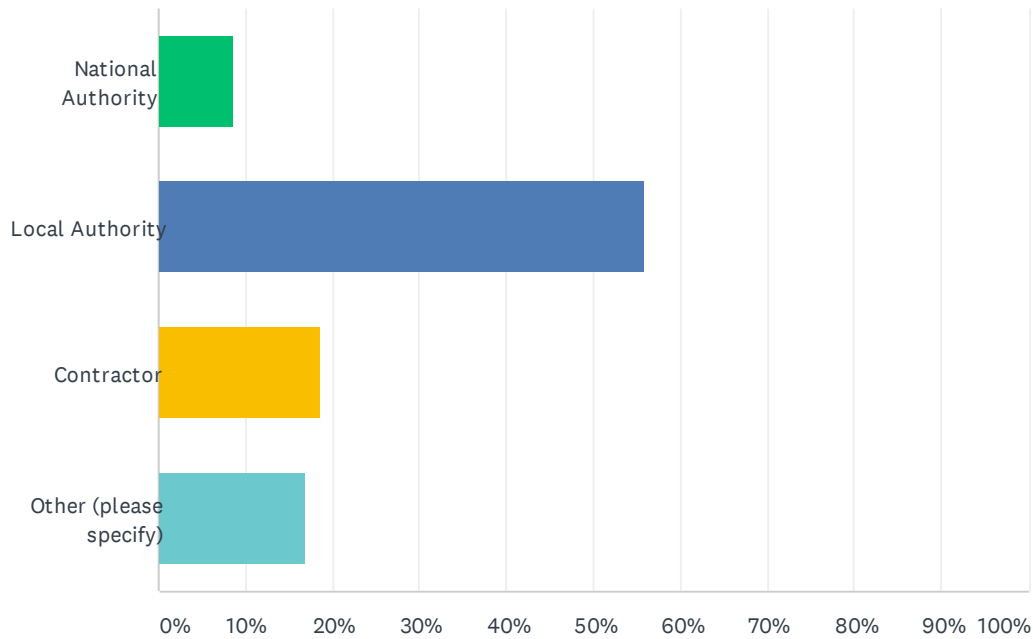


Q1 Are you a national or local Authority / Contractor / Other (please specify)?

Answered: 59 Skipped: 0

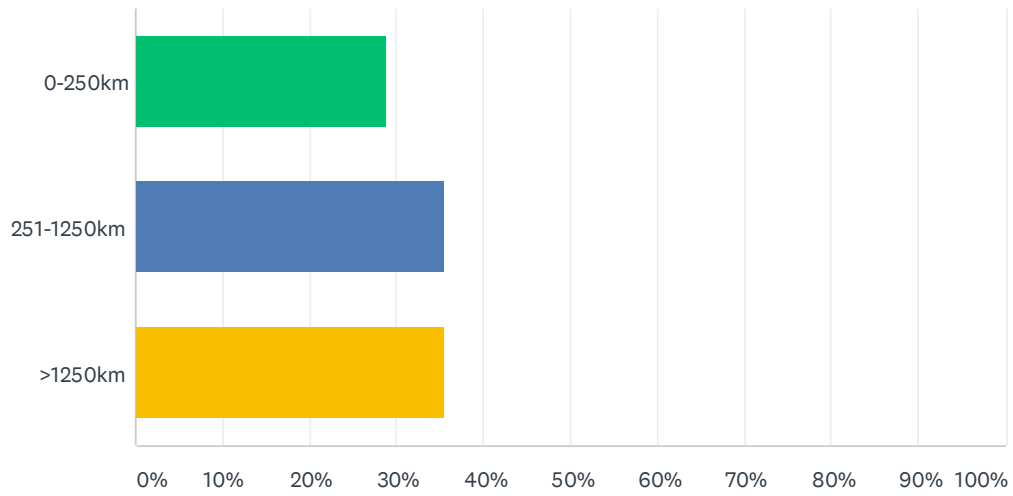


ANSWER CHOICES	RESPONSES
National Authority	8.47% 5
Local Authority	55.93% 33
Contractor	18.64% 11
Other (please specify)	16.95% 10
TOTAL	59

#	OTHER (PLEASE SPECIFY)	DATE
1	Manufacturer	7/11/2021 7:26 AM
2	Road Weather provider	7/9/2021 7:58 PM
3	Research	7/7/2021 4:34 PM
4	Machine Seller	7/6/2021 5:05 PM
5	Data insights company	7/6/2021 2:40 PM
6	Trainer/Assessor	6/17/2021 9:18 PM
7	Manufacturer of road weather systems and associated sensors	6/16/2021 2:04 PM
8	Manufacturer of Winter Equipment	6/16/2021 1:57 PM
9	Supplier to the industry	6/16/2021 1:34 PM
10	X	6/16/2021 12:41 PM

Q2 What length of your treated network (in km) do you carry out winter services on?

Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
0-250km	28.81%	17
251-1250km	35.59%	21
>1250km	35.59%	21
TOTAL		59

Q3 How many routes do you treat?

Answered: 59 Skipped: 0

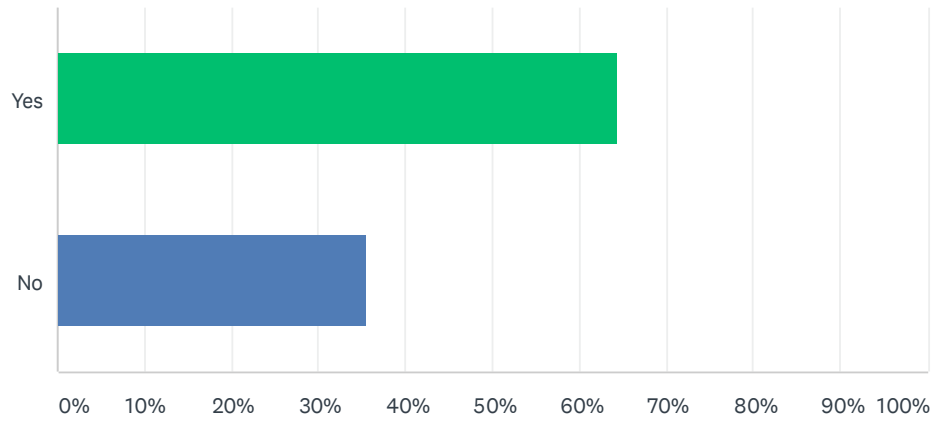
#	RESPONSES	DATE
1	10	7/15/2021 5:49 PM
2	7	7/13/2021 9:24 AM
3	10	7/12/2021 2:42 PM
4	8	7/12/2021 2:31 PM
5	0	7/11/2021 7:26 AM
6	360	7/11/2021 12:37 AM
7	We do all of the US, Europe and China every 15 minutes at 1KM scale today	7/9/2021 7:58 PM
8	We have circa 50 teams covering sites where local authorities don't have reach or responsibility	7/8/2021 6:56 AM
9	0	7/7/2021 4:34 PM
10	35	7/6/2021 10:03 PM
11	12	7/6/2021 5:05 PM
12	0	7/6/2021 2:40 PM
13	34	7/6/2021 11:04 AM
14	20	7/6/2021 10:57 AM
15	4	7/6/2021 9:15 AM
16	1	7/4/2021 7:44 AM
17	23	7/2/2021 7:48 PM
18	1	7/2/2021 6:09 AM
19	22	7/1/2021 7:58 PM
20	6	7/1/2021 4:09 PM
21	7	7/1/2021 2:11 PM
22	12	6/29/2021 3:02 PM
23	57	6/29/2021 11:06 AM
24	40	6/29/2021 9:33 AM
25	17	6/28/2021 9:07 AM
26	12	6/28/2021 7:39 AM
27	60	6/27/2021 11:42 PM
28	4	6/25/2021 11:28 AM
29	12	6/25/2021 10:37 AM
30	6	6/24/2021 8:29 PM
31	14 priority routes	6/24/2021 8:23 PM
32	8	6/22/2021 1:27 PM

