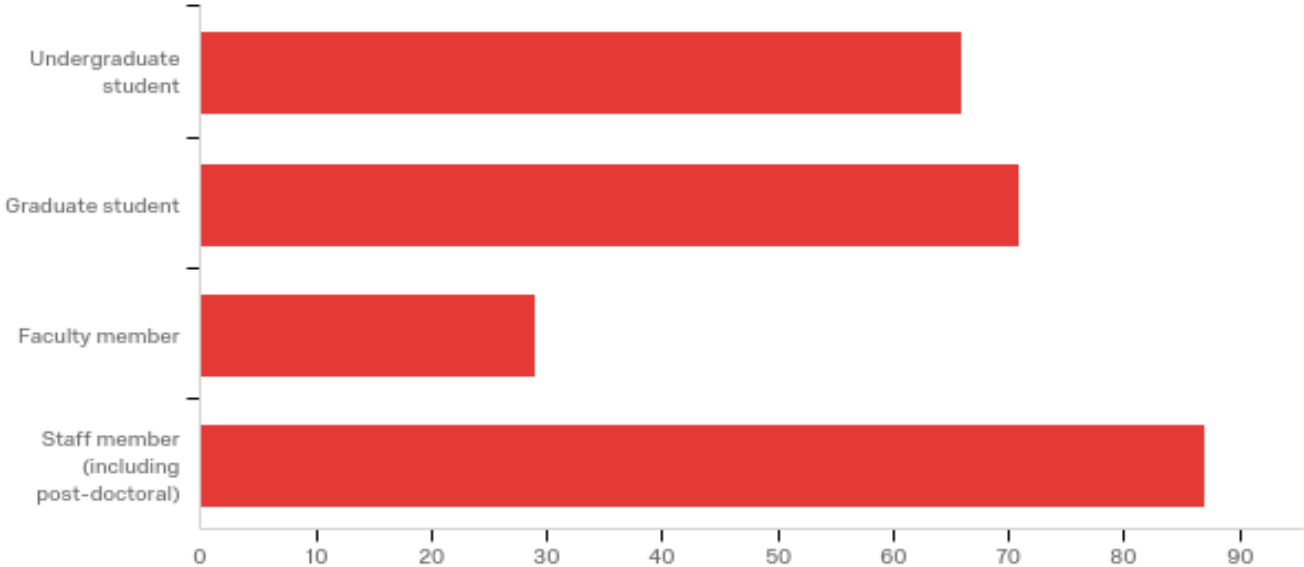


Literacy report

Sustainability Literacy at WPI

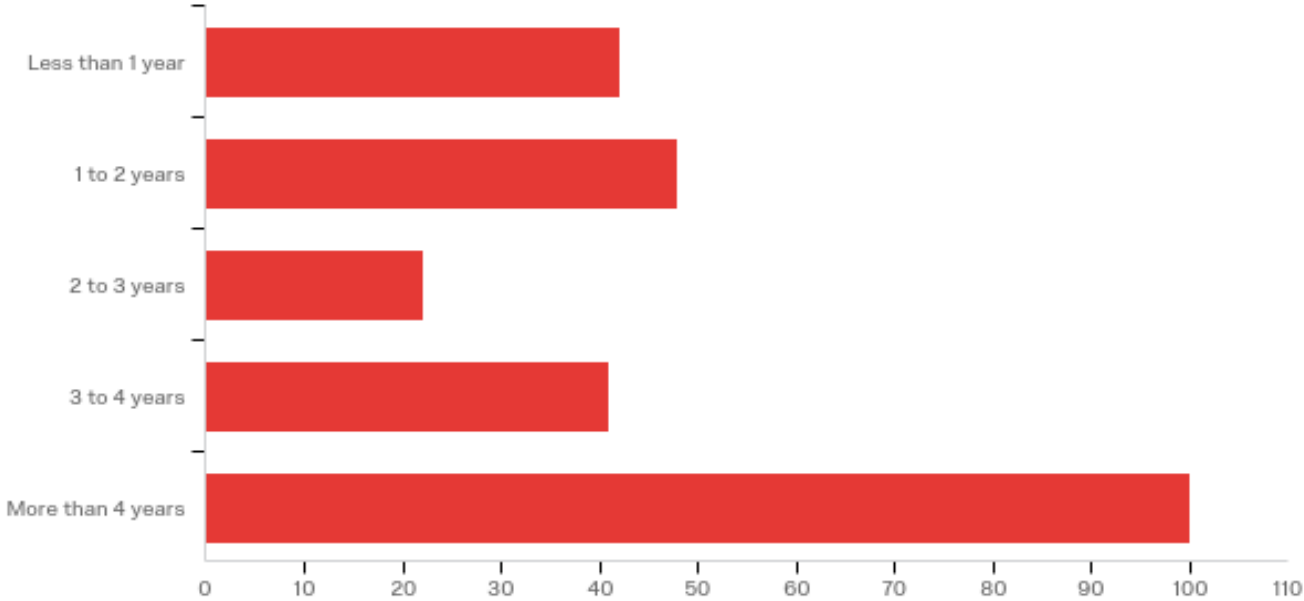
May 22nd 2017, 3:09 pm EDT

Q2 - What is your role at WPI?



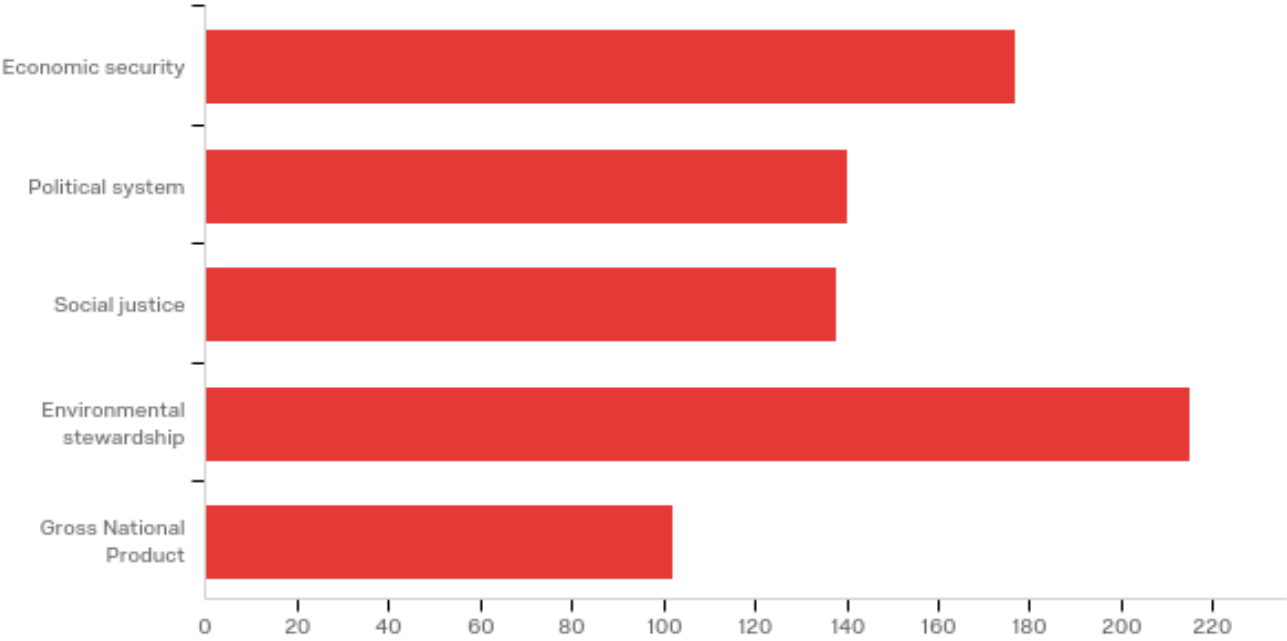
#	Answer	%	Count
1	Undergraduate student	26.09%	66
2	Graduate student	28.06%	71
3	Faculty member	11.46%	29
4	Staff member (including post-doctoral)	34.39%	87
	Total	100%	253

