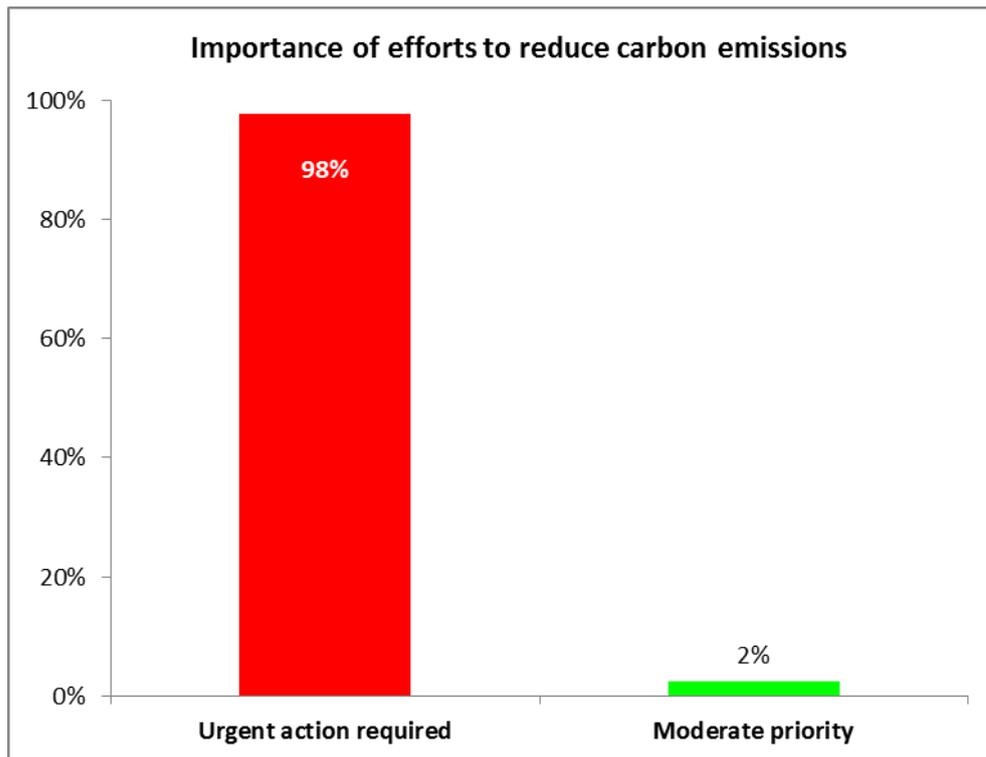


Questionnaire on carbon emissions and the energy transition

Results from returned forms at UCM Talk “How might the Isle of Man be Carbon Neutral?” presented by Dave Quirk at Mountain View Innovation Centre on 15 Jan 2020.

Of an audience of 121 people, 42 questionnaires were returned, representing a 35% response.

- 1) How important do you regard efforts to reduce carbon emissions?



- 2) If a complete transition from fossil fuels to renewable energies could be achieved within, say, 20 years, how much do you think an average employed person on the Isle of Man would be prepared to pay each year to make this happen, in addition to existing taxes and rates?

Average - £336 per year (median - £200 per year)

- 3) How many people were in the vehicle you travelled in/on to the talk?

Average – 2.6 people per car

- 4) Where did you travel from?

