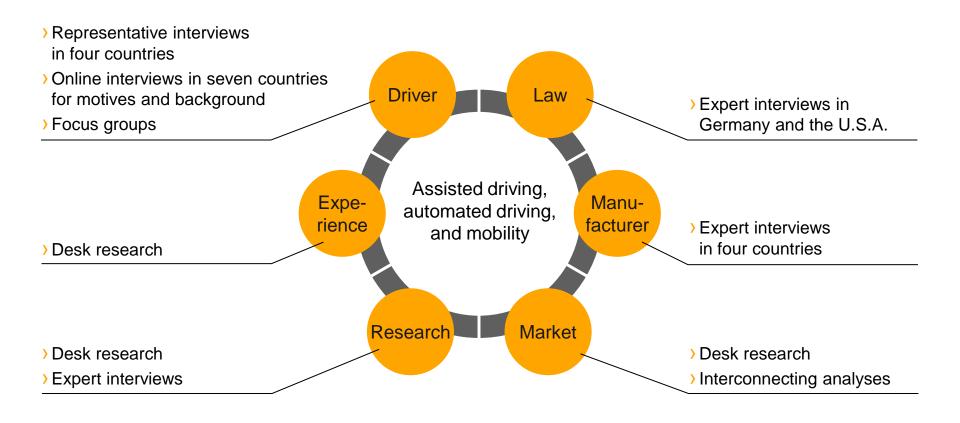


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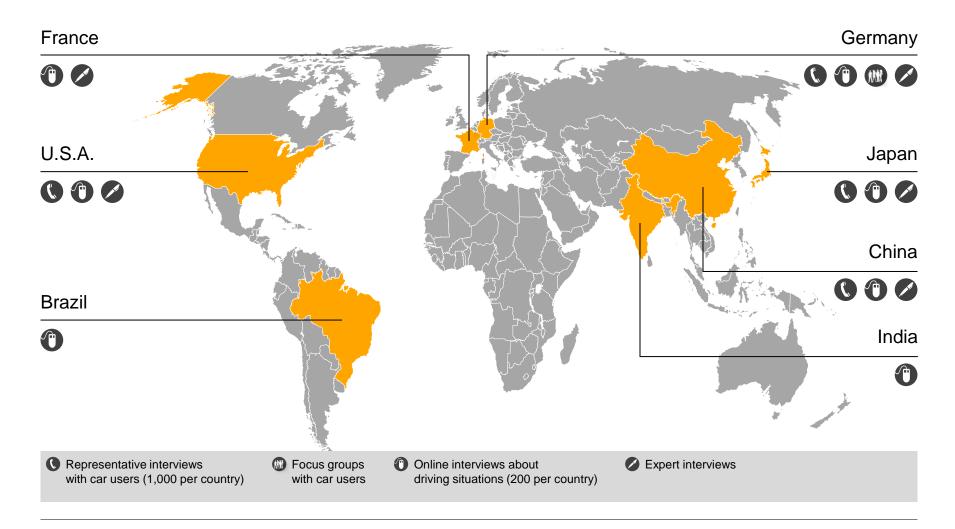
Project modules and methodological approaches





International Perspective and Methodological Modules:

360-degree-approach involving all stakeholders



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Focal topics

- A. Attitudes towards Driving
- B. Advanced Driver Assistance Systems
- C. Automated Driving
- D. Expert's View
- E. Summary



