EUROBAROMETER

Climate change

REPORT

Fieldwork: June 2011

Publication: October 2011

SPECIAL EUROBAROMETER 372

"Climate Change"

TECHNICAL SPECIFICATIONS

Between the **4th of June and the 19th of June 2011**, TNS Opinion & Social, a consortium created between TNS plc and TNS opinion, carried out the wave 75.4 of the **EUROBAROMETER**, on request of the EUROPEAN COMMISSION, Directorate-General for Communication, "Research and Speechwriting".

The SPECIAL EUROBAROMETER 372 is part of wave 75.4 and covers the population of the respective nationalities of the European Union Member States, resident in each of the Member States and aged 15 years and over. The basic sample design applied in all states is a multi-stage, random (probability) one.

In each country, a number of sampling points was drawn with probability proportional to population size (for a total coverage of the country) and to population density.

In order to do so, the sampling points were drawn systematically from each of the "administrative regional units", after stratification by individual unit and type of area. They thus represent the whole territory of the countries surveyed according to the **EUROSTAT** NUTS II (or equivalent) and according to the distribution of the resident population of the respective nationalities in terms of metropolitan, urban and rural areas. In each of the selected sampling points, a starting address was drawn, at random. Further addresses (every Nth address) were selected by standard **"random route"** procedures, from the initial address. In each household, the respondent was drawn, at random (following the "closest birthday rule").

All interviews were conducted **face-to-face** in people's homes and in the appropriate national language. As far as the data capture is concerned, **CAPI** (*Computer Assisted Personal Interview)* was used in those countries where this technique was available.
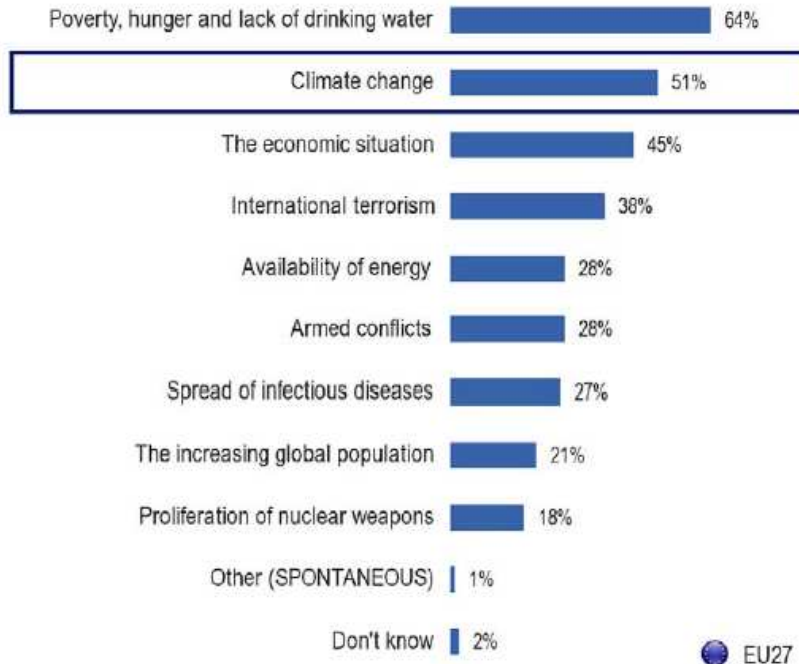
For each country a comparison between the sample and the universe was carried out. The Universe description was derived from Eurostat population data or from national statistics offices. For all countries surveyed, a national weighting procedure, using marginal and intercellular weighting, was carried out based on this Universe description. In all countries, gender, age, region and size of locality were introduced in the iteration procedure.

For international weighting (i.e. EU averages), TNS Opinion & Social applies the official population figures as provided by EUROSTAT or national statistic offices. The total population figures for input in this post-weighting procedure are listed above.