Average return distance travelled by car – 34 km

Estimated number of cars attending talk – 46

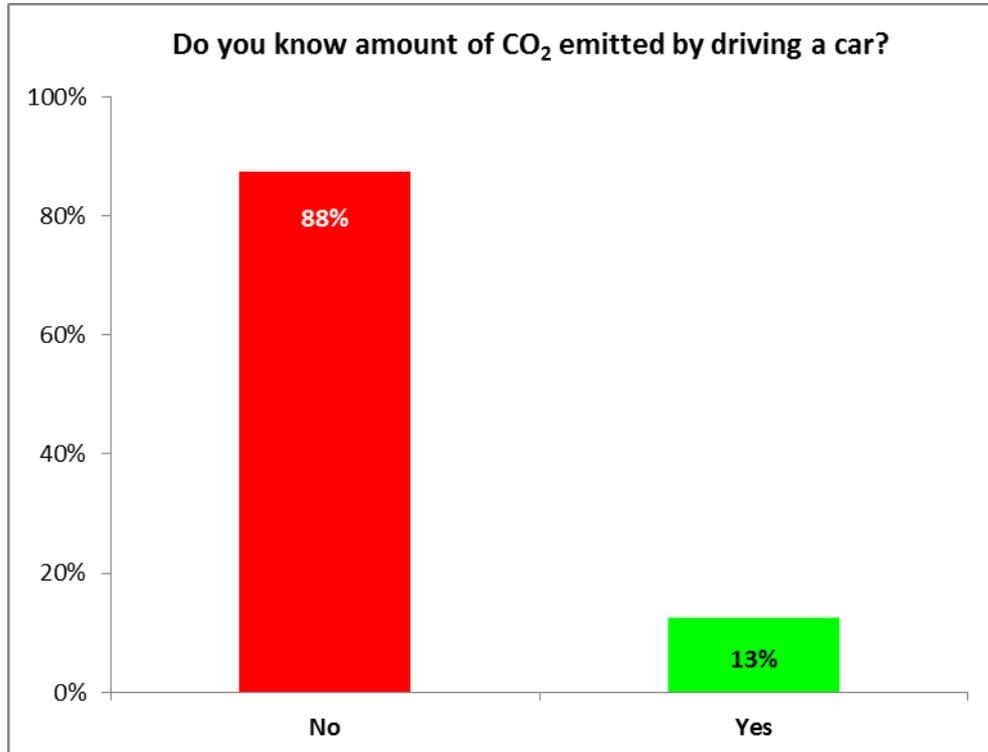
Assumed CO₂ emitted per km travelled by car – 0.42 kg

Estimated CO₂ emitted by audience’s cars travelling to & from talk – 0.65 tonnes

5) On average, how many journeys do you take by private vehicle per week?

Average – 7.6 car journeys

6) Do you know how much CO₂ you produce for every kilometre you drive a car?



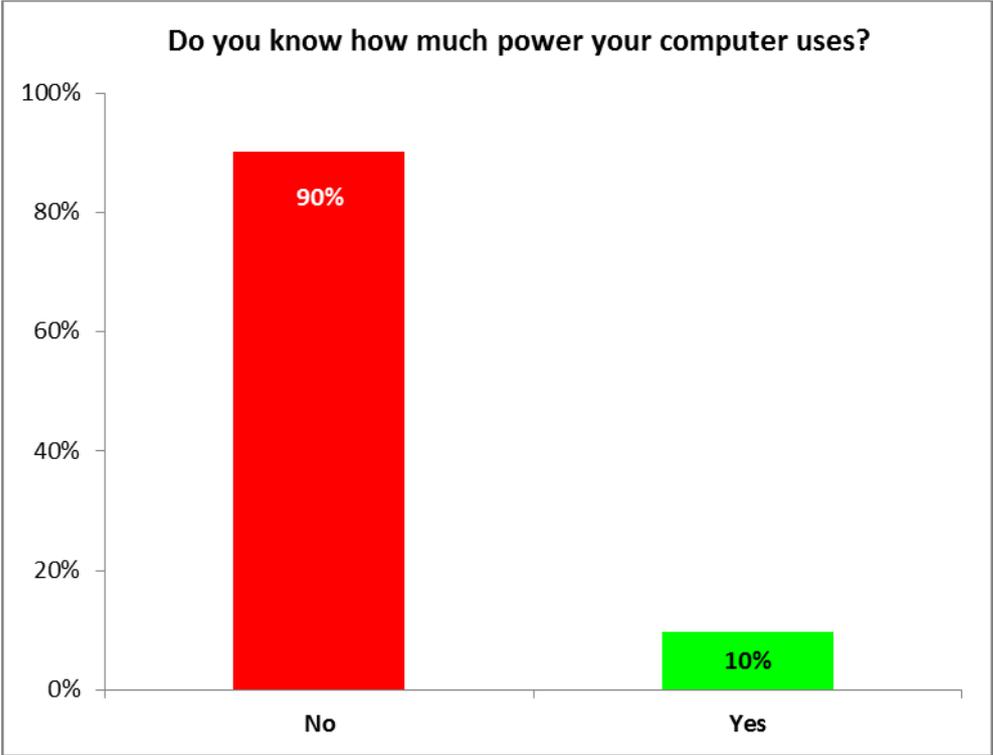
7) Rank from highest to lowest those green energy projects you favour:

Wind farm (offshore)	1 - most favoured
Energy conservation	2
Solar energy	3
Wind farm (onshore)	4
Electric vehicles	5
Hydrogen technology	6
Tidal turbines	7
Carbon capture	8
District heating	9
Power from forests	10 - least favoured

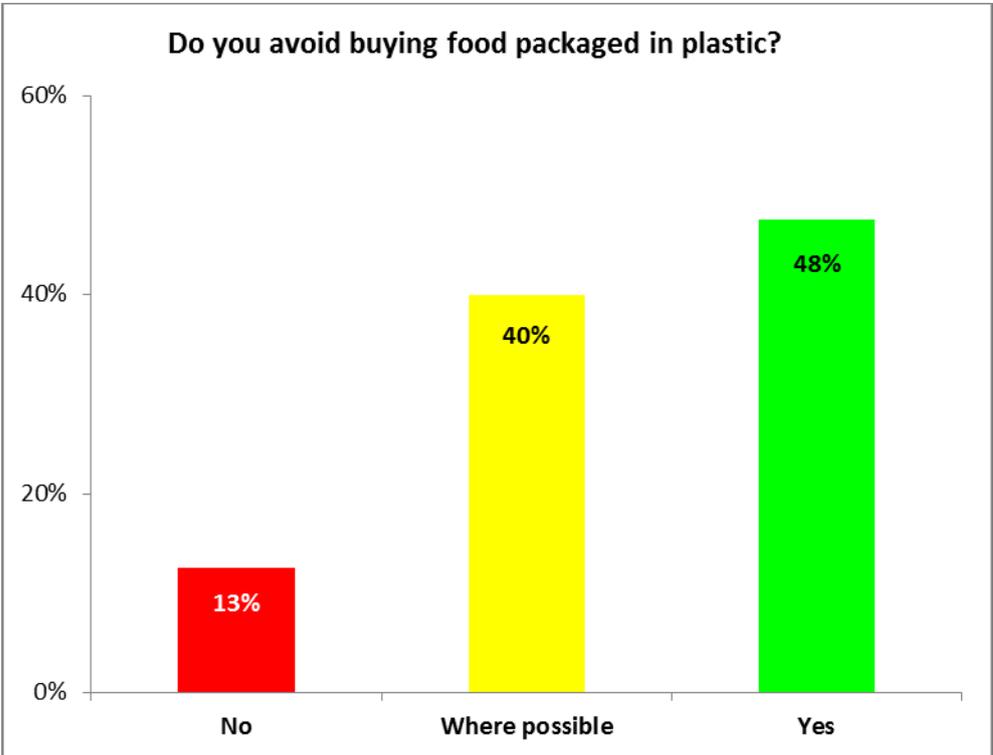
8) Over the last 12 months how many air flights have you taken?