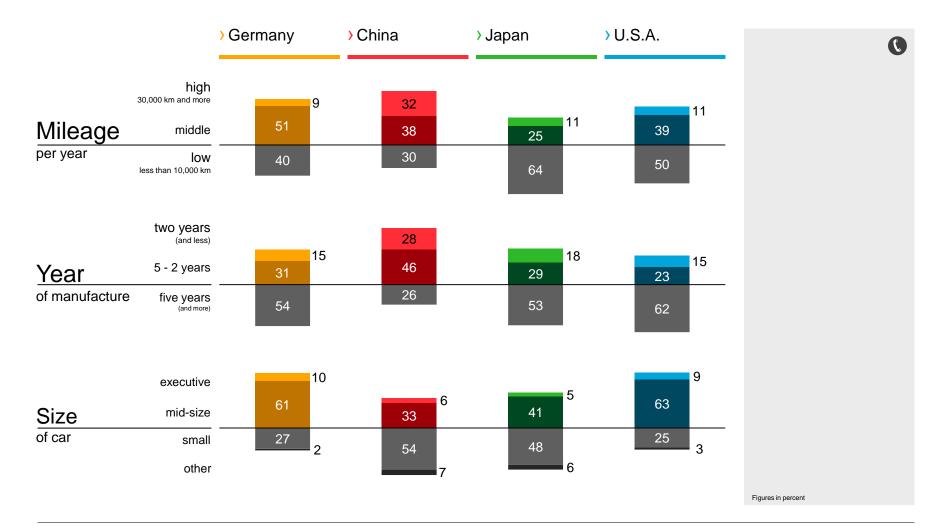
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Attitudes towards Driving



Car Usage per Country:

Different profiles



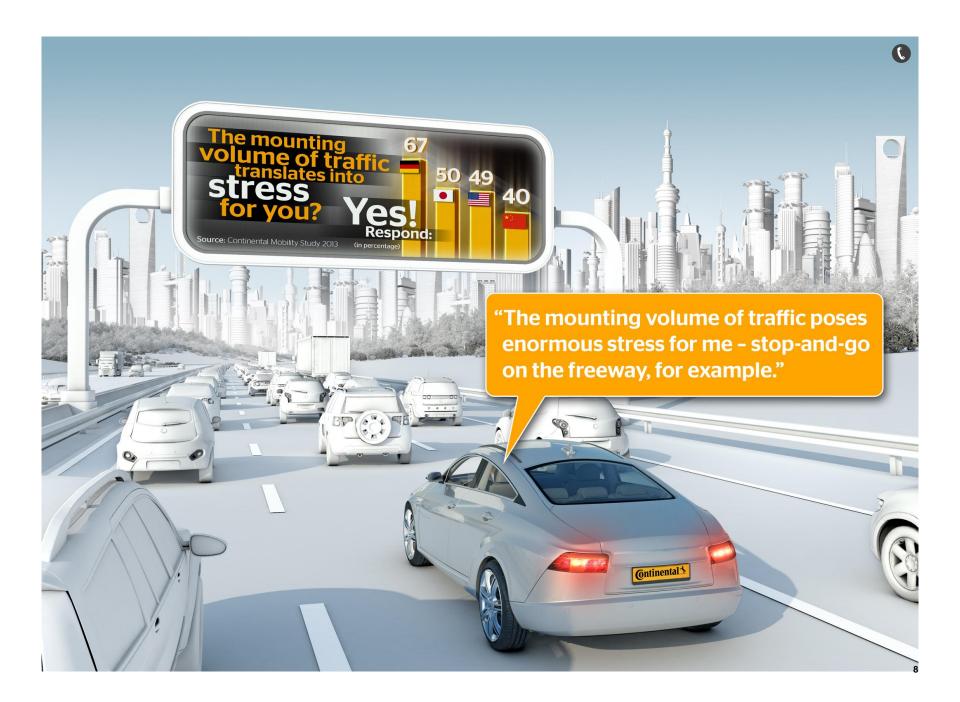


Agreement with Statements About Car Driving:

