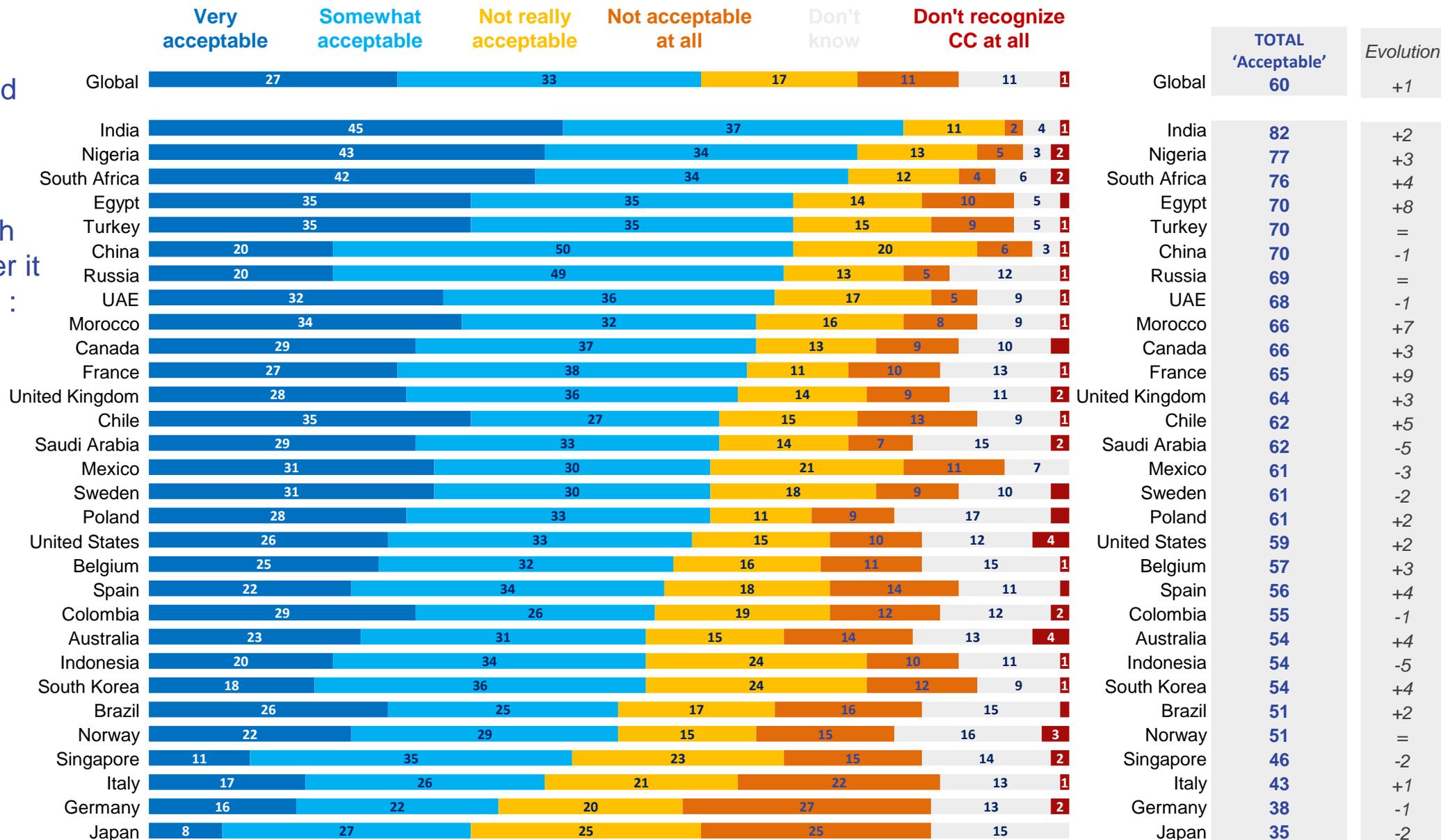
Obliging owners to insulate their home

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



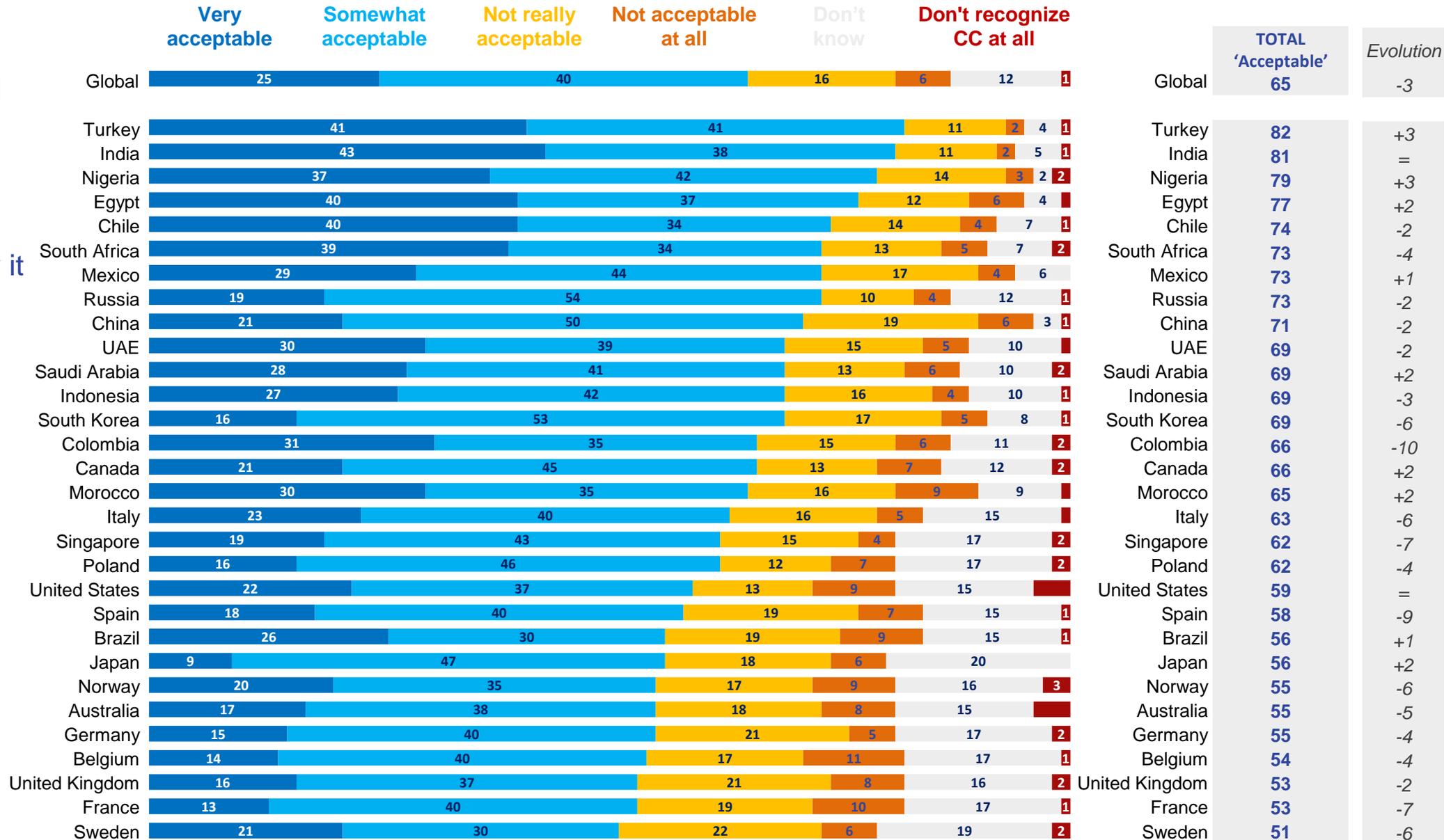
Replacing coal- or fuel-oil-fired