Readers are reminded that survey results are estimations, the accuracy of which, everything being equal, rests upon the sample size and upon the observed percentage. With **samples of about 1,000 interviews**, the real percentages vary within the following confidence limits:

Observed percentages	10% or 90%	20% or 80%	30% or 70%	40% or 60%	50%
Confidence limits	± 1.9 points	± 2.5 points	± 2.7 points	± 3.0 points	± 3.1 points

QD1T. Which of the following do you consider to be the single most serious problem facing the world as a whole? Any others?

Poverty, hunger and lack of drinking water	64%
Climate change	51%
The economic situation	45%
International terrorism	38%
Availability of energy	28%
Armed conflicts	28%
Spread of infectious diseases	27%
The increasing global population	21%
Proliferation of nuclear weapons	18%
Other (SPONTANEOUS)	1%
Don't know	2%

● EU27

SE	66%	
SI	67%	
DK	67%	
CY	66%	
DE	66%	
LU	62%	
EL	61%	
BE	59%	
ES	56%	
AT	55%	
MT	53%	
NL	53%	
FR	52%	
LV	51%	
EU	51%	
SK	51%	
FI	50%	
HU	48%	
BG	46%	
RO	46%	
LT	45%	
IE	45%	
UK	44%	
IT	42%	
PL	41%	
CZ	39%	
EE	35%	
PT	28%	

Question: QD1T. Which of the following do you consider to be the single most serious problem facing the world as a whole? Any others?

Answers: Climate change

Map Legend
■ 55% - 100%
■ 48% - 54%
□ 0% - 47%

QD1T - Which of the following do you consider to be the single most serious problem facing the world as a whole? Any others?

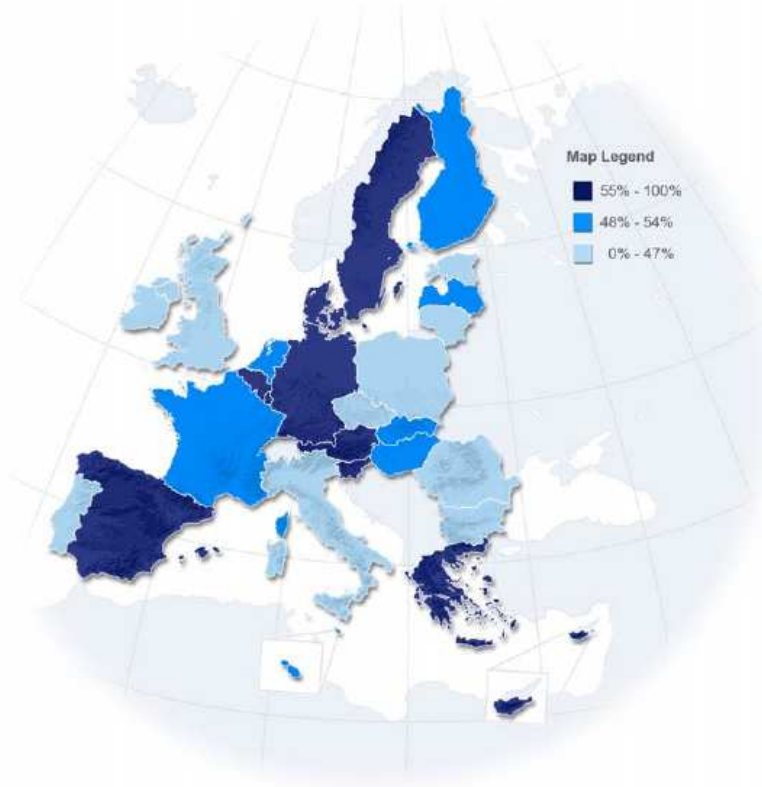|	Poverty, hunger and lack of drinking water	Climate change	Economic situation
EU27	64%	51%	45%
Sex			
Male	61%	51%	46%
Female	66%	51%	45%
Age			
15-24	63%	56%	48%
25-39	62%	53%	50%
40-54	65%	54%	45%
55 +	65%	46%	42%
Education (End of)			
15-	64%	45%	47%
16-19	63%	51%	46%
20+	68%	54%	43%
Still studying	63%	57%	44%
Respondent occupation scale			
Self-employed	61%	49%	50%
Managers	68%	57%	41%
Other white collars	63%	53%	47%
Manual workers	63%	54%	47%
Home-makers	64%	48%	48%
Unemployed	63%	53%	53%
Retired	65%	44%	41%
Students	63%	57%	44%
Perception of climate change			
Not a serious problem	60%	18%	39%
A fairly serious problem	63%	38%	45%
A very serious problem	65%	60%	47%
Has taken action to fight climate change			
Yes	67%	57%	46%
No	60%	43%	45%