Average – 6.3 flights per year

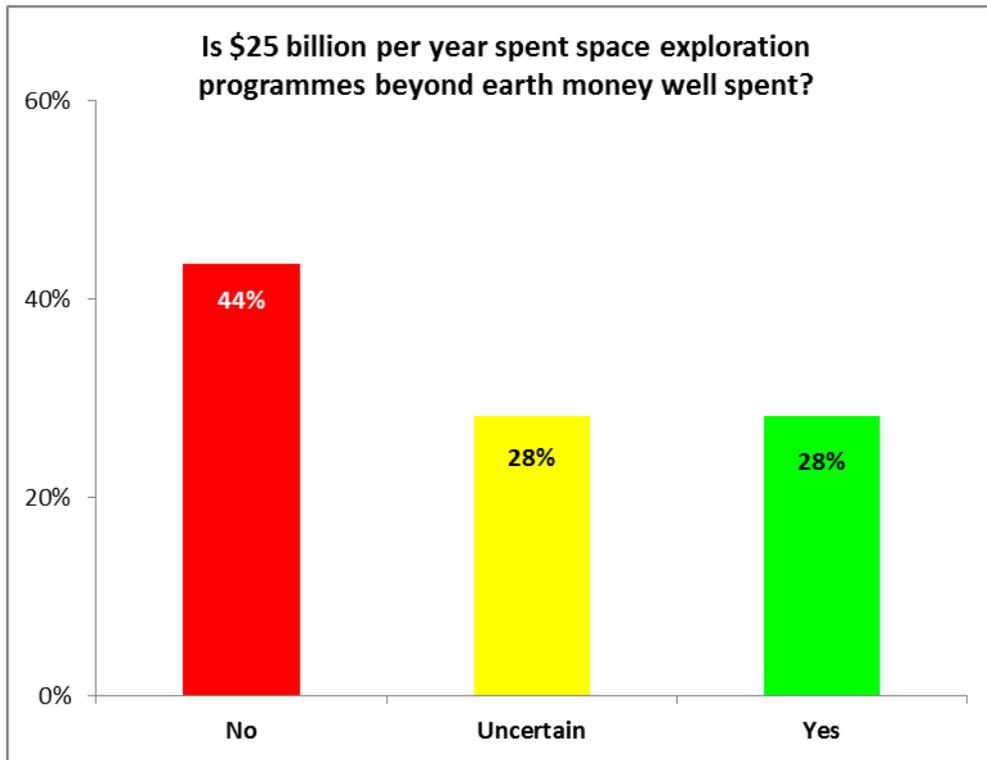
9) Do you know how much power your computer uses?



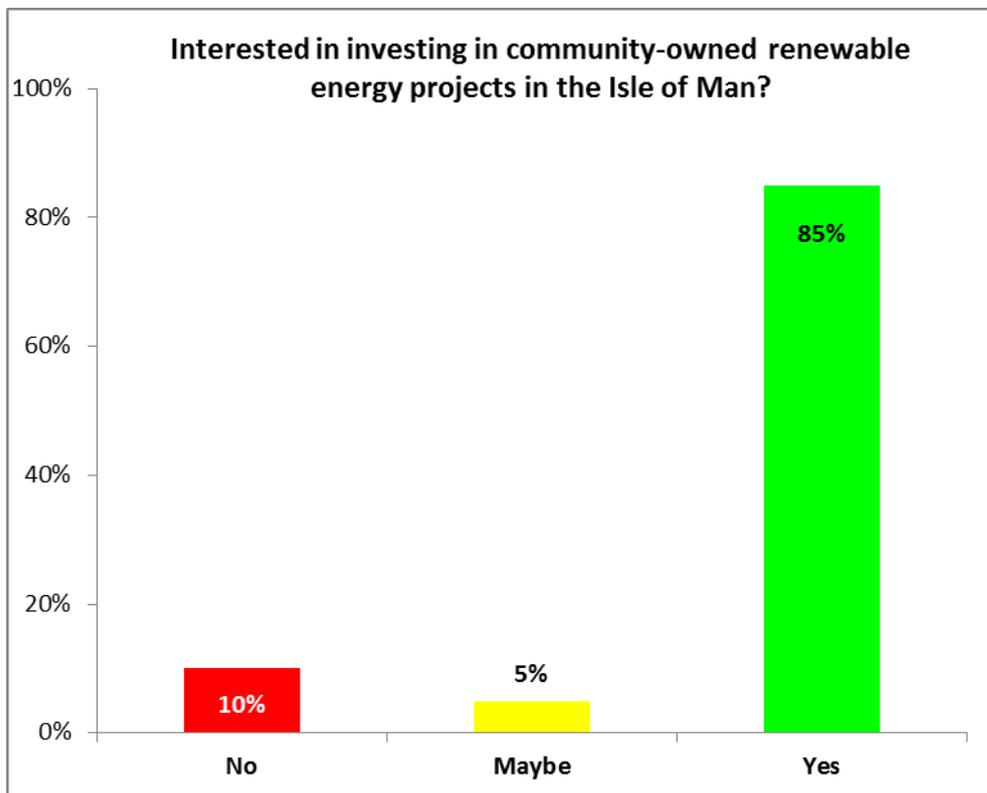
10) Do you avoid buying food packaged in plastic?