Q4 - How long have you been at WPI?



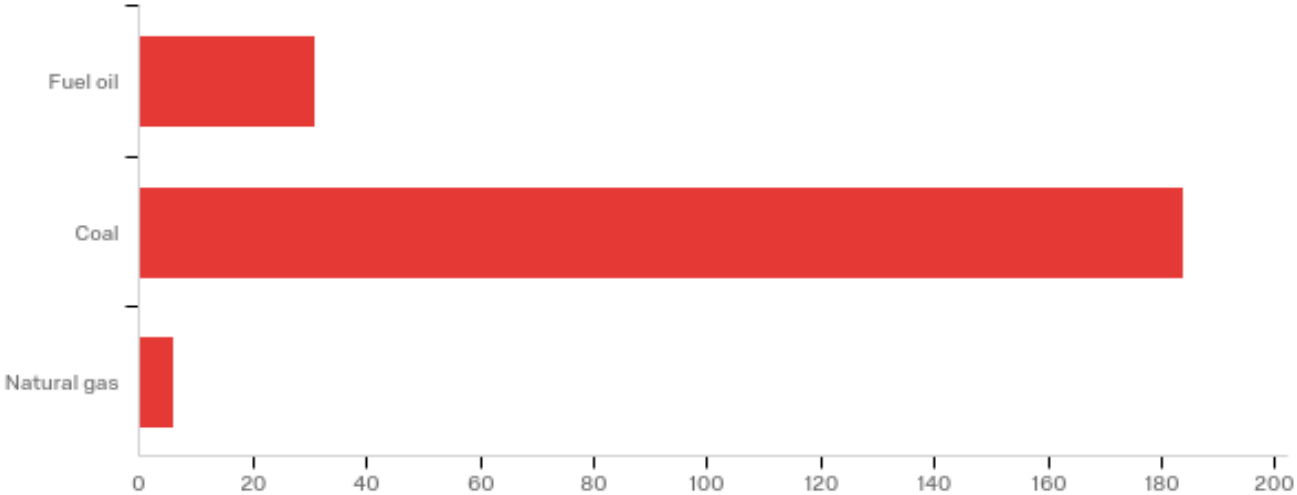
#	Answer	%	Count
1	Less than 1 year	16.60%	42
2	1 to 2 years	18.97%	48
3	2 to 3 years	8.70%	22
4	3 to 4 years	16.21%	41
5	More than 4 years	39.53%	100
	Total	100%	253

Q5 - Select all of the following that are aspects of sustainability



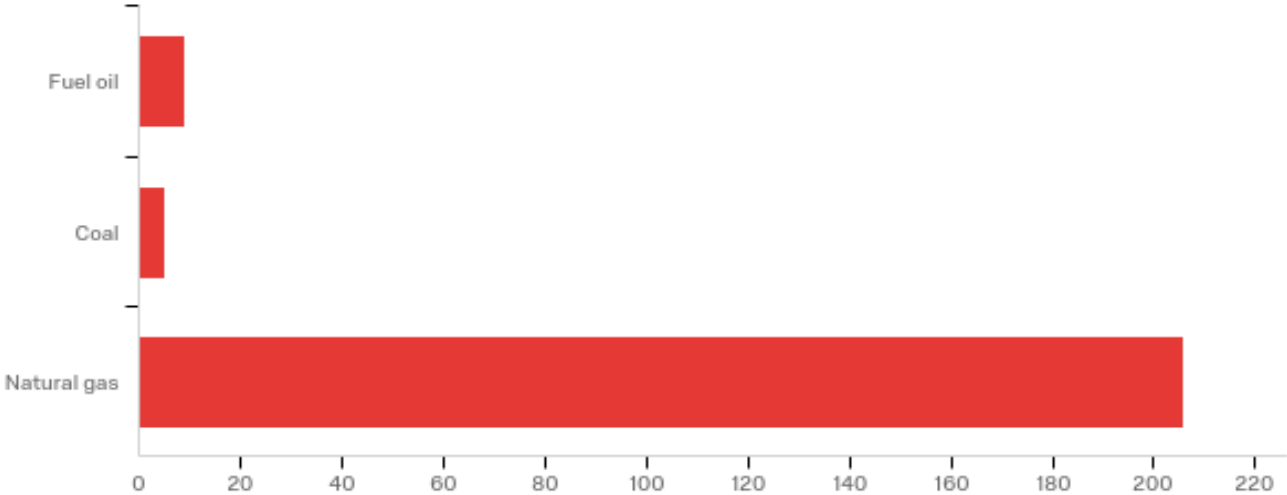
#	Answer	%	Count
1	Economic security	80.45%	177
2	Political system	63.64%	140
3	Social justice	62.73%	138
4	Environmental stewardship	97.73%	215
5	Gross National Product	46.36%	102
	Total	100%	220

Q6 - Which of the following emits the most carbon dioxide per unit of energy?