QD2. And how serious a problem do you think climate change is at this moment? Please use a scale from 1 to 10, where '1' would mean that it is "not at all a serious problem" and '10' would mean that it is "an extremely serious problem".

A very serious problem (7-10): 68% (EB75.4 June 2011), 64% (EB72.1 Aug.-Sept. 2009)

A fairly serious problem (5-6): 21% (EB75.4 June 2011), 24% (EB72.1 Aug.-Sept. 2009)

Not a serious problem (1-4): 9% (EB75.4 June 2011), 9% (EB72.1 Aug.-Sept. 2009)

Don't know: 2% (EB75.4 June 2011), 3% (EB72.1 Aug.-Sept. 2009)

EB75.4 June 2011
EB72.1 Aug.-Sept. 2009

EU27
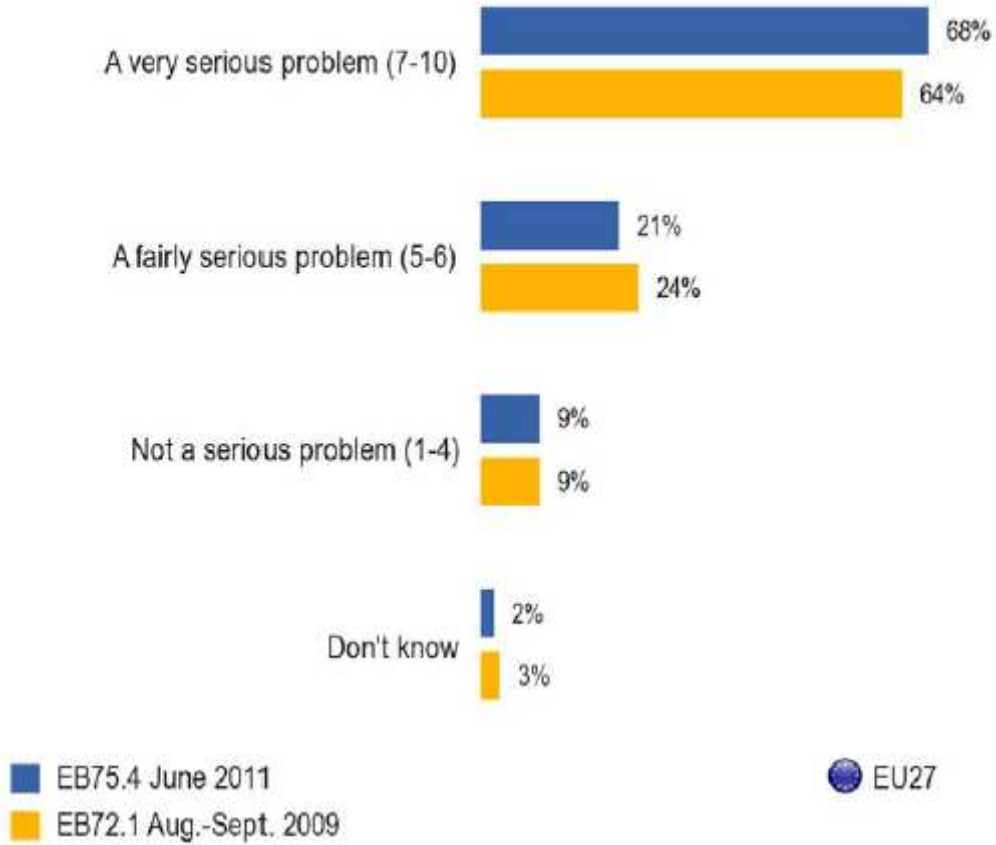
QD2 And how serious a problem do you think climate change is at this moment? Please use a scale from 1 to 10, where '1' would mean that it is "not at all a serious problem" and '10' would mean that it is "an extremely serious problem". - Average