power plants with nuclear power plants

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



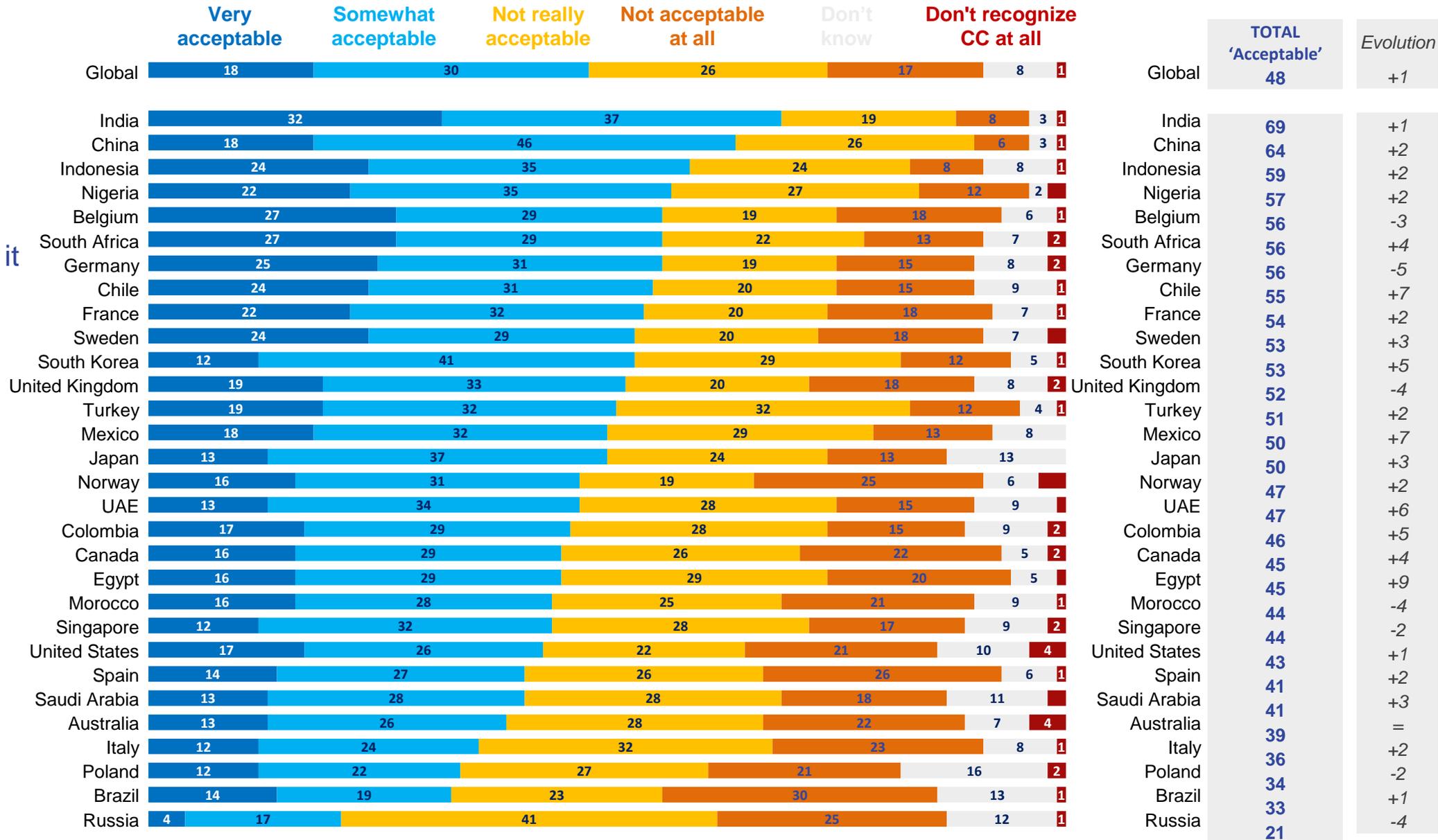
Replacing coal- or fuel-oil-fired power plants with gas fired power plants