NWSRG Survey

33	370	6/20/2021 12:53 PM
34	9	6/19/2021 10:53 PM
35	26	6/19/2021 1:23 PM
36	7 +7 snow routes when and if required	6/19/2021 11:07 AM
37	8	6/18/2021 11:28 PM
38	1	6/18/2021 2:00 PM
39	21	6/18/2021 9:09 AM
40	30	6/18/2021 9:08 AM
41	0	6/17/2021 9:18 PM
42	6	6/17/2021 4:51 PM
43	31	6/17/2021 4:40 PM
44	110	6/17/2021 3:11 PM
45	107	6/17/2021 12:51 PM
46	49 P1/P2	6/17/2021 10:18 AM
47	45	6/17/2021 9:07 AM
48	5	6/16/2021 7:46 PM
49	37	6/16/2021 3:53 PM
50	The entire network	6/16/2021 3:46 PM
51	19	6/16/2021 3:32 PM
52	none	6/16/2021 3:15 PM
53	12	6/16/2021 2:09 PM
54	Nil	6/16/2021 2:04 PM
55	n/a	6/16/2021 1:57 PM
56	22	6/16/2021 1:37 PM
57	0	6/16/2021 1:34 PM
58	43	6/16/2021 1:23 PM
59	1	6/16/2021 12:41 PM

Q4 Have you experienced or communicated with the NWSRG?

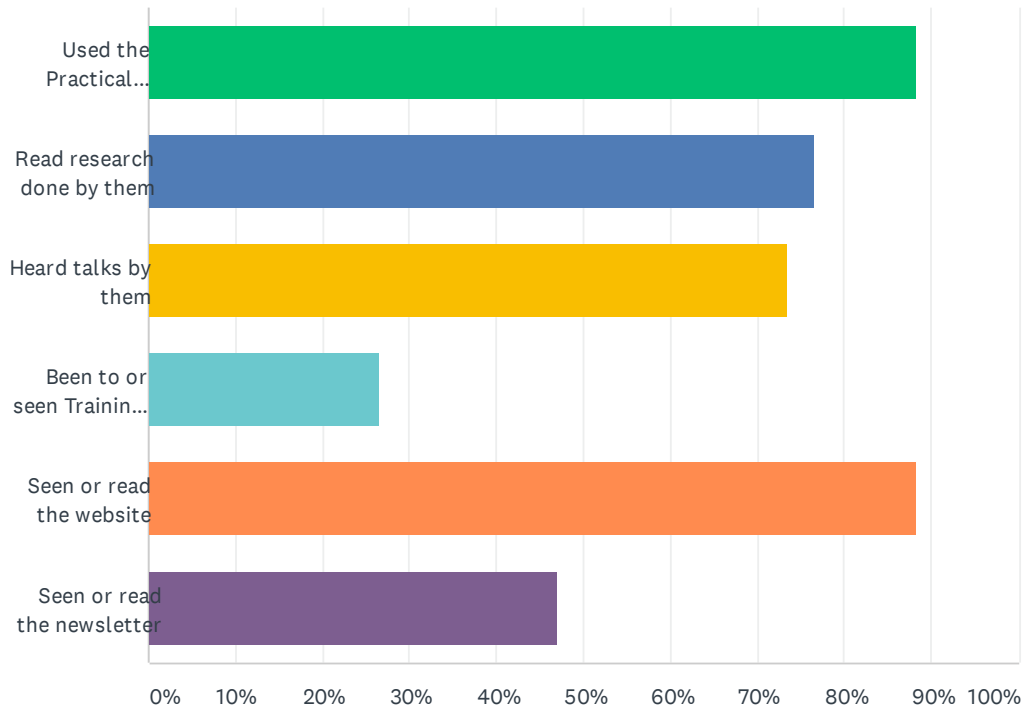
Answered: 59 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	64.41%	38
No	35.59%	21
TOTAL		59

Q5 What has your interaction been with NWSRG? (Answer all that apply)