|		EB72.1 Aug.-Sept. 2009	EB75.4 June 2011	EB75.4 - EB72.1
	EU27	7.1	7.4	0.3
	CY	8.4	8.9	0.5
	EL	8.2	8.6	0.4
	SK	7.3	8.2	0.9
	ES	7.5	8.0	0.5
	HU	7.5	8.0	0.5
	MT	7.8	8.0	0.2
	RO	7.3	8.0	0.7
	BG	7.2	7.8	0.6
	IT	7.2	7.8	0.6
	AT	7.5	7.7	0.2
	PT	7.0	7.7	0.7
	SI	8.0	7.7	-0.3
	CZ	6.9	7.6	0.7
	LU	7.5	7.6	0.1
	FR	7.5	7.4	-0.1
	DE	7.3	7.3	=
	PL	6.5	7.3	0.8
	BE	7.1	7.1	=
	LT	6.5	7.1	0.6
	IE	7.0	7.0	=
	LV	6.0	7.0	1.0
	SE	7.2	6.9	-0.3
	DK	7.0	6.8	-0.2
	NL	6.3	6.5	0.2
	FI	7.1	6.4	-0.7
	UK	6.5	6.4	-0.1
	EE	6.0	6.1	0.1

QD2 And how serious a problem do you think climate change is at this moment? Please use a scale from **1** to **10**, where '**1**' would mean that it is "not at all a serious problem" and '**10**' would mean that it is "an extremely serious problem". - Average

	EB72.1 Aug.-Sept. 2009	EB75.4 June 2011	EB75.4 - EB72.1
EU27	7.1	7.4	0.3
Sex			
Male	7.0	7.2	0.2
Female	7.2	7.5	0.3
Age			
15-24	7.0	7.4	0.4
25-39	7.3	7.5	0.2
40-54	7.1	7.5	0.4
55 +	7.1	7.2	0.1
Education (End of)			
15-	7.1	7.4	0.3
16-19	7.1	7.4	0.3
20+	7.2	7.3	0.1
Still studying	7.2	7.4	0.2
Respondent occupation scale			
Self-employed	7.1	7.5	0.4
Managers	7.3	7.2	-0.1
Other white collars	7.2	7.5	0.3
Manual workers	7.1	7.4	0.3
Home-makers	7.2	7.6	0.4
Unemployed	7.1	7.5	0.4
Retired	7.0	7.2	0.2
Students	7.2	7.4	0.2
Has taken action to fight climate change			
Yes	-	7.6	-
No	-	7.1	-

QD3. In your opinion, who within the EU is responsible for tackling climate change?
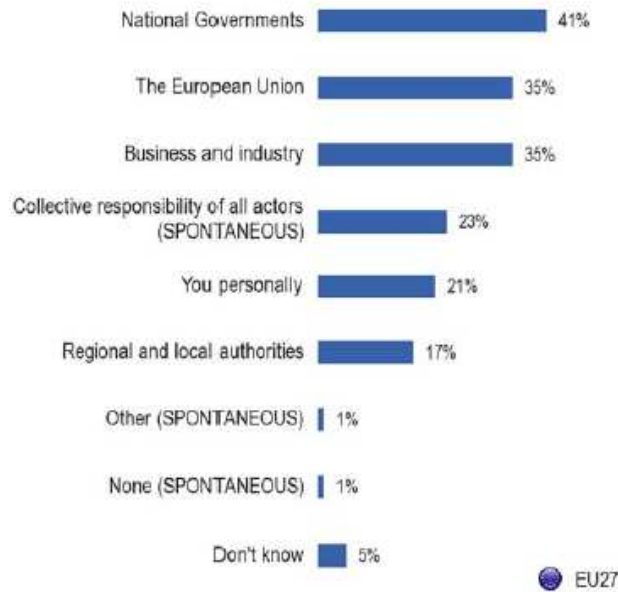
|	
National Governments	41%
The European Union	35%
Business and industry	35%
Collective responsibility of all actors (SPONTANEOUS)	23%
You personally	21%
Regional and local authorities	17%
Other (SPONTANEOUS)	1%
None (SPONTANEOUS)	1%
Don't know	5%

● EU27

QD3 In your opinion, who within the EU is responsible for tackling climate change?