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



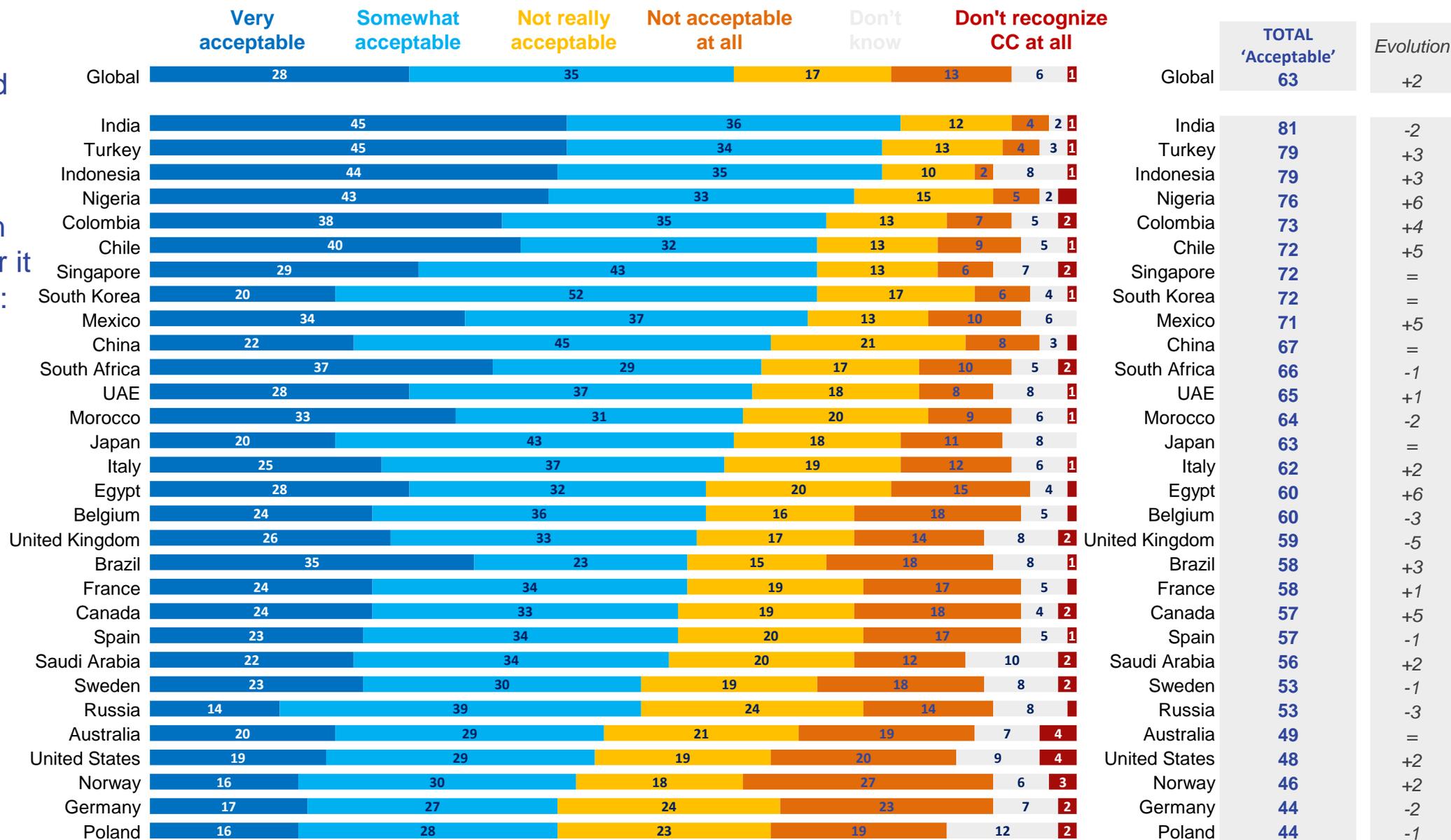
Introducing a tax on plane tickets