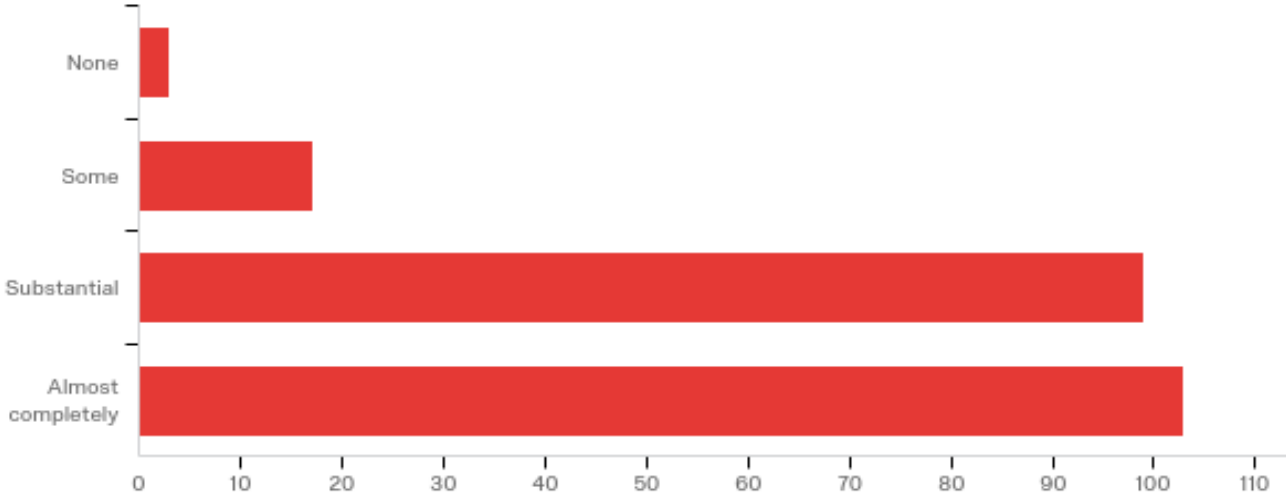
#	Answer	%	Count
1	Fuel oil	14.03%	31
2	Coal	83.26%	184
3	Natural gas	2.71%	6
	Total	100%	221

Q7 - Which of the following emits the least carbon dioxide per unit of energy?



#	Answer	%	Count
1	Fuel oil	4.09%	9
2	Coal	2.27%	5
3	Natural gas	93.64%	206
	Total	100%	220

Q8 - To what extent is climate change caused by human activities?



#	Answer	%	Count
1	None	1.35%	3
2	Some	7.66%	17
3	Substantial	44.59%	99
4	Almost completely	46.40%	103
	Total	100%	222

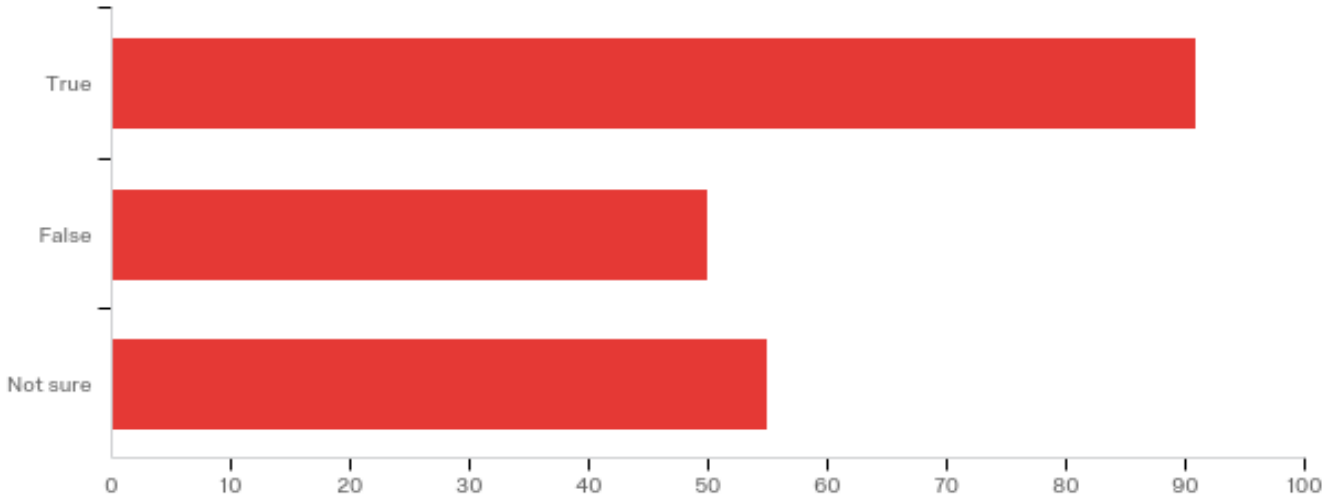
Q9 - Please rank the importance with respect to sustainability of each of the following on a 10 point scale.

Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
Clean energy (wind, solar, hydro)	1.00	10.00	8.94	1.64	2.68	198
Buying recycled products	0.00	10.00	7.24	2.24	5.00	199
Clean air	1.00	10.00	9.03	1.57	2.46	198
Clean water	2.00	10.00	9.22	1.52	2.32	199
Minimizing landfills	0.00	10.00	7.32	2.42	5.86	198
Local sustainable food	0.00	10.00	7.28	2.37	5.61	199
Preserving the natural environment	0.00	10.00	8.63	1.85	3.42	199
Assuring decent living conditions for everyone	0.00	10.00	7.82	2.51	6.30	191

Q10 - Please indicate the frequency with which each of these topics comes up in your daily life

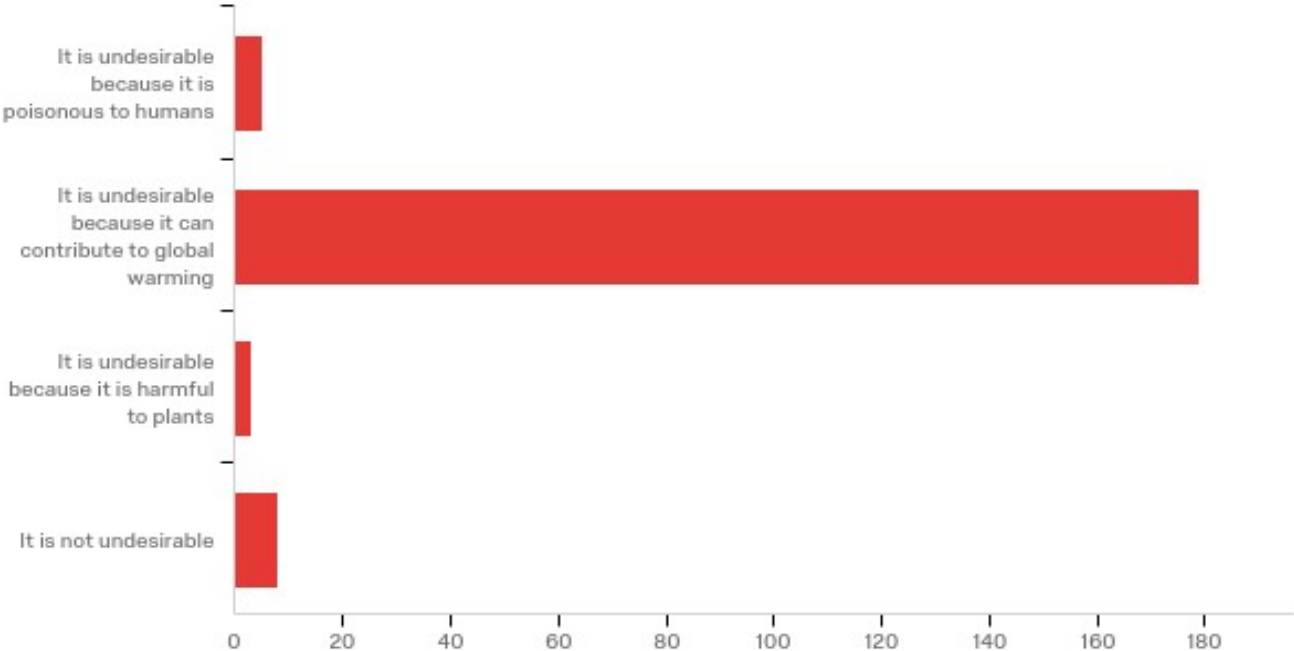
Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
Clean energy (wind, solar, hydro)	0.00	10.00	5.96	2.60	6.77	194
Buying recycled products	0.00	10.00	5.99	2.35	5.53	195
Clean air	0.00	10.00	6.04	2.73	7.46	193
Clean water	0.00	10.00	6.50	2.70	7.30	193
Minimizing land fills	0.00	10.00	3.78	2.80	7.85	187
Local sustainable food	0.00	10.00	5.64	2.59	6.69	194
Preserving the natural environment	0.00	10.00	6.76	2.43	5.92	194
Assuring decent living conditions for everyone	0.00	10.00	5.21	2.86	8.17	189