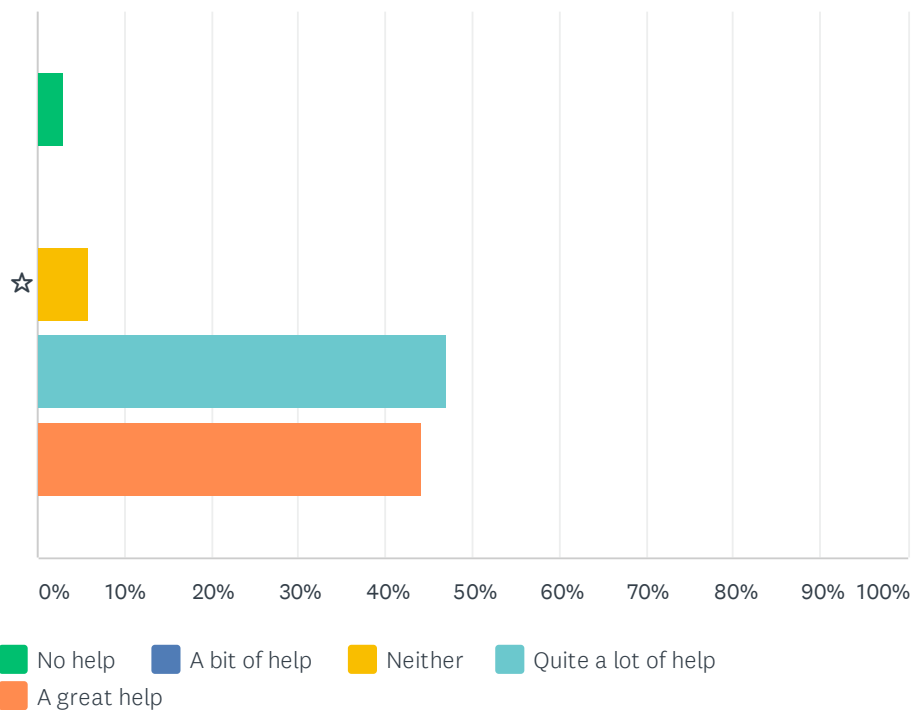
Answered: 34 Skipped: 25



ANSWER CHOICES	RESPONSES	
Used the Practical Guidance Documents for Winter Services	88.24%	30
Read research done by them	76.47%	26
Heard talks by them	73.53%	25
Been to or seen Training offered by them	26.47%	9
Seen or read the website	88.24%	30
Seen or read the newsletter	47.06%	16
Total Respondents: 34		

Q6 How useful has this been?

Answered: 34 Skipped: 25



	NO HELP	A BIT OF HELP	NEITHER	QUITE A LOT OF HELP	A GREAT HELP	TOTAL	WEIGHTED AVERAGE
☆	2.94%	0.00%	5.88%	47.06%	44.12%	34	4.29
	1	0	2	16	15		

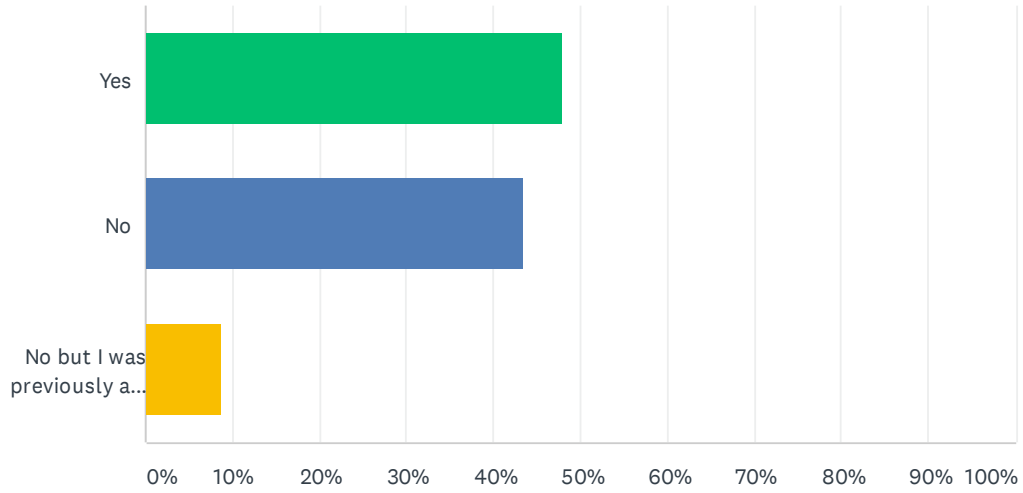
#	PLEASE COMMENT BELOW AS TO WHY YOU SCORED THIS WAY, THANK YOU.	DATE
1	New to the post, I'm aware from predecessor of levels of interaction with the authority.	7/12/2021 3:18 PM
2	Interacting with group and website very useful	7/8/2021 7:00 AM
3	guidance was clearer than old Appendix H	7/6/2021 4:20 PM
4	Useful for planning winter services	7/4/2021 7:46 AM
5	Allways Practical but based on sound facts	7/1/2021 8:00 PM
6	Yes very helpful	6/29/2021 3:05 PM
7	The organisation is a great help in enabling review of our current winter policy in accordance with national thinking / guidance, and provides a platform for sharing of information.	6/29/2021 9:39 AM
8	Easy to follow guidance has been the biggest help	6/25/2021 11:30 AM
9	Very good and I have gained a lot of knowledge from the website	6/25/2021 10:42 AM
10	Assisted in Winter maintenance decisions for the authority and undertaking self assesments.and	6/22/2021 1:29 PM
11	Quite a lot of help guidance documents very good	6/19/2021 11:10 AM
12	because its about right ...	6/17/2021 4:42 PM
13	I find being involved with the NWSRG very useful for a wide variety of reasons	6/17/2021 12:56 PM
14	The guidance notes have been written in an easy way to understand	6/17/2021 10:22 AM