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



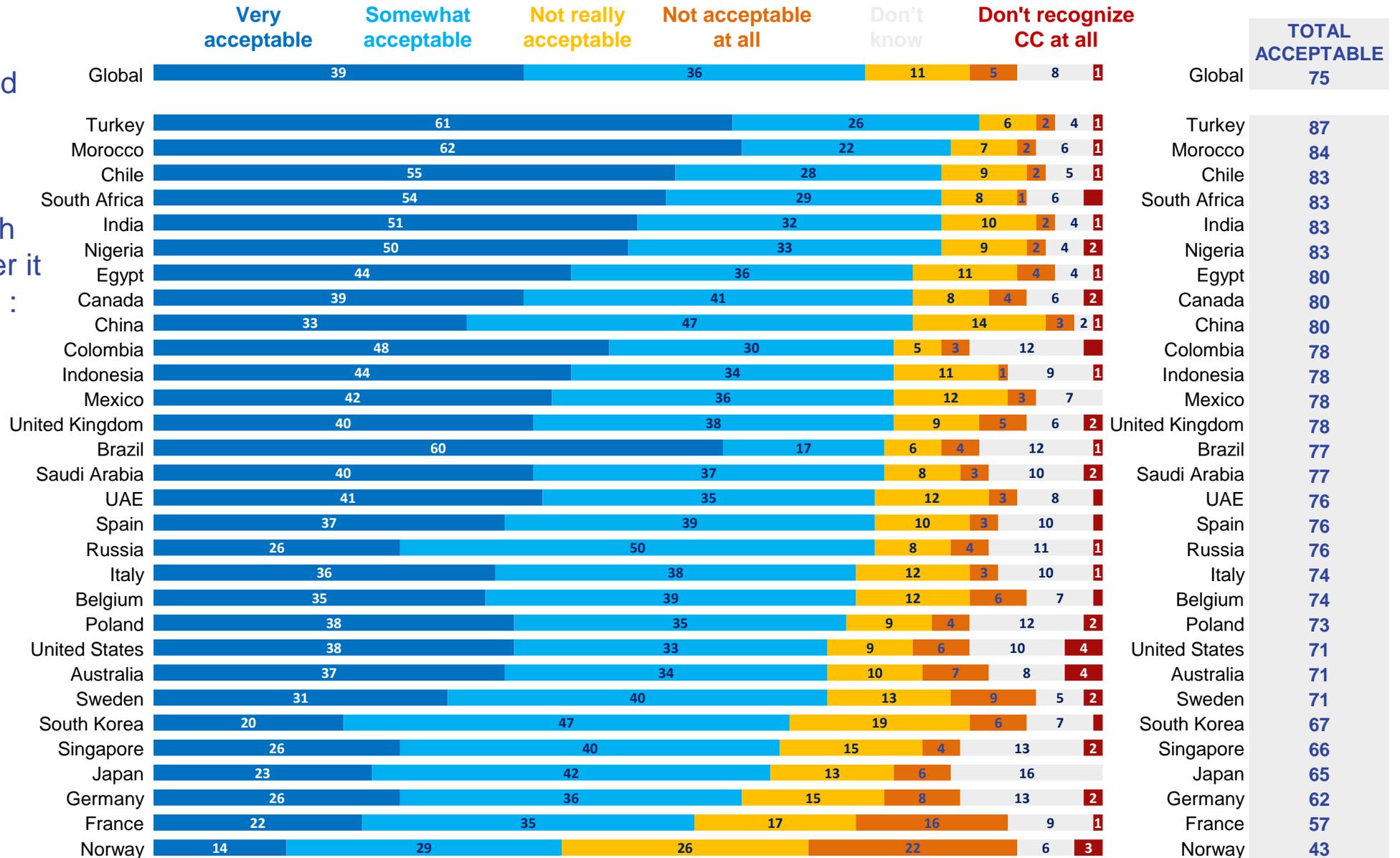
Introducing a tax when purchasing a polluting car