Q11 - The percentage of the earth's population living in extreme poverty has increased over the past decade.



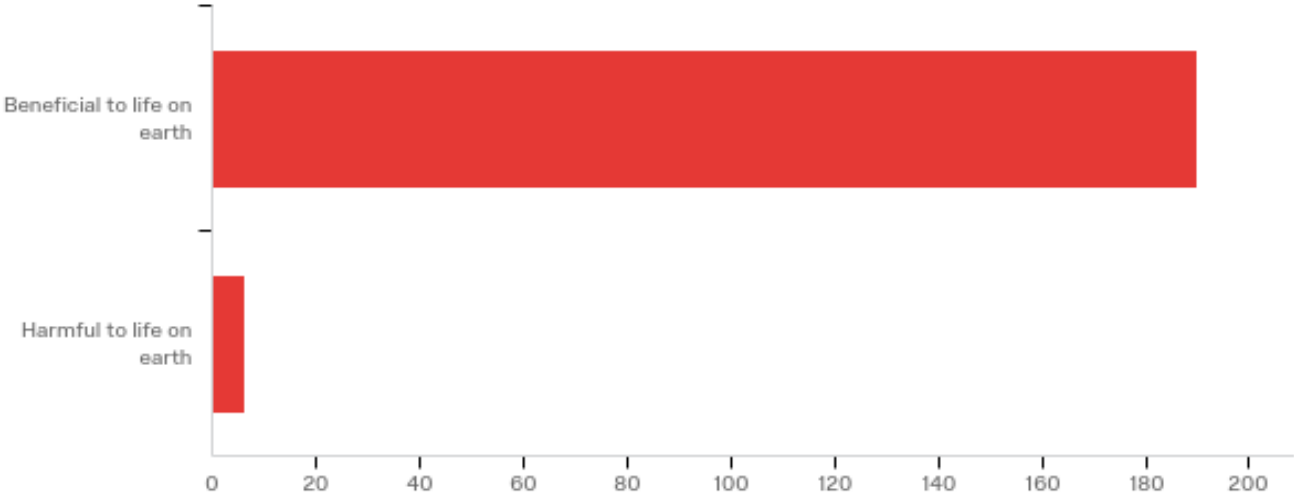
#	Answer	%	Count
1	True	46.43%	91
2	False	25.51%	50
3	Not sure	28.06%	55
	Total	100%	196

Q12 - Regarding the release of carbon dioxide into the atmosphere:



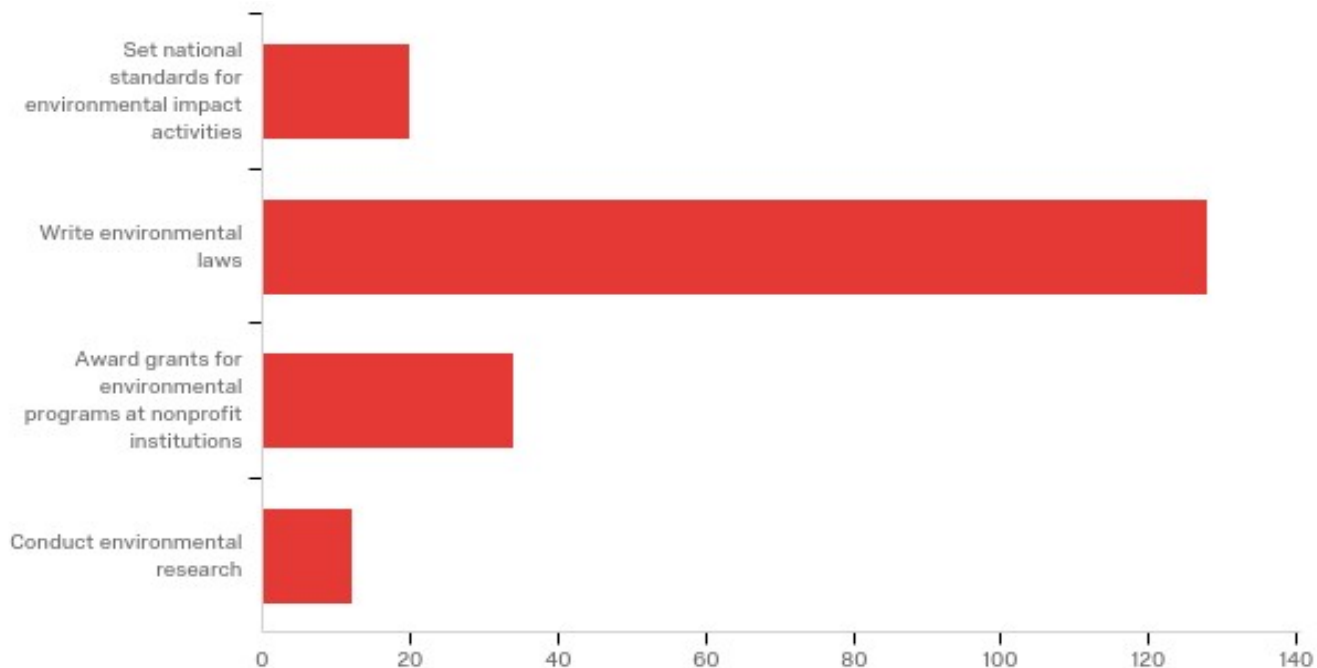
#	Answer	%	Count
1	It is undesirable because it is poisonous to humans	2.56%	5
2	It is undesirable because it can contribute to global warming	91.79%	179
3	It is undesirable because it is harmful to plants	1.54%	3
4	It is not undesirable	4.10%	8
	Total	100%	195