	National Governments	The European Union	Business and industry	Collective responsibility of all actors (SPONT.)	You personally	Regional and local authorities	Other (SPONT.)	None (SPONT.)	Don't know
EU27	41%	35%	35%	23%	21%	17%	1%	1%	5%
BE	42%	54%	47%	18%	34%	24%	1%	2%	2%
BG	31%	30%	25%	40%	4%	9%	0%	1%	5%
CZ	46%	26%	46%	13%	19%	16%	0%	1%	4%
DK	52%	45%	39%	25%	38%	17%	0%	1%	1%
DE	50%	48%	57%	16%	36%	23%	0%	2%	2%
EE	35%	31%	20%	21%	13%	14%	1%	6%	8%
IE	39%	36%	18%	31%	14%	15%	1%	0%	7%
EL	37%	29%	32%	37%	14%	16%	0%	1%	1%
ES	57%	47%	54%	7%	34%	30%	0%	1%	3%
FR	52%	49%	41%	11%	29%	22%	0%	2%	5%
IT	27%	22%	22%	38%	5%	11%	1%	1%	8%
CY	45%	31%	32%	25%	16%	16%	0%	2%	2%
LV	28%	19%	27%	20%	20%	8%	0%	6%	5%
LT	36%	27%	29%	13%	15%	13%	4%	4%	14%
LU	34%	35%	32%	32%	28%	12%	0%	0%	1%
HU	33%	22%	40%	31%	7%	11%	1%	1%	6%
MT	42%	40%	17%	28%	17%	10%	0%	0%	4%
NL	25%	28%	25%	42%	20%	4%	1%	2%	1%
AT	20%	27%	33%	41%	8%	13%	1%	3%	3%
PL	41%	36%	27%	8%	11%	17%	0%	1%	11%
PT	24%	24%	21%	46%	5%	13%	1%	1%	7%
RO	31%	25%	23%	23%	6%	19%	1%	1%	14%
SI	28%	30%	40%	36%	18%	17%	1%	1%	2%
SK	42%	35%	43%	13%	25%	14%	1%	1%	2%
FI	40%	33%	46%	18%	39%	11%	1%	1%	1%
SE	50%	45%	30%	25%	45%	23%	0%	0%	1%
UK	38%	22%	16%	33%	20%	11%	1%	2%	7%

Highest percentage per country   *Lowest percentage per country*

| Highest percentage per item | Lowest percentage per item |

QD5. Have you personally taken any action to fight climate change over the past six months?