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



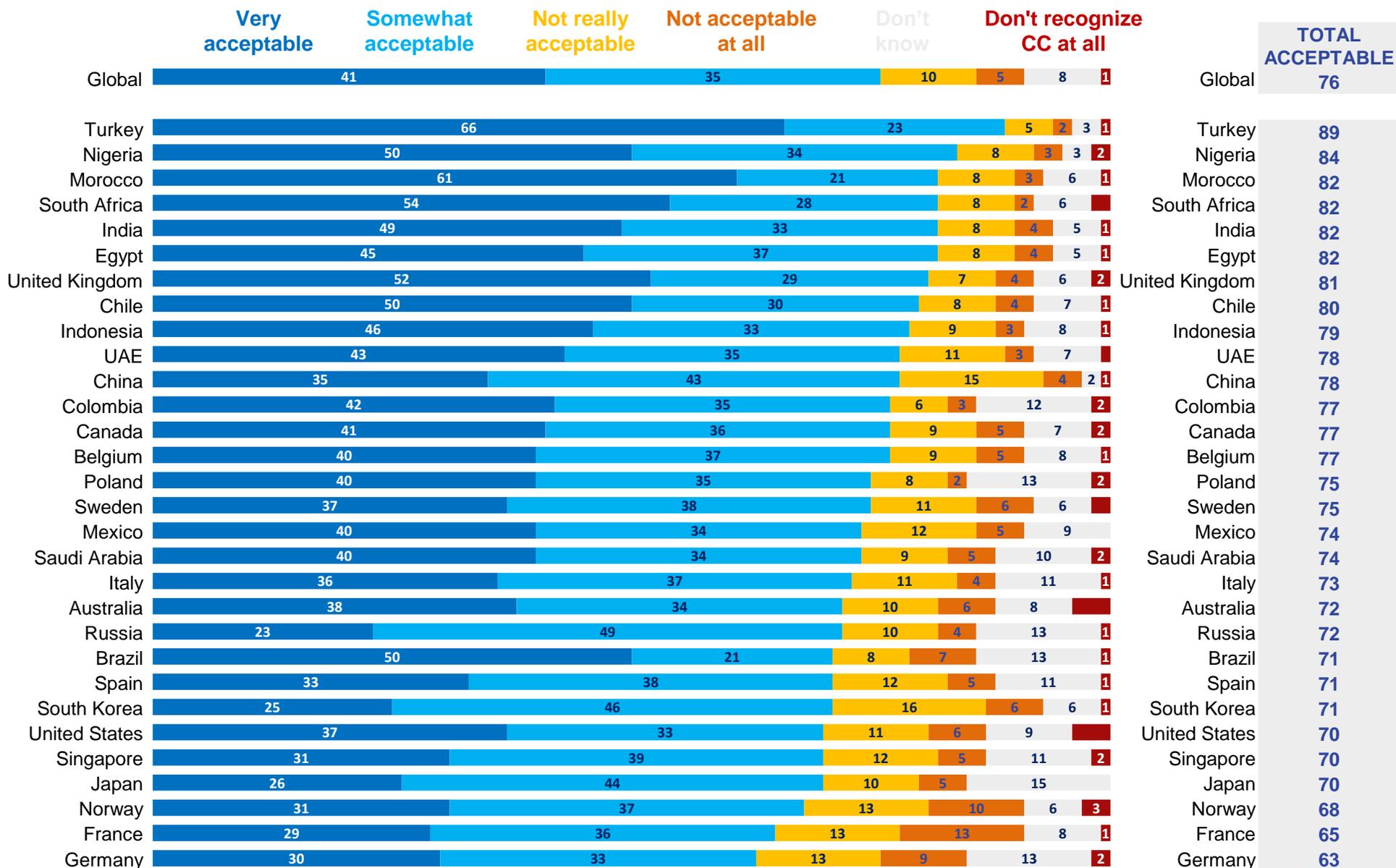
Building a lot of onshore wind turbines

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



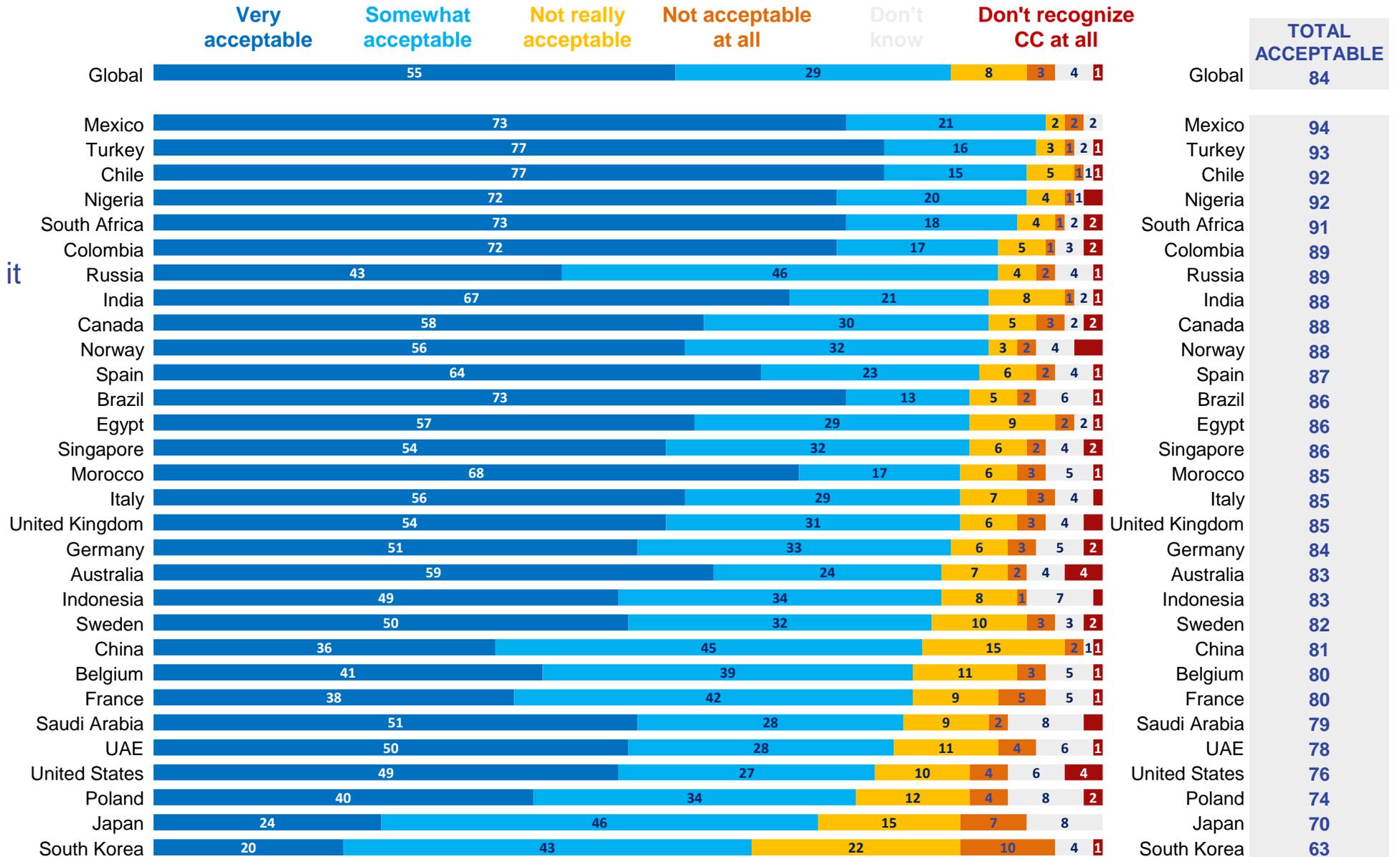
Building a lot of offshore wind turbines

