

Results of the A2020 Sustainable Development Knowledge Survey

Summary for Q1

In your opinion, what are the three traditional pillars of sustainable development?

Answer	Counting	Percentage
Governance (SQ001)	222	36,04%
Economics (SQ002)	481	78,08%
Culture (SQ003)	162	26,30%
Environment (SQ004)	540	87,66%
Social (SQ005)	411	66,72%

Summary for Q2

What do you think has been the most important factor contributing to climate change since the beginning of the industrial era?

Answer	Counting	Percentage
Changes in solar radiation during the last geologic era (A1)	11	1,88%
The release of carbon into the atmosphere due to the combustion of fossil fuels (A2)	388	66,32%
The massive use of ozone-depleting gases (A3)	159	27,18%
The increase of water vapor in the atmosphere (A4)	6	1,03%
I don't know (A5)	20	3,42%
No answer	1	0,17%

Summary for Q3

In your opinion, what is the main sector of greenhouse gas emissions in Quebec?

Answer	Counting	Percentage
The residential sector (A1)	9	1,57%
The passenger and freight transport sector (A2)	127	22,13%
The agriculture and livestock sector (A3)	135	23,52%
The industrial sector (A4)	242	42,16%
Commercial and institutional sector (A5)	18	3,14%
I don't know (A6)	42	7,32%
No answer	1	0,17%

Summary for Q4

What do you think the concept of ecosystem service is?

Answer	Counting	Percentage
An industrial process whose operation is inspired by ecosystems (A1)	193	34,22%
The benefits that humans derive from nature (A2)	150	26,60%
The benefits of a comprehensive economic approach (A3)	91	16,13%
I don't know (A4)	124	21,99%
No answer	6	1,06%

Summary for Q5

Honey bees, like other pollinating insects, are subject to many stresses. For example, in 2018, Quebec, recorded a winter mortality rate of honey bee colonies (*Apis mellifera*), varying from 70 to 80%. In your opinion, what would be the sustainable measures that would allow to decrease the pressure that our pollinators are undergoing?

Answer	Counting	Percentage
Establish more beehives in urban areas (SQ001)	180	32,79%
Establish gardens for urban agriculture (SQ002)	278	50,64%
Increase the presence of green grassy areas (SQ003)	217	39,53%
Create honey meadows (SQ004)	275	50,09%

I don't know (SQ005)	55	10,02%
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Summary for Q6

Which of the following do you think are threats to biodiversity?

Answer	Counting	Percentage
Water pollution (SQ001)	439	80,40%
Overexploitation of species (SQ002)	399	73,08%
Global warming (SQ003)	444	81,32%
Biological invasions (invasive species) (SQ004)	338	61,90%
Habitat loss (SQ005)	410	75,09%
I don't know (SQ006)	7	1,28%

Summary for Q7

In your opinion, which of the following statements about the sources of energy consumed in Quebec is correct?

Answer	Counting	Percentage
Thanks to its hydroelectric production, Quebec meets more than 50% of its energy needs (A1)	244	44,94%
Despite having one of the highest hydroelectric production in the world, Quebec imports more than 50% of its energy needs. (A2)	196	36,10%
I don't know (A3)	99	18,23%
No answer	4	0,74%

Summary for Q8

In your opinion, fair trade improves the working and living conditions of producers by :

Answer	Counting	Percentage
Guaranteeing a minimum price covering production costs (A1)	273	51,22%
Guaranteeing the minimum price fixed on the international markets (A2)	135	25,33%
Increasing the number of intermediaries between the production of the product and its consumption (A3)	36	6,75%
Promoting intensive farming techniques (A4)	10	1,88%
I don't know (A5)	74	13,88%
No answer	5	0,94%

Summary for Q9

Which of the following statements about agriculture do you think is/are true?

Answer	Counting	Percentage
Intensive agriculture is more productive in the long run (SQ001)	37	7,03%
The production of one kilo of beef requires much more water than the production of one kilo of fruit (SQ002)	413	78,52%
Small-scale agriculture is less diversified (SQ003)	37	7,03%
One third of the world's food production is wasted or lost (SQ004)	445	84,60%
I don't know (SQ006)	21	3,99%

Summary for Q10

What environmental costs do you think are factored into the purchase price of a car, its registration and gas taxes?

Answer	Counting	Percentage
Impacts related to the manufacturing of the vehicle (A1)	90	17,24%
Air pollution, mainly volatile organic compounds and nitrogen oxides (A2)	154	29,50%
The impacts of global warming (A3)	24	4,60%
Human health costs (A4)	9	1,72%

None of the above (A5)	147	28,16%
I don't know (A6)	94	18,01%
No answer	4	0,77%

Summary for Q11

Which of these processes do you think are circular economy related strategies?

Answer	Counting	Percentage
Maintenance and repair (SQ001)	250	47,98%
Reuse and redistribution of consumer products (SQ002)	319	61,23%
Reconditioning and remanufacturing (SQ003)	272	52,21%
The exchange of materials, water and energy between industries (SQ004)	171	32,82%
Industrial symbioses (SQ005)	137	26,30%
I don't know (SQ006)	118	22,65%

Summary for Q12

What do you think the 17 Sustainable Development Goals (SDGs) are?

Answer	Counting	Percentage
Objectives emanating from the strategic planning of the University of Montreal (A1)	36	6,92%
The 2030 objectives of the Government of Quebec (A2)	45	8,65%
Government of Canada 2030 Goals (A3)	81	15,58%
The global goals emanating from the United Nations (A4)	347	66,73%
No answer	11	2,12%