What is the current status and what challenges exist in the safety validation of automation technology?

08 - 08 Sep 2020

Poll results

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Where are you (your organisation) based?

Ireland

Spain Sweden

France Germany US

Finland Belgium

Germany/ US

Worldwide UK Netherlands

Germany (Bavaria) Austria

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What are you hoping to learn or take away from today's webinar?

0 3 4

(1/3)

- New inspirations, insights in the industry, getting to know important players
- Validation in general and related to regulation and standards
- How can roaduser safety be assured when more and more vehicle system updates are done over the air?
- Understanding current challenges and how the public side can support solution development focussing on the secondary road network
- New ideas for validation

- More perspectives on safety testing
- getting priotization of topics for the different stakeholder
- Understand the current availability for testing tools both for OEMs and system components, as well as the industry perception when it comes to pedestrian safety as well
- Interested to hear what SME from around Europe are researching in safety testing of automated vehicles

What are you hoping to learn or take away from today's webinar?

0 3 4

(2/3)

- Learn how to communicate about benefits and restrictions of automation to the public
- Current status and challenges
- Safety and Automation
- Safety Validation Curtrent Status
- Trends and opportunities
- Good understanding of current and future challenges for Safety validation
- insights about puplic initiatives concerning automation technology
- Views on shared control

strategies wrt steering performance.
- State of the tradecraft of AV safety
- Automated freight validation
- What is the current status on safety validation for CAD technologies?
- Information about status for safety validation of CAD
- How we intend to test L3 and above
- What the current situation at self-driving/ADAS systems
- Do's and Don'ts connected

What are you hoping to learn or take away from today's webinar?

034

(3/3)

- to the topic.
- How we can better understand the capabilities and ODD of AVs.
- understand how to solve the remainning challenges for safe connected automated driving
- What is the state of the art in safety validation of automation technology
- status and trends for validation methods and regulations
- Getting updated on close-to-application research projects
- Next steps in safety assurance regulation for pods

- objective, repeatable ADS validation methods
- Value of innovation
- An overview of EU safety assurance activities
- Hear about the challenges

0 6 0

I have experience driving with different vehicles offering Level 2 automation

Yes

55 %

No

45 %

Survey (2/2)

Which global automaker has the best Advanced Driver-Assistance Systems (ADAS) currently available to purchase?

0 4 0

connected
automated
driving.eu

Can't tell you yet...;)

BMW

VW Touareg

Volkswagen

GM

Don't know

emergency or comfort?

I dont know

Audi

Honda

Volvo

Tesla

PSA

Audi, VW

Dunno

I do not know

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Survey (1/2)

Is this safety argumentation (simulation and evidence-based) relevant for your automated driving activity?
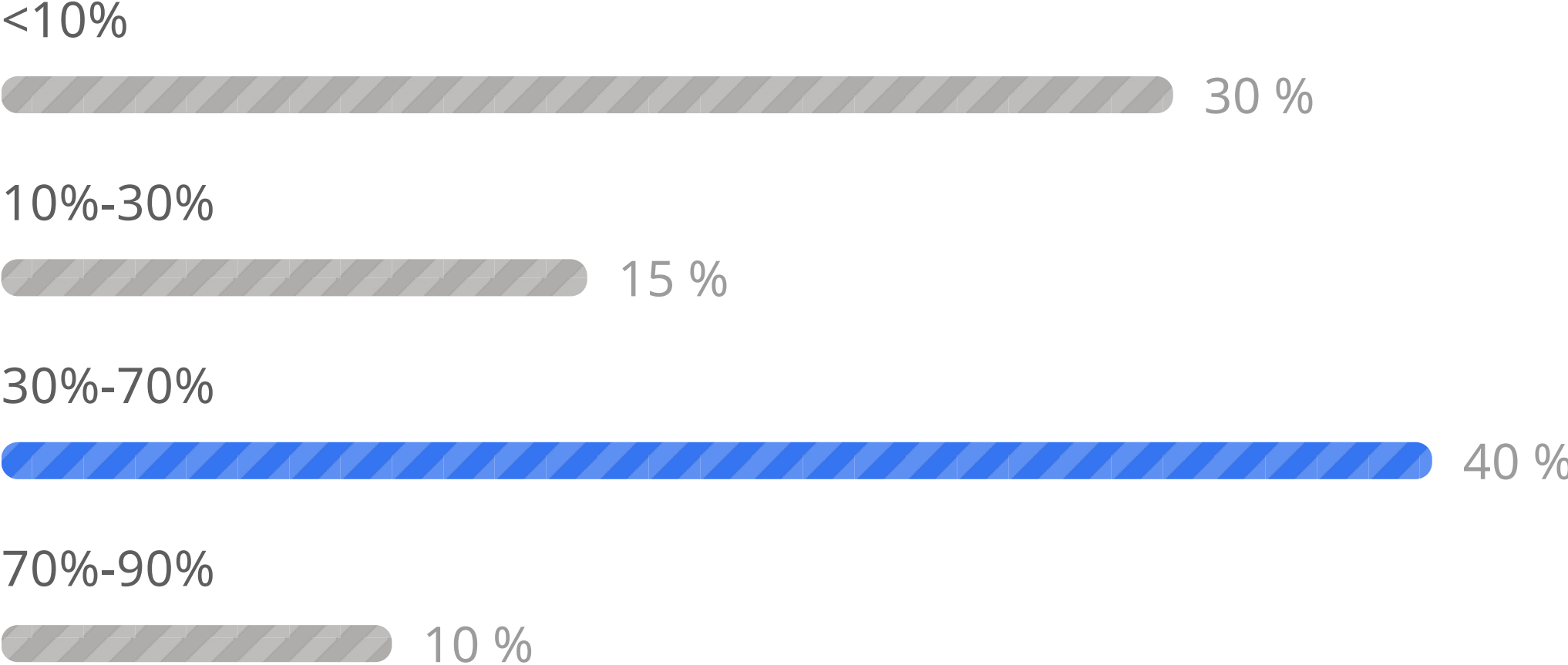
0 2 2

Yes

95 %

No

5 %

Survey (2/2)

Regarding your main current automated driving project: which effort do you approximately spend today on modelling traffic scenarios and/or test scenarios?

(1/2)

0 2 0

<10%

30 %

10%-30%

15 %

30%-70%

40 %

70%-90%

10 %

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Survey (2/2)

Regarding your main current automated driving project: which effort do you approximately spend today on modelling traffic scenarios and/or test scenarios?

(2/2)

>90%

5 %

Survey (1/4)

0 1 9

Who is in your view responsible to ensure that systems on the market are safe?

Vehicle manufacturers

74 %

Governments and legislating bodies

21 %

Other

5 %

Survey (2/4)

If other, please specify

0 0 3

- workshops after repairing?
- all together
- All together

Survey (3/4)

0 2 1

How should the general public today know the performance of the automation they are buying?

(1/2)

Test drive in various weather and light conditions

10 %

Participate in training program

57 %

Read instruction manual

0 %

Try it out incrementally with more complex/risky traffic around them

10 %

It's safe, they'll learn

10 %

Survey (3/4)

0 2 1

How should the general public today know the performance of the automation they are buying?

(2/2)

Other

14 %

Survey (4/4)

If other, please specify

- certification assessment
- Thanks!
- It should be inherit in the design. To rely on e.g. training programs might create a very weak link.
- Standardised score system that explains the performance of the system/product they are purchasing
- Preferably part of an assistance driving license - it can be unsafe depending on your attitude to driving, the system, and so on.