Q13 - The earth's ozone layer is



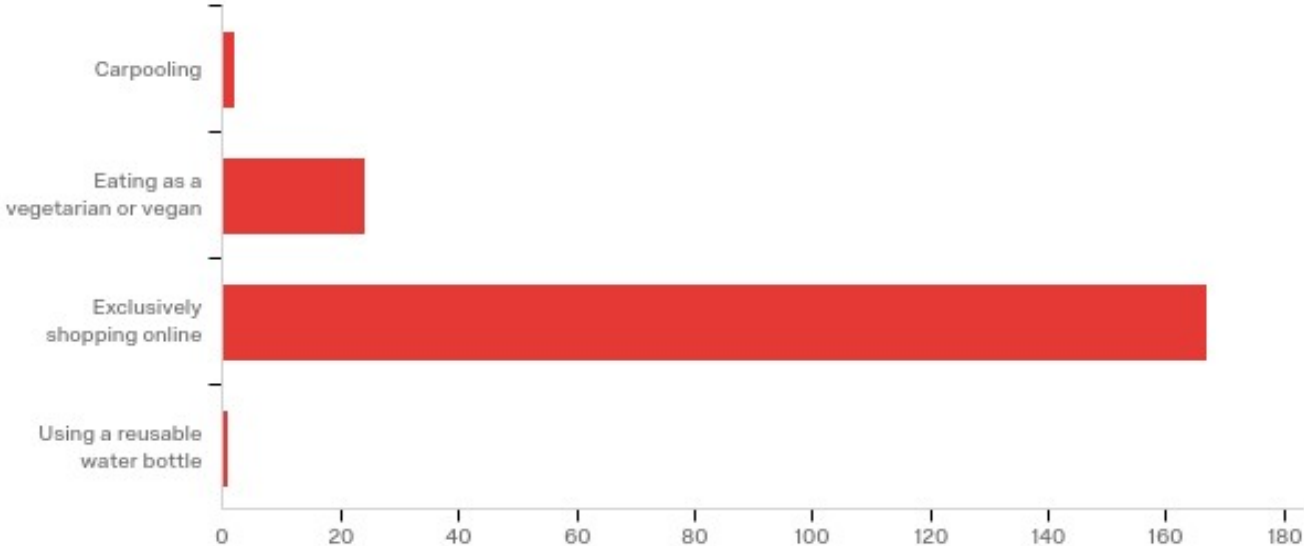
#	Answer	%	Count
1	Beneficial to life on earth	96.94%	190
2	Harmful to life on earth	3.06%	6
	Total	100%	196

Q14 - What does the Environmental Protection Agency NOT do:



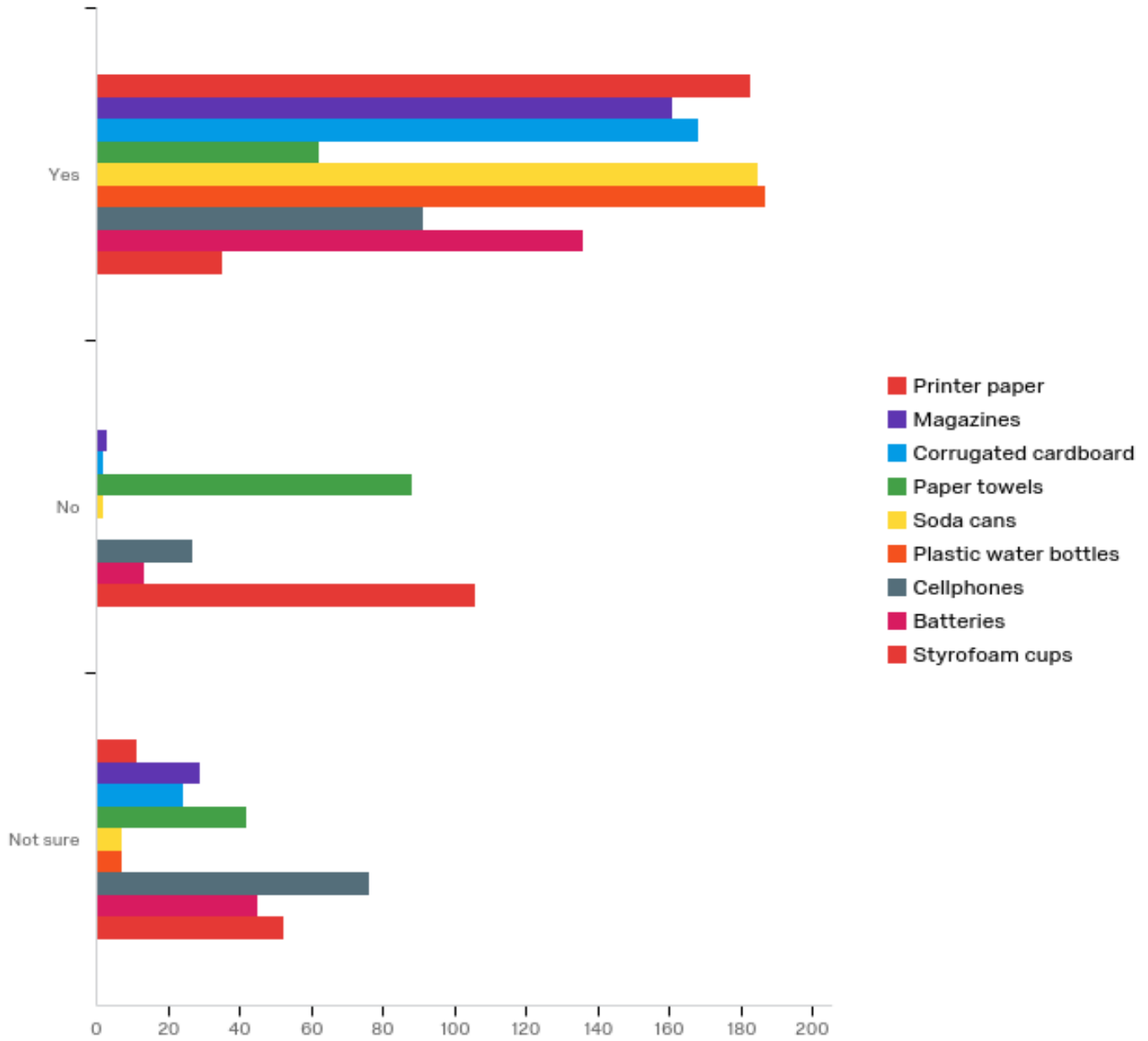
#	Answer	%	Count
1	Set national standards for environmental impact activities	10.31%	20
2	Write environmental laws	65.98%	128
4	Award grants for environmental programs at nonprofit institutions	17.53%	34
5	Conduct environmental research	6.19%	12
	Total	100%	194

Q15 - Which of the following is NOT a sustainable practice:



#	Answer	%	Count
1	Carpooling	1.03%	2
2	Eating as a vegetarian or vegan	12.37%	24
3	Exclusively shopping online	86.08%	167
4	Using a reusable water bottle	0.52%	1
	Total	100%	194