Boon and bane – Joy and stress

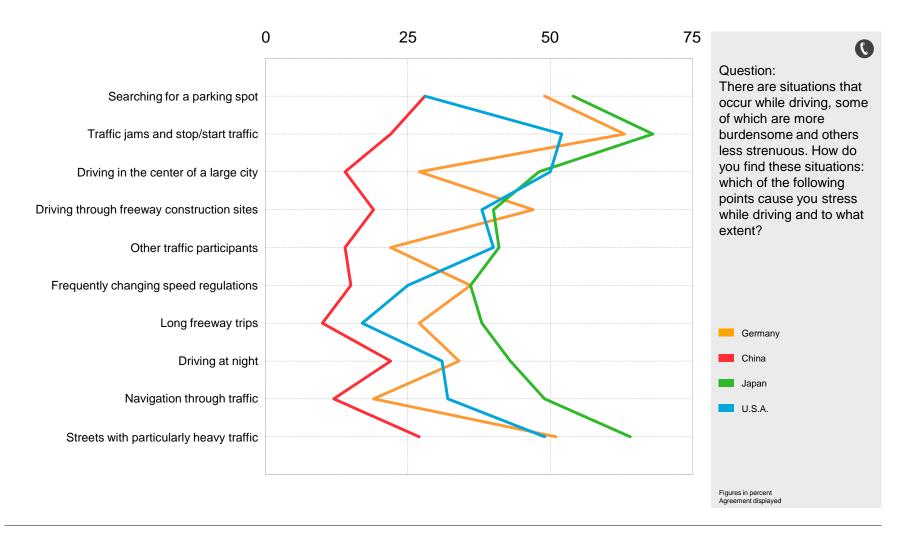






Stress Factors:

Traffic jams at the top

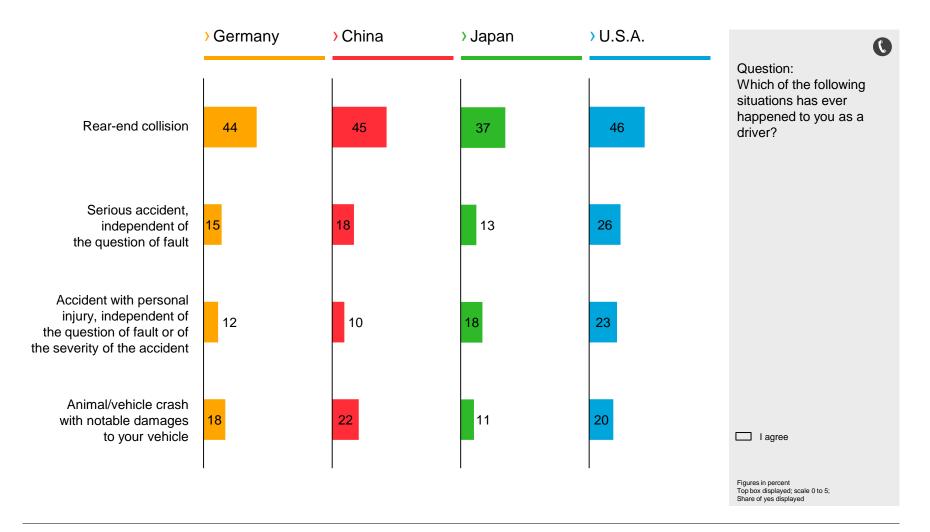






Experiences with Car Accidents:

Rear-end collisions at the top





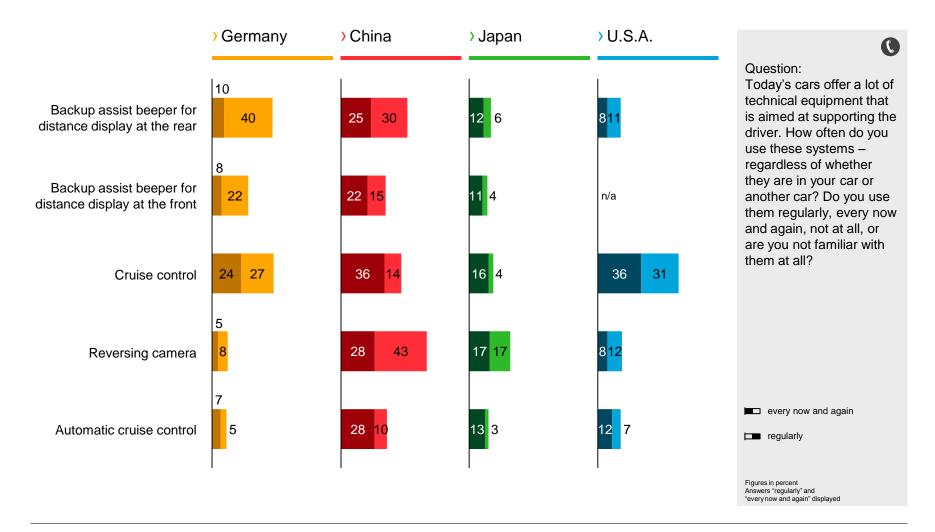
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Advanced Driver Assistance Systems



Comfort-Oriented Advanced Driver Assistance Systems

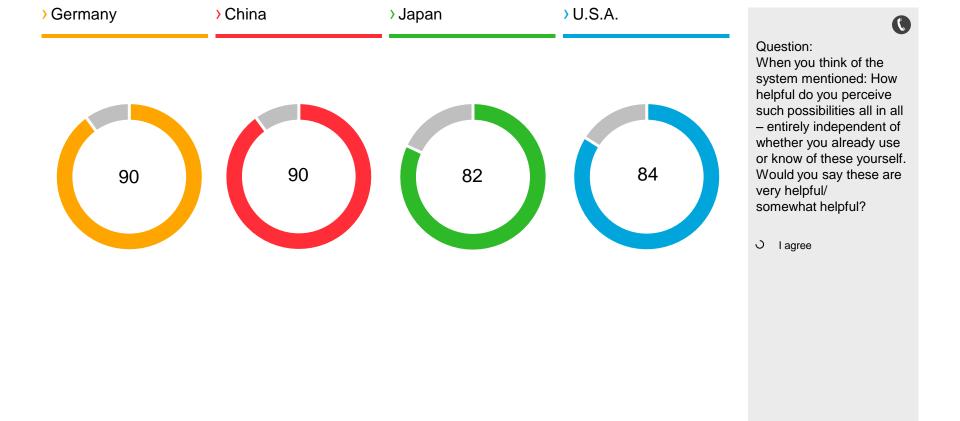
Different usage rates throughout the nations