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



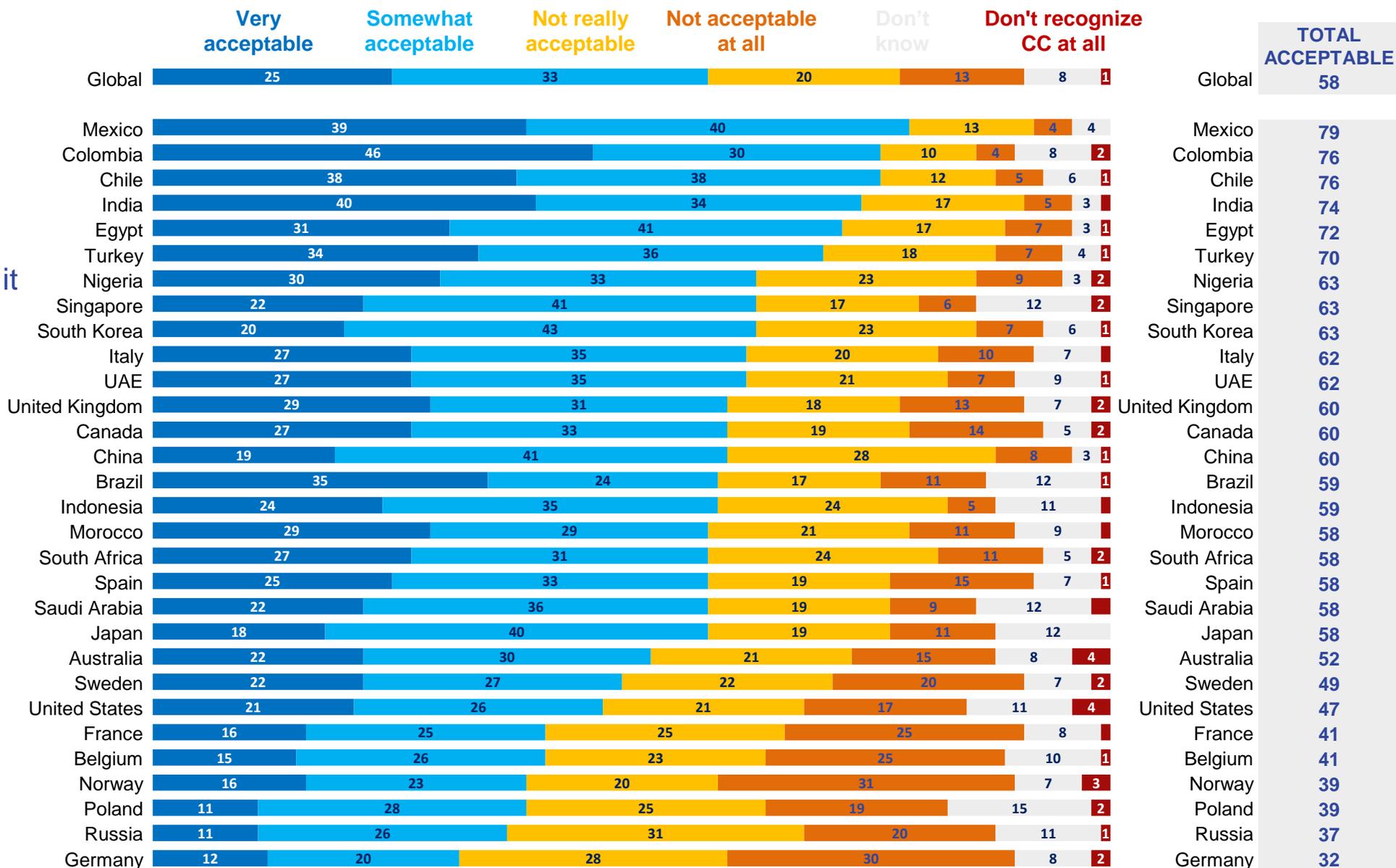
Installing solar panels wherever it is possible to do so