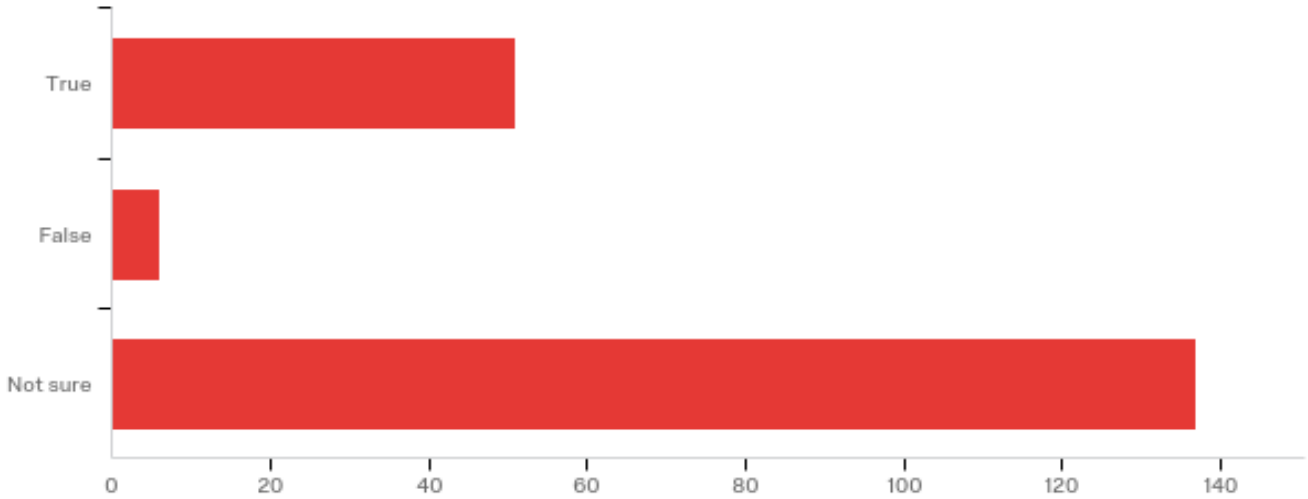
Q16 - Which of the following can be recycled at WPI:



#	Question	Yes	No	Not sure	Total
1	Printer paper	94.33%	0.00%	5.67%	194
2	Magazines	83.42%	1.55%	15.03%	193
3	Corrugated cardboard	86.60%	1.03%	12.37%	194
4	Paper towels	32.29%	45.83%	21.88%	192

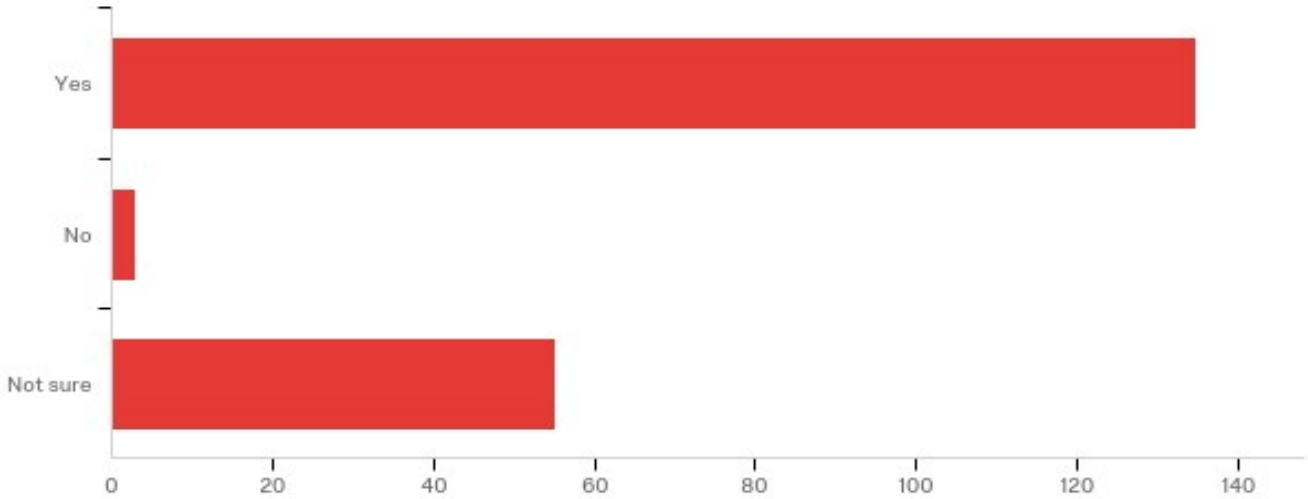
5	Soda cans	95.36%	185	1.03%	2	3.61%	7	194
6	Plastic water bottles	96.39%	187	0.00%	0	3.61%	7	194
7	Cellphones	46.91%	91	13.92%	27	39.18%	76	194
8	Batteries	70.10%	136	6.70%	13	23.20%	45	194
9	Styrofoam cups	18.13%	35	54.92%	106	26.94%	52	193

Q17 - I can bring a reusable coffee cup to Dunkin Donuts and receive some type of discount



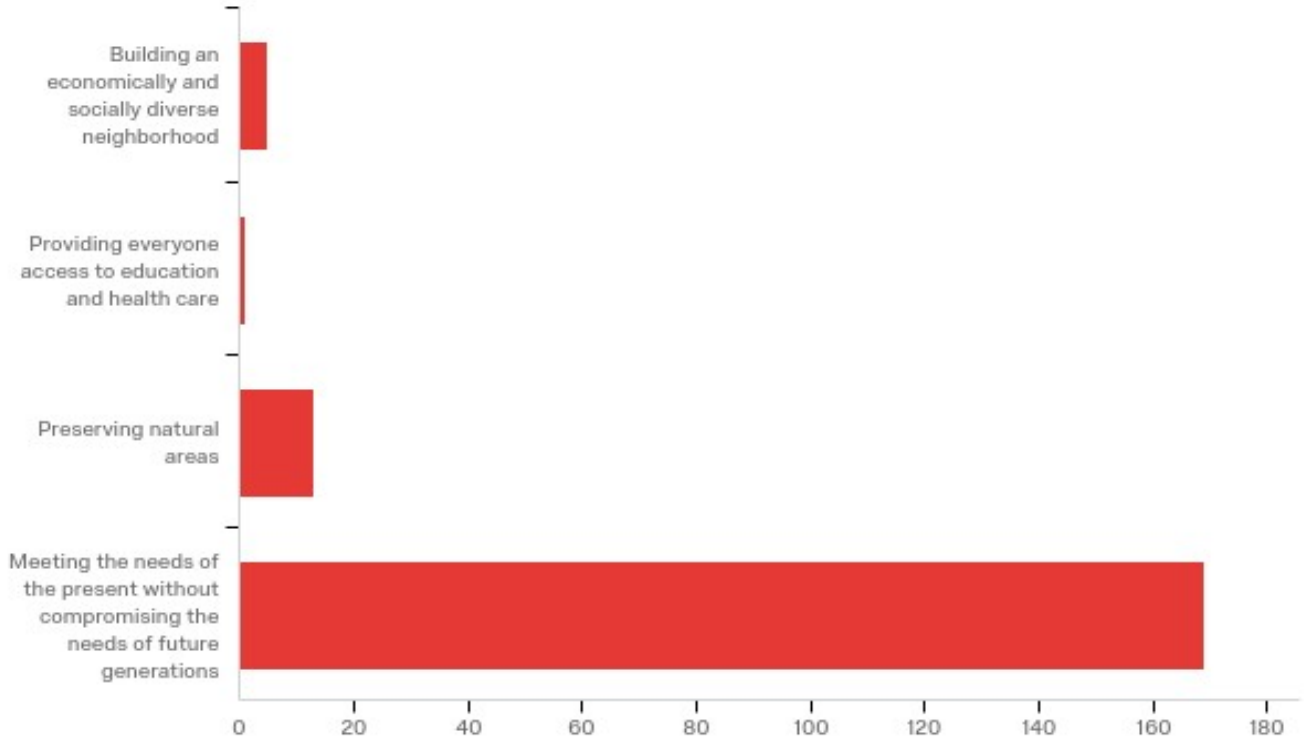
#	Answer	%	Count
1	True	26.29%	51
2	False	3.09%	6
3	Not sure	70.62%	137
	Total	100%	194

