1. EFFECT OF BIOTECHNOLOGY AND GENETIC ENGINEERING ON OUR WAY OF LIFE IN THE NEXT 20 YEARS

QB1.3. I am going to read out a list of areas where new technologies are currently developing. For each of these, do you think it will have a positive, a negative or no effect on our way of life in the next 20 years?

2. EFFECT OF OTHER SCIENCES ON OUR WAY OF LIFE IN THE NEXT 20 YEARS

QB1. I am going to read out a list of areas where new technologies are currently developing. For each of these, do you think it will have a positive, a negative or no effect on our way of life in the next 20 years?

3. WHO DOES A GOOD JOB FOR SOCIETY

QB19. For each of the following people and groups, do you think they are doing a good job for society or not doing a good job for society?

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EUROBAROMETER 73.1
RESULTS FOR SPAIN
4. WHO SHOULD TAKE RESPONSIBILITY? ON OUR WAY OF LIFE IN THE NEXT 20 YEARS

**QB23. Which of the following views is closest to your own?**

![Pie chart showing responses to QB23.](chart1)

- The Government should take responsibility to ensure that new technologies benefit everyone: 76% EU27, 56% ES
- It is up to people to seek out the benefits from new technologies themselves: 16% EU27, 9% ES
- Don’t know: 8% EU27, 5% ES

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<thead>
<tr>
<th>View</th>
<th>EU27</th>
<th>ES</th>
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<tr>
<td>Don’t know</td>
<td>8%</td>
<td>5%</td>
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5. AWARENESS OF NEW TECHNOLOGIES

**QB2. Have you ever heard of ... before?**

- Genetically modified (or GM) foods: 84% EU27, 74% ES, 16% EU27, 26% ES
- Nanotechnology: 48% EU27, 54% ES, 10% EU27, 44% ES
- Animal cloning in food production: 75% EU27, 25% ES, 74% EU27, 26% ES
- Synthetic biology: 17% EU27, 83% ES, 18% EU27, 82% ES
- Biobanks: 34% EU27, 66% ES, 56% EU27, 45% ES

6. STRENGTH OF FEELING ABOUT BIOTECHNOLOGY

**QB26. Overall how strongly would you say you feel about issues concerning biotechnology that we have been talking about in this survey?**

![Pie chart showing responses to QB26.](chart2)

- Extremely strongly: 5% EU27, 3% ES
- Very strongly: 24% EU27, 23% ES
- Somewhat strongly: 45% EU27, 40% ES
- Not at all strongly: 26% EU27, 33% ES
- Don’t know: 0% EU27, 1% ES

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<td>1%</td>
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7. VIEWS ABOUT NEW TECHNOLOGIES (1)

Gb15a. Unlike oil, biofuels are renewable, would reduce greenhouse gas emissions and make the European Union less dependent on imported oil. Critics, however, say that these biofuels take up precious agricultural land and may lead to higher food prices in the European Union and food shortages in the developing world. To what extent do you think these biofuels should be encouraged or not be encouraged?

Gb16a. Now, scientists are working on more sustainable biofuels. These can be made from plant stems and leaves - the things we don't eat, or from trees and algae. With these second generation biofuels, there is no longer the need to use food crops. To what extent do you think these sustainable biofuels should be encouraged or not be encouraged?

Gb8b. The first way is to artificially introduce a resistance gene from another species such as a bacterium or animal into an apple tree to make it resistant to mildew and scab. For each of the following statements about this new technique please tell me if you agree or disagree.

It should be encouraged

Gb10b. The second way is to artificially introduce a gene that exists naturally in wild crab apples which provides resistance to mildew and scab. For each of the following statements about this new technique please tell me if you agree or disagree.

It should be encouraged
8. VIEWS ABOUT NEW TECHNOLOGIES (2)

**QB4a.10.** For each of the following issues regarding GM food please tell me if you agree or disagree with it.

The development of GM food should be encouraged

- **EU27**: 23%
- **ES**: 27%

**QB7b.10.** For each of the following statements regarding animal cloning in food production please tell me if you agree or disagree with it.

Animal cloning in food production should be encouraged

- **EU27**: 15%
- **ES**: 23%

**QB4b.10.** For each of the following statements regarding nanotechnology please tell me if you agree or disagree with it.

Nanotechnology should be encouraged

- **EU27**: 40%
- **ES**: 37%

**QB10a.1.** Now I would like to know whether you agree or disagree with each of the following issues regarding regenerative medicine.

Research involving human embryos should be forbidden, even if this means that possible treatments are not made available to ill people

- **EU27**: 38%
- **ES**: 31%