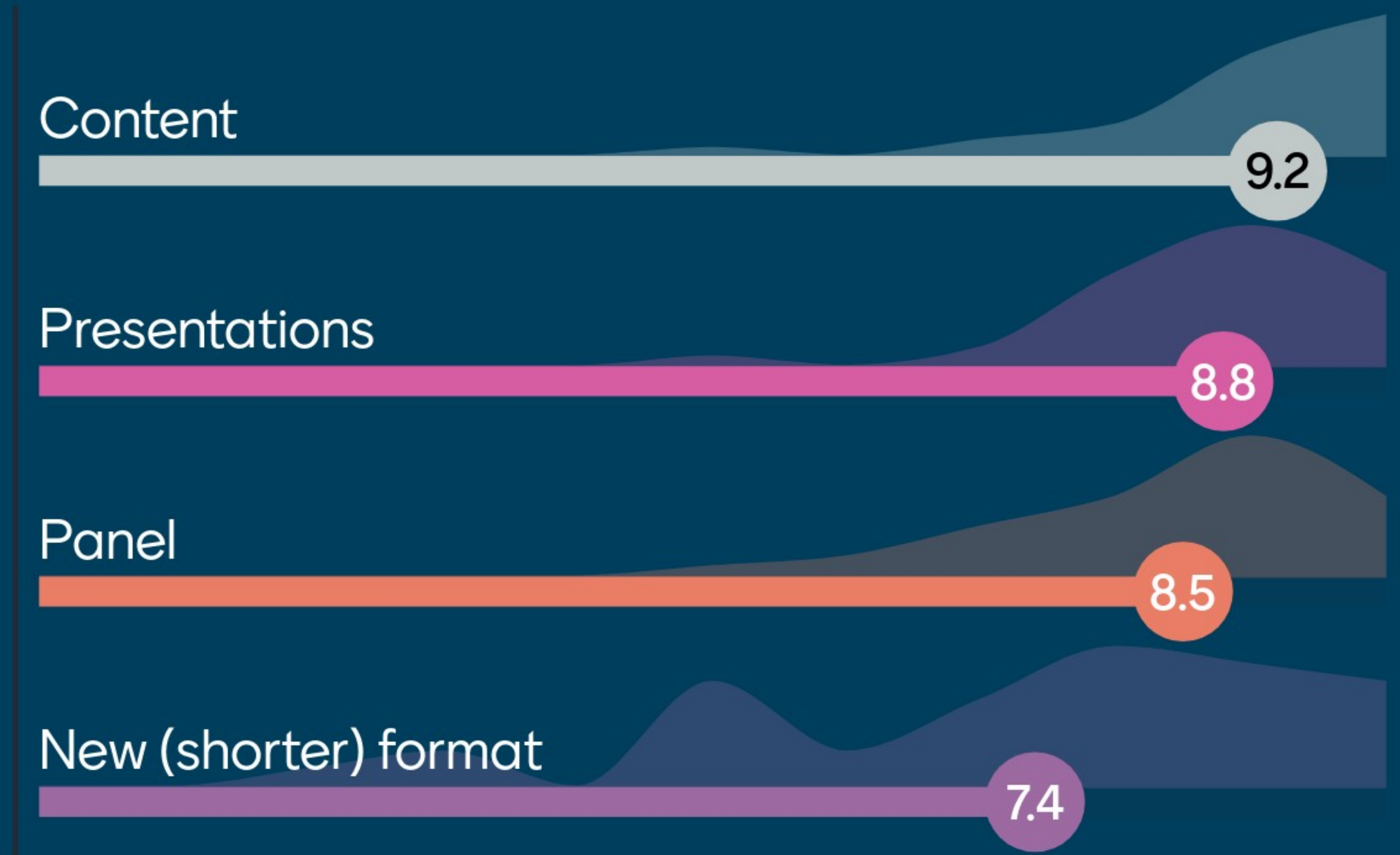


# SIG-NGN - Beyond 100G

13 December 2021



# How would you rate this SIG-NGN meeting?



# What is your take-home message or most useful piece of information from this meeting for your everyday work?

Do not use MPO!

Go with QSFP-DD for 400G :-)

400G is coming, we better prepare for it

need to study

the future is bright for better faster optical networks

OSNR is key!

How people deal with limited OSNR

State of the art of Nrens

ZR-ZR+



# What is your take-home message or most useful piece of information from this meeting for your everyday work?



100G-400G may not be as easy as  
Nx10G-100G

see what people have tested and  
their experience

QSFP-DD is not the same size as  
QSFP-28...

Very useful

400G comes with unique challenges

A surprising number of NRENs are  
moving towards 400G and beyond.  
Exciting times

how to deal with OSNR

Knowing who to talk to when  
considering real 400G+ deployment

Carefull engineering





# What is your take-home message or most useful piece of information from this meeting for your everyday work?



Time to look at 800G

OSNR is important for >100G transmission

400 Gbps is coming

Low Tx power and high OSNR required

make a slightly longer

Low-cost CPE devices for end-sites.