11) The world spends more than \$25 billion each year on space exploration programmes, beyond earth. Is this money well spent?



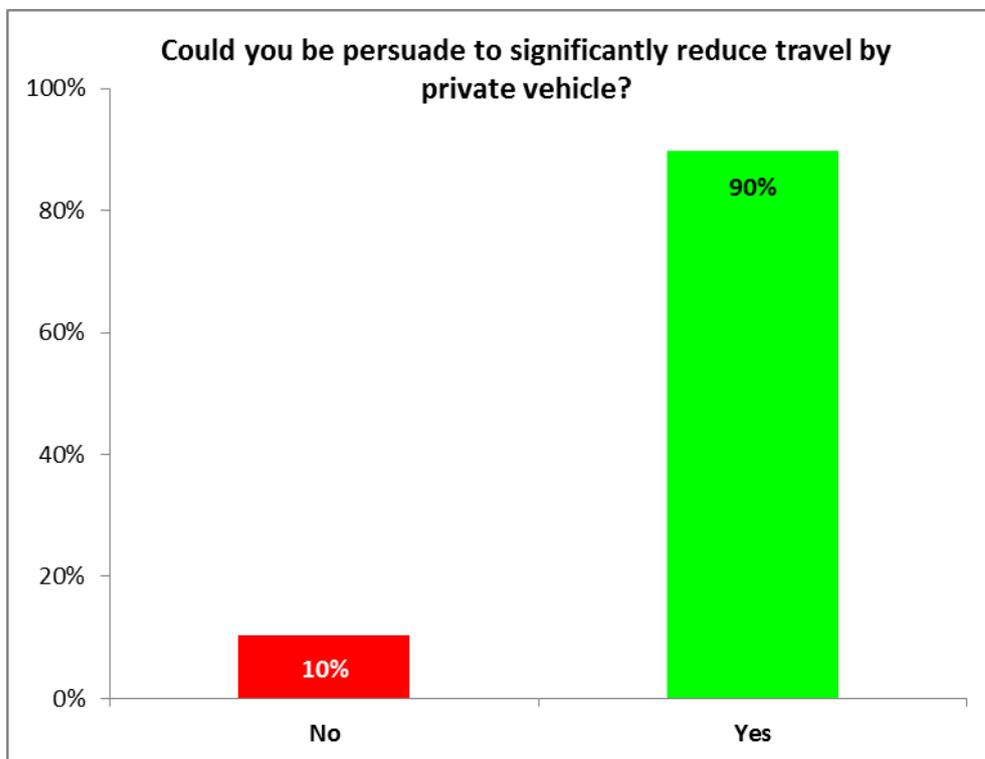
12) Would you be interested in investing your own money in community-owned renewable energy projects in the Isle of Man?



13) Over the last 12 months:

	No	Yes
Did you plant a tree/trees?	34%	66%
Did you pick wild blackberries?	25%	75%
Did you buy anything made of local wool?	68%	33%
Did you offset any of your carbon emissions?	68%	33%
Did you significantly reduce your carbon emissions?	64%	36%
Did you regularly eat local fish?	69%	31%

14) Could you be persuaded to significantly reduce travel by private vehicle and, if so, what would your preferred means of travel be and what would be the best incentive?



Bus / train / tram (free or reduced cost, better coverage & frequency, improved timetable, more modern)

Bike (able to take bike on bus & safer roads / reduced speed)

Walking

Electric bike scheme

Electric car scheme

Electric car charging points

Car sharing

Flexible working

No incentive needed