NWSRG Survey

15	Guidance documents clear, comprehensive and easy to understand	6/17/2021 9:10 AM
16	Practical Guidance documents have been very helpful in directing service	6/16/2021 4:19 PM
17	A good forum for sharing ideas	6/16/2021 3:57 PM
18	Already a member of the NWSRG	6/16/2021 3:51 PM
19	invaluable in providing practical guidance	6/16/2021 3:19 PM
20	n/a	6/16/2021 1:59 PM

Q7 Are you an NWSRG Member?

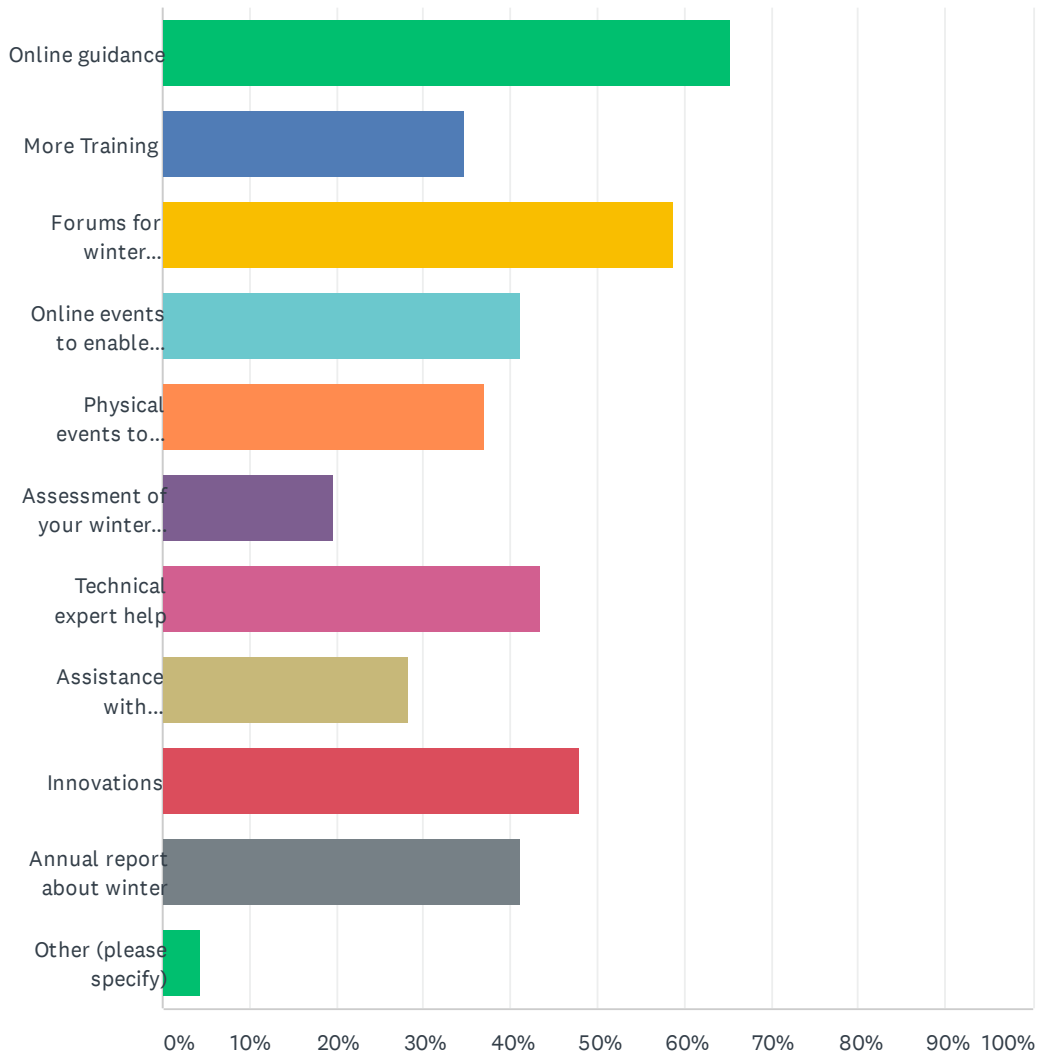
Answered: 46 Skipped: 13



ANSWER CHOICES	RESPONSES	
Yes	47.83%	22
No	43.48%	20
No but I was previously a member	8.70%	4
TOTAL		46