53% Yes

41% No

6% Don't know
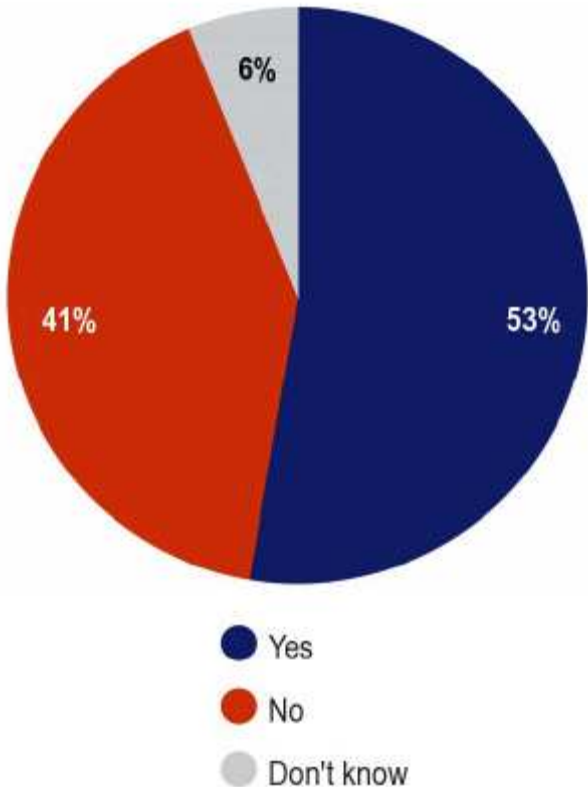
EU27

QD5 Have you personally taken any action to fight climate change over the past six months?

	Yes	No	DK
EU27	53%	41%	6%
Sex			
Male	52%	43%	5%
Female	55%	39%	6%
Age			
15-24	45%	48%	7%
25-39	56%	39%	5%
40-54	60%	35%	5%
55 +	51%	43%	6%
Education (End of)			
15-	50%	44%	6%
16-19	53%	41%	6%
20+	62%	34%	4%
Still studying	46%	48%	6%
Respondent occupation scale			
Self-employed	56%	40%	4%
Managers	66%	30%	4%
Other white collars	57%	37%	6%
Manual workers	55%	39%	6%
Home-makers	53%	40%	7%
Unemployed	49%	46%	5%
Retired	49%	44%	7%
Students	46%	48%	6%
Perception of climate change			
Not a serious problem	42%	51%	7%
A fairly serious problem	49%	46%	5%
A very serious problem	58%	37%	5%

QD6. Which of the following actions have you taken, if any?

Action	%
You try to reduce your waste and you regularly separate it for recycling	66%
You try to cut down on your consumption of disposal items whenever possible, e.g. plastic bags from the supermarket, excessive packaging	46%
You buy locally produced and seasonal food whenever possible	36%
When buying a new household appliance e.g. washing machine, fridge or TV, you choose it mainly because it was more energy efficient than other models	30%
You regularly use environmentally friendly alternatives to using your private car such as walking, biking, taking public transport or car-sharing	26%
You have insulated your home better to reduce your energy consumption	18%
You have bought a new car and its low fuel consumption was an important factor in your choice	10%
You avoid taking short-haul flights whenever possible	9%
You have switched to an energy supplier or tariff supplying a greater share of energy from renewable sources than your previous one	7%
You have installed equipment to generate renewable electricity yourself in your home, e.g. solar panels, heat pump or wind turbine	4%
You have bought a low-energy home	3%
Other (SPONTANEOUS)	3%
None (SPONTANEOUS)	13%
Don't know	2%

QD6 Which of the following actions have you taken, if any?