Q18 - I can make use of a reusable takeout container at the Rubin Campus Center Food Court



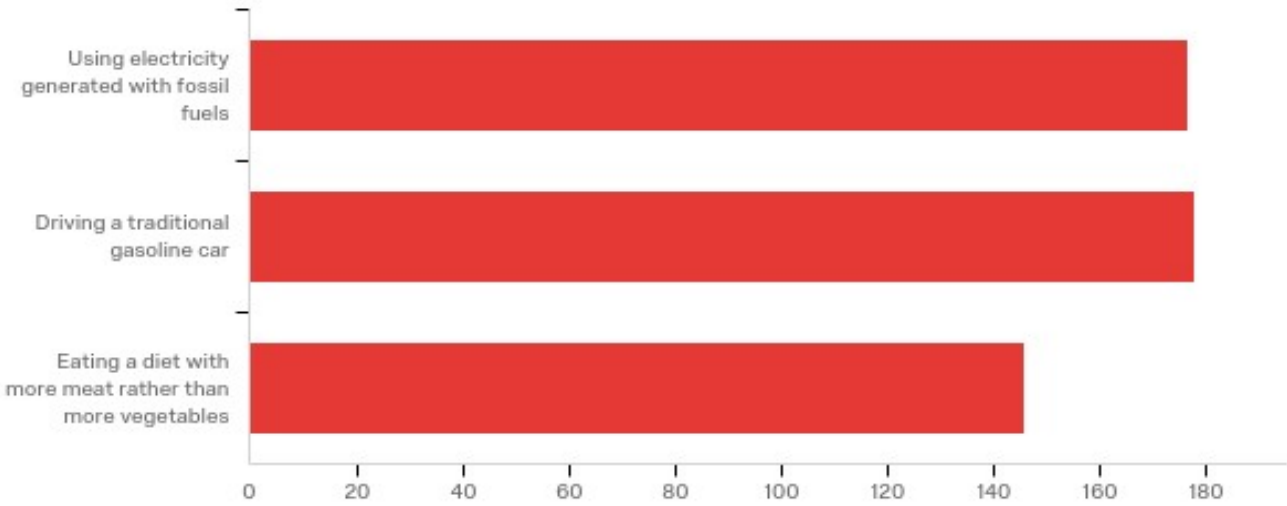
#	Answer	%	Count
1	Yes	69.95%	135
2	No	1.55%	3
3	Not sure	28.50%	55
	Total	100%	193

Q19 - What is the most common definition of sustainable development:



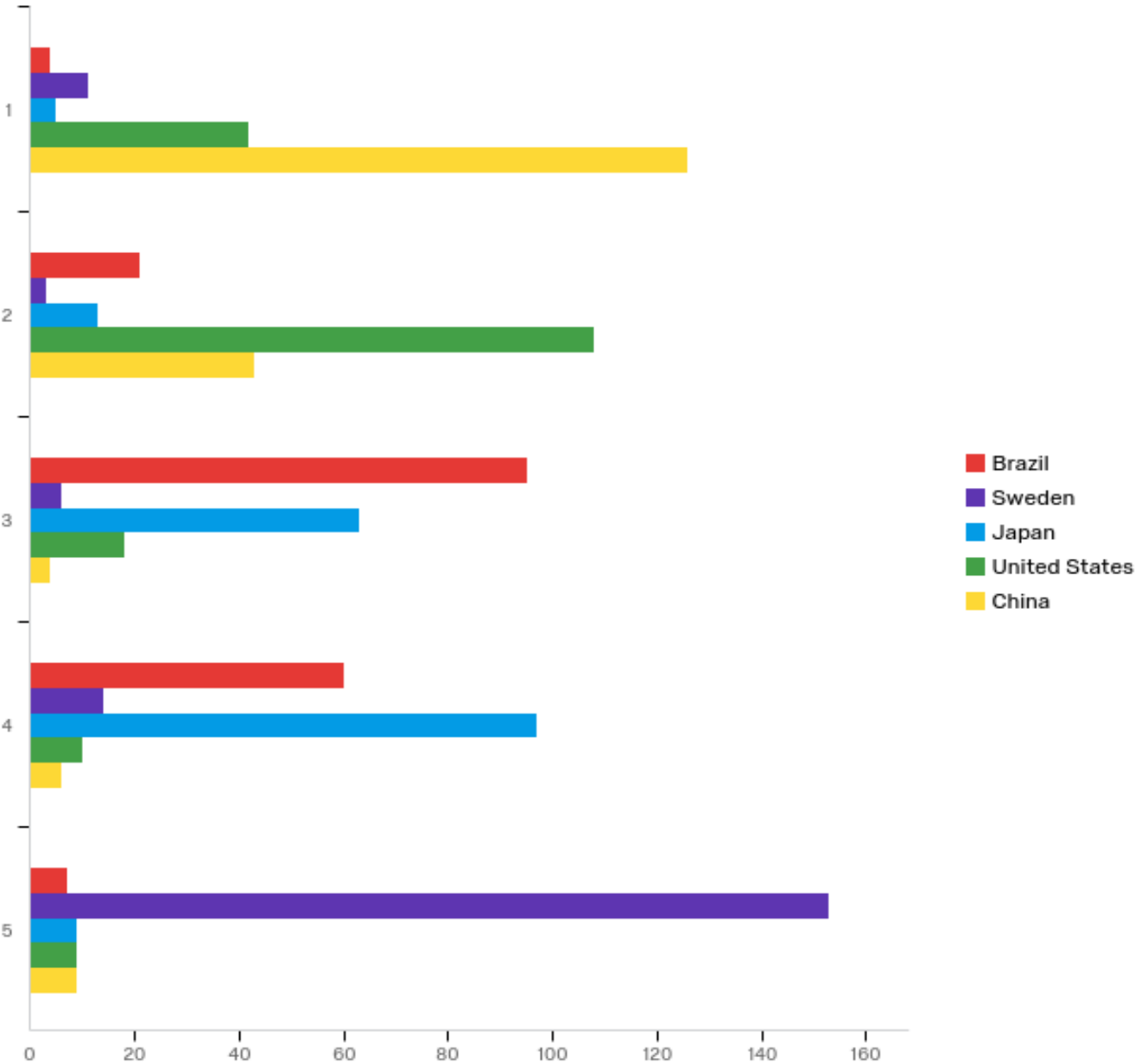
#	Answer	%	Count
1	Building an economically and socially diverse neighborhood	2.66%	5
2	Providing everyone access to education and health care	0.53%	1
3	Preserving natural areas	6.91%	13
4	Meeting the needs of the present without compromising the needs of future generations	89.89%	169
	Total	100%	188