Q9 What else could NWSRG offer you? (Answer all that apply)

Answered: 46 Skipped: 13

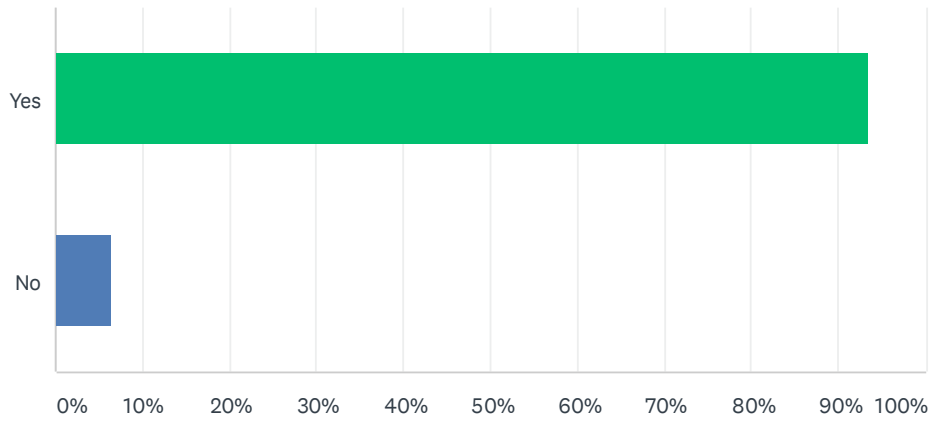


NWSRG Survey

ANSWER CHOICES		RESPONSES
Online guidance		65.22% 30
More Training		34.78% 16
Forums for winter discussions		58.70% 27
Online events to enable learning and networking		41.30% 19
Physical events to enable learning and networking		36.96% 17
Assessment of your winter service and guidance for your organisation		19.57% 9
Technical expert help		43.48% 20
Assistance with sustainability e.g. carbon calculations		28.26% 13
Innovations		47.83% 22
Annual report about winter		41.30% 19
Other (please specify)		4.35% 2
Total Respondents: 46		
#	OTHER (PLEASE SPECIFY)	DATE
1		7/12/2021 3:18 PM
2	N/A	7/1/2021 4:10 PM

Q10 Do you think the NWSRG should carry out more trials and research?

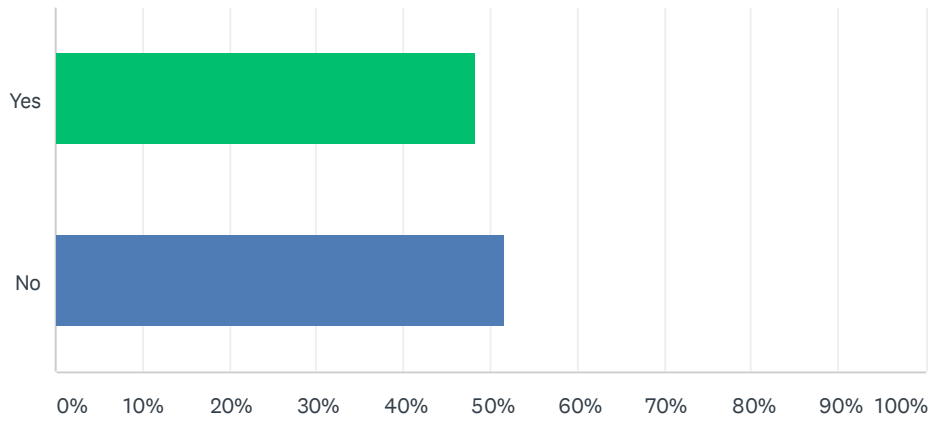
Answered: 46 Skipped: 13



ANSWER CHOICES	RESPONSES	
Yes	93.48%	43
No	6.52%	3
TOTAL		46

Q11 If yes to above would your organisation be willing to help/fund a trial?