		You try to reduce your waste and you regularly separate it for recycling	You try to cut down on your consumption of disposal items whenever possible, e.g. plastic bags from the supermarket, excessive packaging	You buy locally produced and seasonal food whenever possible	When buying a new household appliance e.g. washing machine, fridge or TV, you choose it mainly because it was more energy efficient than other models	You regularly use environmentally friendly alternatives to using your private car such as walking, biking, taking public transport or car-sharing	You have insulated your home better to reduce your energy consumption	You have bought a new car and its low fuel consumption was an important factor in your choice	You avoid taking short-haul flights whenever possible	You have switched to an energy supplier or tariff supplying a greater share of energy from renewable sources than your previous one	You have installed equipment to generate renewable electricity yourself in your home e.g. solar panels, heat pump or wind turbine	You have bought a low-energy home	Other (SPONT.)	None (SPONT.)	Don't know
	EU27	66%	46%	36%	30%	26%	18%	10%	9%	7%	4%	3%	3%	13%	2%
	BE	80%	62%	50%	43%	36%	32%	19%	16%	15%	8%	6%	2%	5%	0%
	BG	23%	22%	37%	25%	13%	15%	2%	2%	0%	0%	1%	0%	28%	7%
	CZ	69%	42%	28%	39%	23%	19%	8%	8%	4%	3%	1%	0%	11%	2%
	DK	69%	52%	43%	55%	50%	29%	21%	11%	8%	10%	4%	2%	7%	1%
	DE	79%	59%	46%	40%	43%	18%	18%	23%	14%	6%	2%	1%	5%	1%
	EE	61%	54%	44%	40%	28%	31%	10%	7%	4%	4%	4%	1%	6%	2%
	IE	79%	62%	34%	24%	15%	28%	8%	3%	10%	3%	3%	2%	8%	5%
	EL	62%	36%	37%	15%	21%	12%	3%	5%	2%	1%	1%	5%	20%	1%
	ES	72%	46%	23%	23%	16%	5%	2%	2%	2%	3%	2%	3%	16%	0%
	FR	79%	54%	40%	35%	26%	13%	4%	2%	5%	4%	4%	6%	1%
	IT	55%	41%	35%	29%	21%	12%	10%	5%	8%	5%	4%	2%	15%	1%
	CY	57%	21%	34%	20%	14%	10%	10%	3%	1%	8%	2%	2%	28%	0%
	LV	27%	37%	38%	24%	33%	13%	4%	3%	2%	1%	1%	0%	22%	5%
	LT	39%	27%	23%	18%	10%	9%	5%	2%	1%	1%	1%	3%	23%	6%
	LU	88%	71%	52%	49%	39%	30%	27%	16%	11%	9%	6%	1%	3%	1%
	HU	49%	46%	29%	27%	16%	17%	3%	4%	1%	1%	2%	3%	17%	1%
	MT	76%	50%	34%	31%	19%	11%	8%	3%	2%	5%	6%	0%	11%	2%
	NL	73%	54%	31%	44%	49%	23%	13%	10%	19%	6%	7%	5%	8%	1%
	AT	72%	56%	55%	37%	30%	13%	12%	21%	8%	7%	1%	3%	7%	1%
	PL	41%	31%	26%	22%	11%	9%	4%	3%	1%	1%	2%	3%	24%	5%
	PT	56%	29%	14%	8%	12%	7%	1%	1%	2%	1%	2%	3%	31%	0%
	RO	23%	21%	31%	17%	14%	18%	5%	3%	1%	1%	2%	3%	33%	13%
	SI	86%	66%	43%	40%	34%	22%	8%	7%	5%	6%	3%	5%	4%	0%
	SK	59%	36%	36%	30%	21%	22%	6%	5%	2%	1%	2%	2%	13%	1%
	FI	71%	52%	36%	35%	41%	16%	17%	18%	11%	17%	2%	7%	4%	0%
	SE	81%	56%	46%	35%	60%	17%	19%	28%	16%	14%	2%	3%	4%	0%
	UK	78%	48%	34%	28%	27%	30%	12%	9%	13%	3%	2%	4%	8%	1%

Highest percentage per country   Lowest percentage per country

Highest percentage per item   Lowest percentage per item

10

QD7. Do you think that in 2050 people will be using renewable energy sources
such as wind and solar power more than they do now?

- Total 'Yes'
- Total 'No'
- No change (SPONTANEOUS)
- Don't know

EU27

DK	82%	
SE	79%	
DE	74%	
NL	70%	
CY	68%	
LU	65%	
IE	63%	
FI	61%	
SI	59%	
BE	56%	
EE	56%	
UK	54%	
SK	52%	
LV	51%	
EU	50%	
EL	50%	
CZ	49%	
MT	48%	
AT	47%	
ES	44%	
FR	42%	
HU	40%	
BG	40%	
LT	40%	
IT	36%	
RO	34%	
PL	34%	
PT	32%	

Question: QD7. Do you think that in 2050 people will be using renewable energy sources such as wind and solar power more
than they do now?