Q20 - Which of the following activities contribute to a person's carbon footprint? (Choose all that apply)



#	Answer	%	Count
1	Using electricity generated with fossil fuels	94.65%	177
2	Driving a traditional gasoline car	95.19%	178
3	Eating a diet with more meat rather than more vegetables	78.07%	146
	Total	100%	187

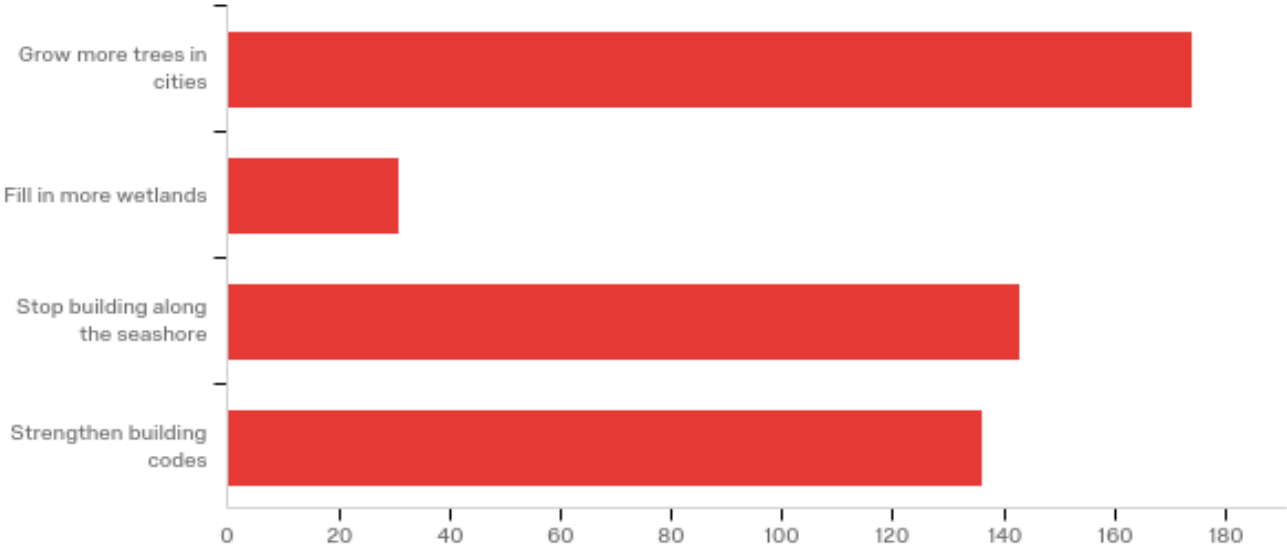
Q21 - Organize the following nations in the order of their greenhouse gas emissions, with 1 being greatest.



#	Question	1	2	3	4	5	Total
1	Brazil	2.14%	11.23%	50.80%	32.09%	3.74%	187
2	Sweden	5.88%	1.60%	3.21%	7.49%	81.82%	187
3	Japan	2.67%	6.95%	33.69%	51.87%	4.81%	187
4	United	22.46%	57.75%	9.63%	5.35%	4.81%	187

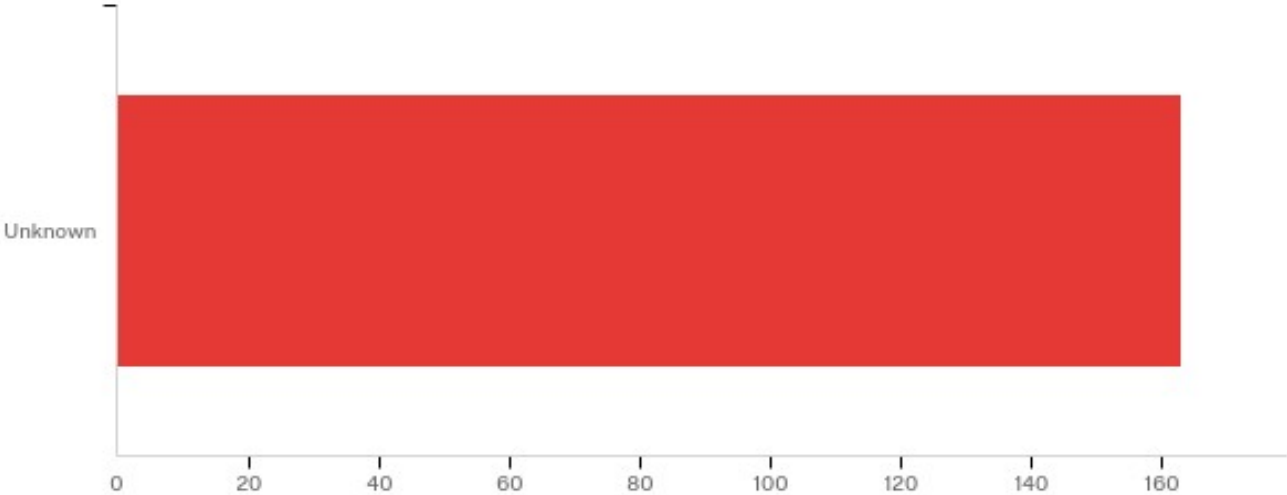
	States											
5	China	67.02 %	126	22.87 %	43	2.13%	4	3.19%	6	4.79%	9	188

Q22 - Which of the following can we do to prepare for climate change (select all that apply).



#	Answer	%	Count
1	Grow more trees in cities	91.58%	174
2	Fill in more wetlands	16.32%	31
3	Stop building along the seashore	75.26%	143
4	Strengthen building codes	71.58%	136
	Total	100%	190

Q3 - Topics



Answer	%	Count
Unknown	100.00%	163
Total	100%	163