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



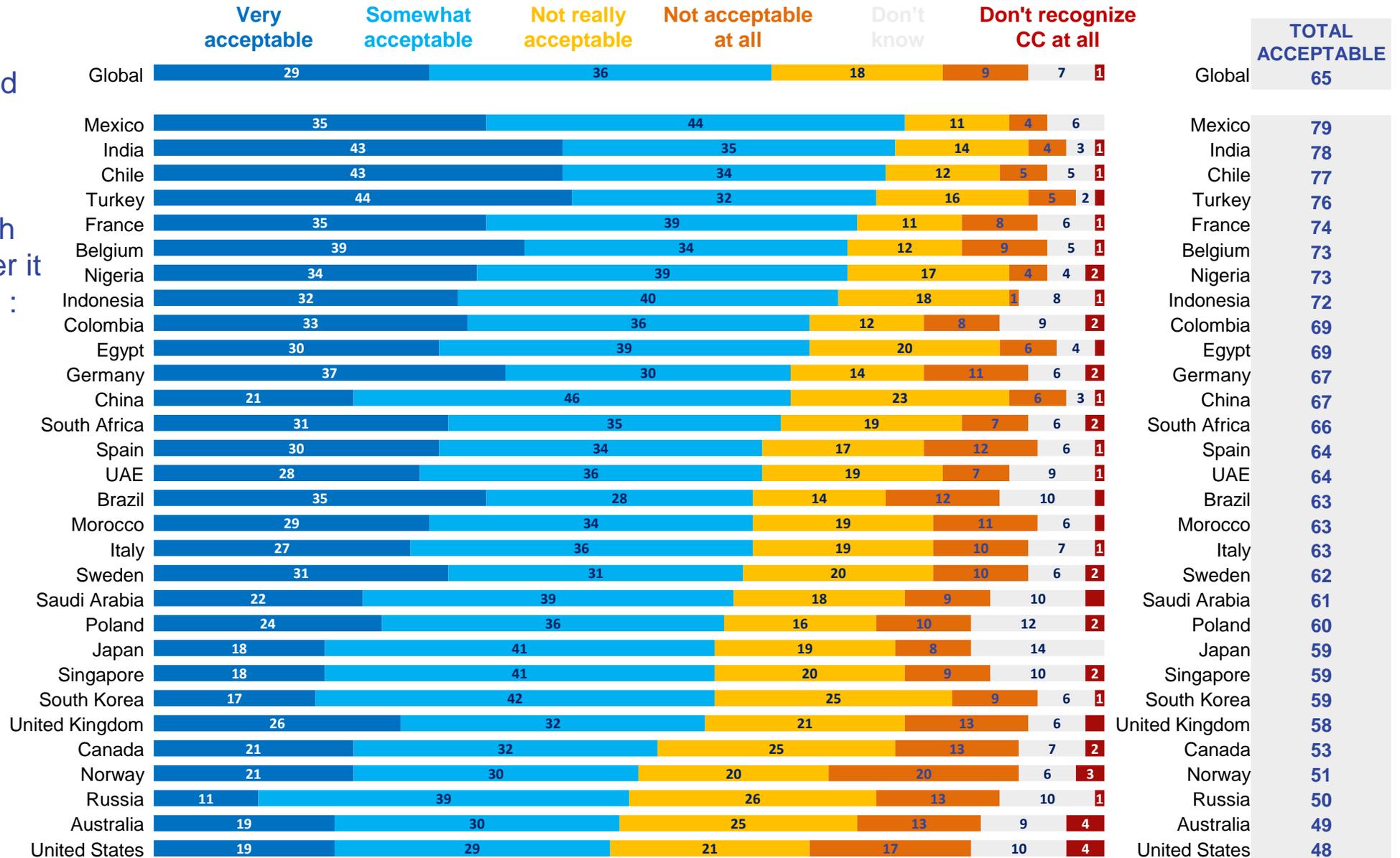
Banning the sale of new petrol or diesel cars within 15 years

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



Banning short-haul flights when it is possible to take the train

Q. Here are some measures that could be adopted in your country to reduce greenhouse gas emissions. For each one, tell me whether it seems to you to be :



Appendices and survey overview



OUR COMMITMENT

Professional codes, quality certification and data protection

Ipsos is a member of the following French and European professional Market Research and Opinion bodies:

- **SYNTEC** (www.syntec-etudes.com), French Union of Market Research companies
- **ESOMAR** (www.esomar.org) the European Society for Opinion and Market Research

Ipsos France is consequently committed to applying **the ICC/ESOMAR code** for opinion and market research. This code of conduct defines the ethical rules for Market Research professionals and sets out the protection offered to participants.