Answers: Yes, definitely

Map Legend
- 54% - 100%
- 47% - 53%
- 0% - 46%

11
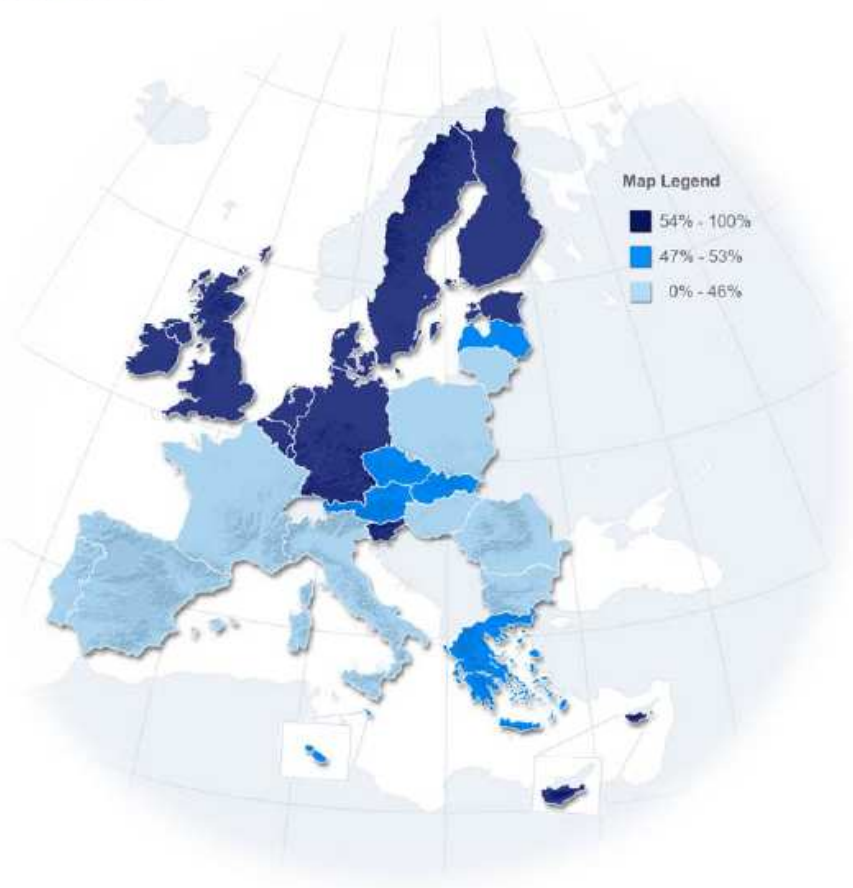
QD9. Do you think that in 2050 cars will still be using petrol or diesel or will cars be fuelled in a more energy efficient way?

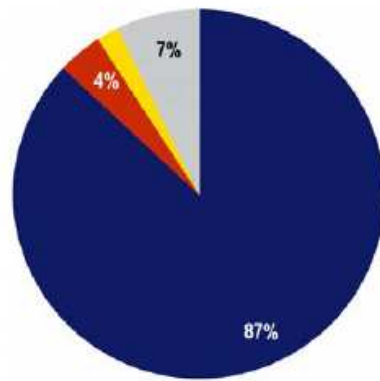|	
A more energy efficient way	73%
Petrol or diesel	13%
Don't know	14%

● EU27

QD8. Do you think that in 2050 people will consume energy more efficiently than they do now?

Total 'More efficiently'

Total 'Less efficientely'

No change (SPONTANEOUS)

Don't know

EU27

SE	75%	
DK	74%	
DE	61%	
LU	60%	
CY	60%	
IE	60%	
FI	60%	
SI	55%	
NL	53%	
EE	52%	
UK	49%	
LV	48%	
SK	48%	
CZ	48%	
BE	45%	
EU	45%	
HU	44%	
LT	44%	
EL	44%	
AT	43%	
FR	41%	
MT	40%	
ES	36%	
BG	34%	
IT	34%	
PL	32%	
RO	31%	
PT	30%	

Question: QD8. Do you think that in 2050 people will consume energy more efficiently than they do now?

Answers: Yes, a lot more efficiently

Map Legend

49% - 100%

42% - 48%

0% - 41%