800G deployments

Quantum

Non-IP Services



# What is your take-home message or most useful piece of information from this meeting for your everyday work?

800G deployments

800G deployments

any trans-NRENs (really long range)  
400G+ experience



# Any future topics you want to discuss?



400G Router Platforms

Spectrum connection service

Other possible options, for example  
25G, 50G

seismology on optical transmission  
systems

400G monitoring, telemetry

You can also email [ngn-sc@lists.geant.org](mailto:ngn-sc@lists.geant.org) with suggestions!

open-source optical tools (simulation,  
management, etc)

IP/MPLS vendor software quality

real-world Raman experiences



# Any future topics you want to discuss?



open source tools

satelit communication





# Do you have other comments or suggestions?



Short format is great.

the shorter session is better when doing this virtually

Better coffee

Perfect time format

More time for presentations

I like the short format, it is faster-paced and more dense information.

pity the presentations were so rushed  
More time would be better

This short format is convenient for on-line meetings

allow a bit more than 90 minutes ?



# Do you have other comments or suggestions?



looking forward to seeing everybody  
in person!

Some presentations felt too  
condensed

Short is ideal for VCs...

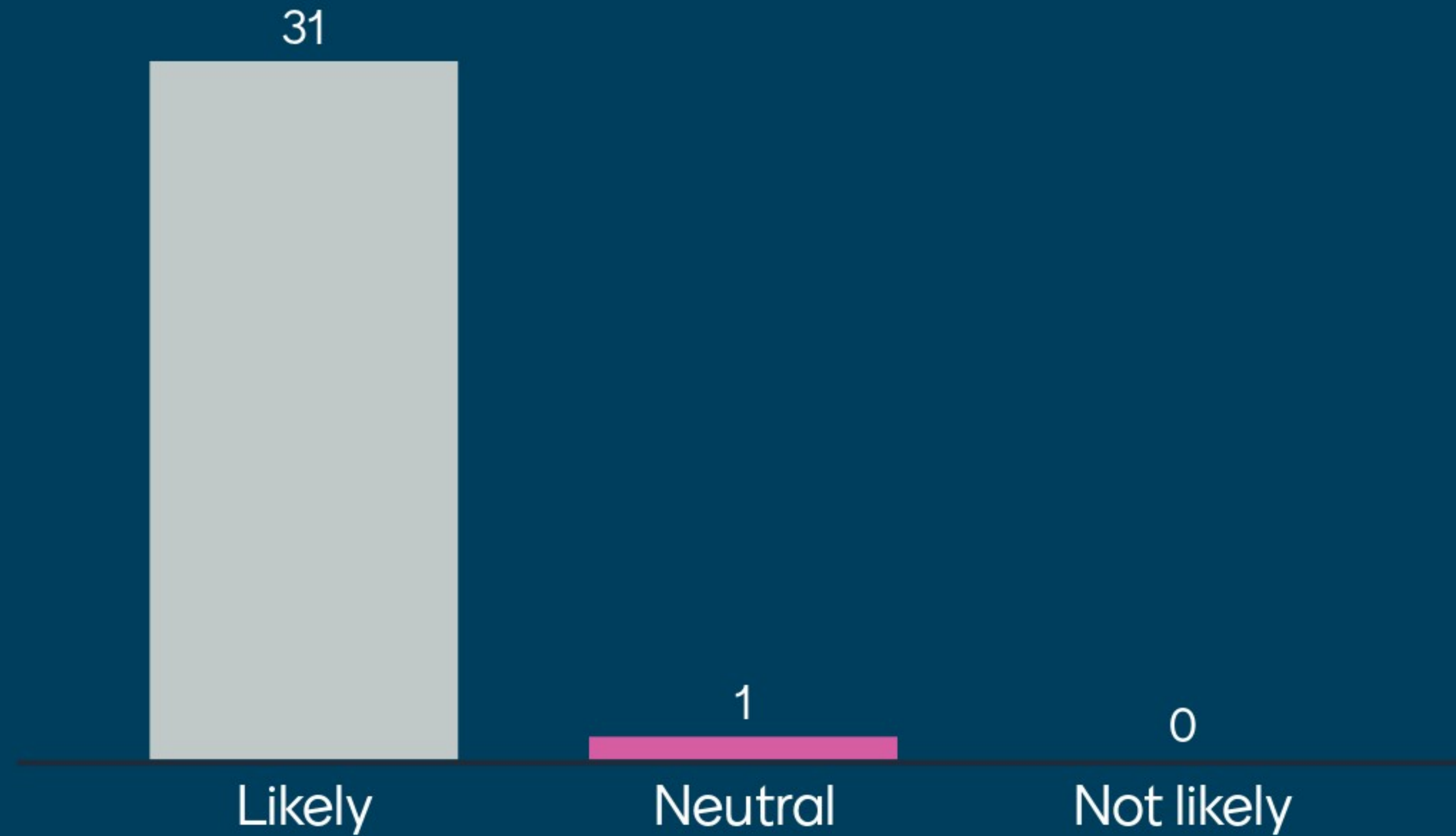
May try to have some time for  
questions after each presentation.

slightly longer presentations





# How likely are you to come back to the next meeting?



**Thank you!**

See you soon again!