Ipsos France complies with the applicable laws. Ipsos has appointed a Data Protection Officer and has implemented a compliance plan to GDPR (Règlement (UE) 2016/679). For more information about the Ipsos Data Protection & Privacy Policy relative to personal data : <https://www.ipsos.com/en/privacy-data-protection>

The retention period applicable to interviewees' personal data be as follows, unless otherwise agreed with the client :

- 12 months upon Ad Hoc Study completion
- 3 years upon each wave completion of a Continuous Study.



Ipsos France has received ISO 20252: 2012 certification by AFNOR CERTIFICATION

- This document was drawn up in accordance with these international Codes and Quality standards. The technical elements relative to the execution of the project are described in methodological approach or survey overview in the report.
- This project was carried out in accordance with these international Codes and Quality standards



SURVEY OVERVIEW

CAWI survey – Online panel



SAMPLE

- **Target** : Male/female 16-75
- **Selection of the respondent** : participant selection using a quota.
- **Sample representativeness (depending on countries)** : gender, age, social-economic category of individual/head of household, region/marketsize



DATA COLLECTION

- **Fieldwork dates** : 30th of August – 21st of September 2021
- **Sample achieved** : 24 000 interviews
- **Data collection** : on line
- **Loyalty program** with points- based award system for panelists
- **Response quality control methods:** monitoring of participants' response behaviour (identification of responses that are too quick or careless, e.g. ticked in a straight or zigzag line)
- **Checking of IP and consistency of demographic data**



DATA PROCESSING

- Weighted sample
- Method used: Rim Weighting Method
- Weighting criteria (depending on countries) : gender, age, social-economic category or status of individual/head of household, region/marketsize.

RELIABILITY OF RESULTS :

Self completion online surveys IIS

To ensure the overall reliability of a survey, all possible error components must be taken into account. That is why Ipsos imposes strict controls and procedures at each stage of the survey process.

UPSTREAM OF THE DATA COLLECTION

- **Sample** : structure and representativeness
- **Questionnaire** : the questionnaire is worded by following an editing process with 12 compulsory standards. It is proofread and approved at a senior level and then sent to the client for final validation. The programming (or questionnaire script) **is tested by at least 2 people and validated.**
- **Data collection** : the interviewers are trained in survey techniques through a dedicated training module prior to any participation in a survey. In addition, they receive or attend a detailed briefing at the start of each survey.

DURING THE DATA COLLECTION

- **Sampling** : Ipsos imposes very strict operating rules for its selection frame in order to maximize the random nature of the sample selection : random selection from telephone listings, quota method, etc.

- **Fieldwork monitoring** : collection is monitored and checked (exclusive link, IP validation, panelists' behavior monitoring penetration, interview length, consistency of responses, participation rate, number of reminders, etc.)

DOWNSTREAM OF THE DATA COLLECTION

- The results are analyzed in accordance with the statistical analysis methods (confidence interval versus sample size, significance tests). The first results are systematically checked against the raw results from the data collection. The consistency of results is also checked (particularly the results observed versus comparison sources in our possession).
- In cases where sample weighting is used (margin calibration method), this is checked by the processing teams (DP) and then validated by the survey teams.

SURVEY OVERVIEW

Organization (CAWI survey - Online panel)



ACTIVITIES CARRIED OUT OR COORDINATED BY IPSOS TEAMS IN FRANCE

- Design and methodology
- Conception and design of questionnaire/ validation of scripting
- Coordination and validation of translation
- Coordination of data collection
- Data processing
- Validation of the statistical analyses
- Creation of survey report
- Results presentation design
- Formatting of results
- Oral presentation
- Analyses and summary



ACTIVITIES CARRIED OUT BY IPSOS EXPERT LOCAL TEAMS

- Scripting
- Sampling (IIS panel)
- Emailing



ACTIVITIES ENTRUSTED TO OUR APPROVED PARTNERS

- Translation

SURVEY MATERIAL

Questionnaire



Questionnaire in
english

ABOUT IPSOS

Ipsos is the world's third largest market research company, present in 90 markets and employing more than 18,000 people.

Our passionately curious research professionals, analysts and scientists have built unique multi-specialist capabilities that provide true understanding and powerful insights into the actions, opinions and motivations of citizens, consumers, patients, customers or employees. We serve more than 5000 clients across the world with 75 business solutions.

Founded in France in 1975, Ipsos is listed on the Euronext Paris since July 1st, 1999. The company is part of the SBF 120 and the Mid-60 Indiax and is eligible for the Deferred Settlement Service (SRD).

ISIN code FR0000073298, Reuters ISOS.PA, Bloomberg
IPS:FP
www.ipsos.com

GAME CHANGERS

In our world of rapid change, the need of reliable information to make confident decisions has never been greater.

At Ipsos we believe our clients need more than a data supplier, they need a partner who can produce accurate and relevant information and turn it into actionable truth.

This is why our passionately curious experts not only provide the most precise measurement, but shape it to provide True Understanding of Society, Markets and People.

To do this we use the best of science, technology and know-how and apply the principles of security, simplicity, speed and substance to everything we do.

So that our clients can act faster, smarter and bolder. Ultimately, success comes down to a simple truth:
You act better when you are sure.

**BE
SURE.
GO
FURTHER.**

GAME CHANGERS



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