Answered: 29 Skipped: 30



ANSWER CHOICES	RESPONSES	
Yes	48.28%	14
No	51.72%	15
TOTAL		29

Q12 What winter issue would be most valuable to you that NWSRG could help you with?

Answered: 28 Skipped: 31

#	RESPONSES	DATE
1	Route optimisation	7/15/2021 5:51 PM
2	Residual road salt research	7/13/2021 9:29 AM
3	New to post, keen to speak to someone at NWSRG.	7/12/2021 3:20 PM
4	Better training and understanding for drivers on how to set up their machine and ensure they are spreading correctly and efficiently	7/11/2021 7:32 AM
5	validation and use of vehicle data	7/9/2021 8:00 PM
6	The treatments of carparks and very light traffic areas including footways etc	7/8/2021 9:02 PM
7	Marginal night scenarios	7/8/2021 7:03 AM
8	how to deal with residual salt	7/6/2021 4:32 PM
9	Policy and timing of applications on the network	7/6/2021 11:00 AM
10	Technical	7/4/2021 7:47 AM
11	probability forecasting	7/1/2021 8:03 PM
12	Specific route sensors and forecasting? Currently we have 2 weather stations and call out is for all 7 routes. Reliable sensors for each route could save resources.	7/1/2021 2:18 PM
13	Cycleway treatment	6/29/2021 3:07 PM
14	Possibly improve training offered or endorse training that proves competency?	6/29/2021 11:15 AM
15	Salt usage	6/25/2021 10:43 AM
16	Looking forward, Carbon reduction is going to be a big talking point, so considering options available to reduce carbon.	6/22/2021 1:32 PM
17	Residual salt on carriageway	6/19/2021 11:20 AM
18	Route optimisation	6/18/2021 9:09 AM
19	Improved weather forecasting	6/17/2021 3:15 PM
20	Residual / longevity of salt application	6/17/2021 12:59 PM
21	create a forum for plan administrators to share best practice	6/17/2021 10:31 AM
22	More detailed documented guidance on the use of residual salt	6/17/2021 9:11 AM
23	Residual Salt. Other ways of collecting data other than weather stations. Decision making improvements	6/16/2021 4:20 PM
24	Treatment of cycleways	6/16/2021 4:17 PM
25	Optimum pre-cautionary treatments for the UK maritime climate and ensuring best practice is worldwide best practice and not just the UK research.	6/16/2021 3:58 PM
26	use of mobile data and technology to improve service via forecasting and understanding the network better	6/16/2021 3:24 PM
27	Residual salt issues.	6/16/2021 2:46 PM
28	Understanding available data	6/16/2021 1:36 PM

Q13 Does anybody else offer something that you feel NWSRG should?

Answered: 24 Skipped: 35

#	RESPONSES	DATE
1	No	7/13/2021 9:29 AM
2	practioner engagement, how many operators and supervisors know abs understand the work the NWSRG do, and it's benefits	7/11/2021 7:32 AM
3	not sure	7/9/2021 8:00 PM
4	Unsure	7/8/2021 7:03 AM
5	Future Research Highway Club offer peer reviews, so that we can assess our performance across a number of themes and with our peer LA's	7/6/2021 4:32 PM
6	no	7/6/2021 11:00 AM
7	No	7/4/2021 7:47 AM
8	no	7/1/2021 8:03 PM
9	Don't know	7/1/2021 2:18 PM
10	APSE?	6/29/2021 11:15 AM
11	No	6/29/2021 9:42 AM
12	No	6/25/2021 10:43 AM
13	Not that I am aware.	6/22/2021 1:32 PM
14	Not sure	6/19/2021 11:20 AM
15	not aware of	6/18/2021 9:09 AM
16	Vaisala offers regular events and webinars	6/17/2021 3:15 PM
17	Not that I'm aware of	6/17/2021 12:59 PM
18	unsure	6/17/2021 10:31 AM
19	na	6/17/2021 9:11 AM
20	ANWA	6/16/2021 4:17 PM
21	PIARC and European Winter Service Sub-Group.	6/16/2021 3:58 PM
22	presentations on current and future development of system aids for winter service	6/16/2021 3:24 PM
23	No	6/16/2021 2:46 PM
24	Yes	6/16/2021 1:36 PM