Comfort-Oriented Advanced Assistance Systems

Considered to be helpful

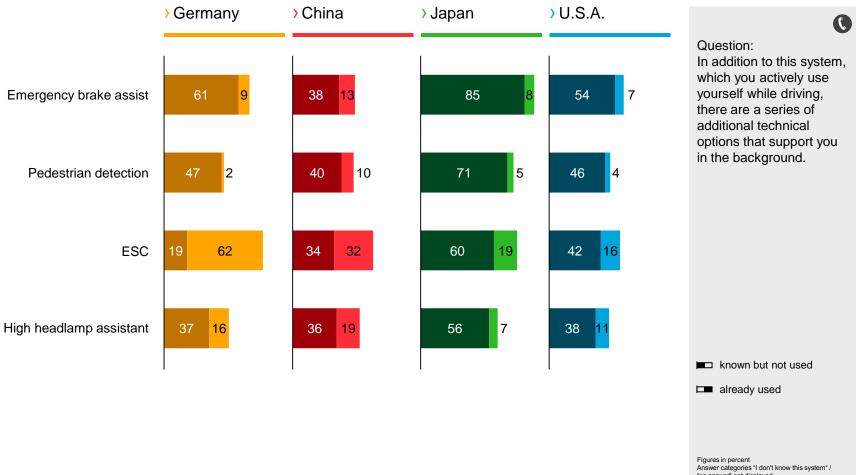


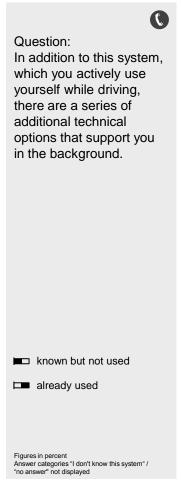


Figures in percent

Safety-Oriented Advanced Driver Assistance Systems

Safety systems rather well known



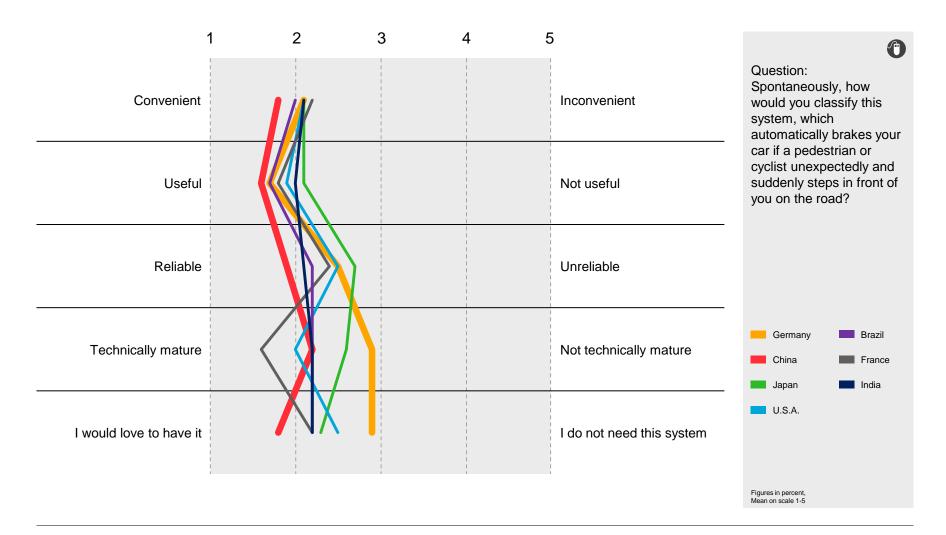






Assessment of Pedestrian Detection System:

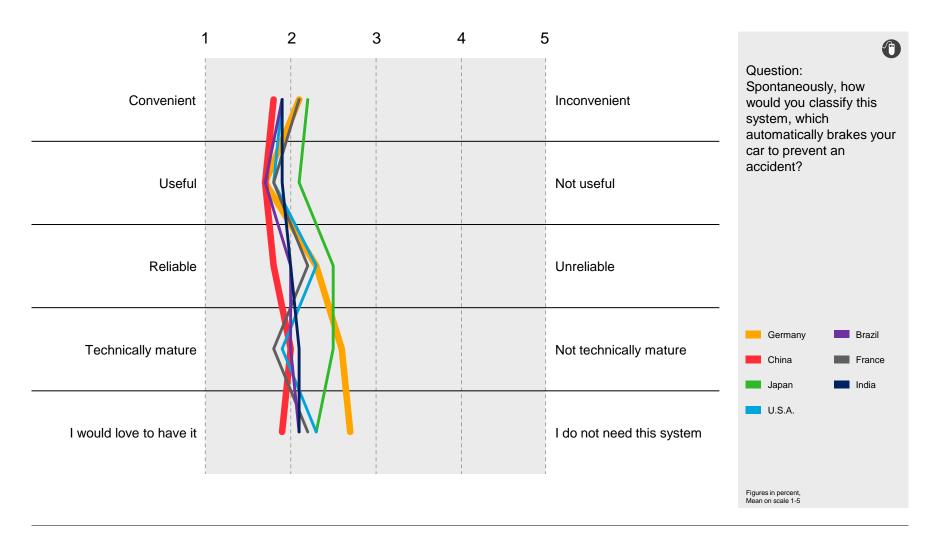
Positive statements





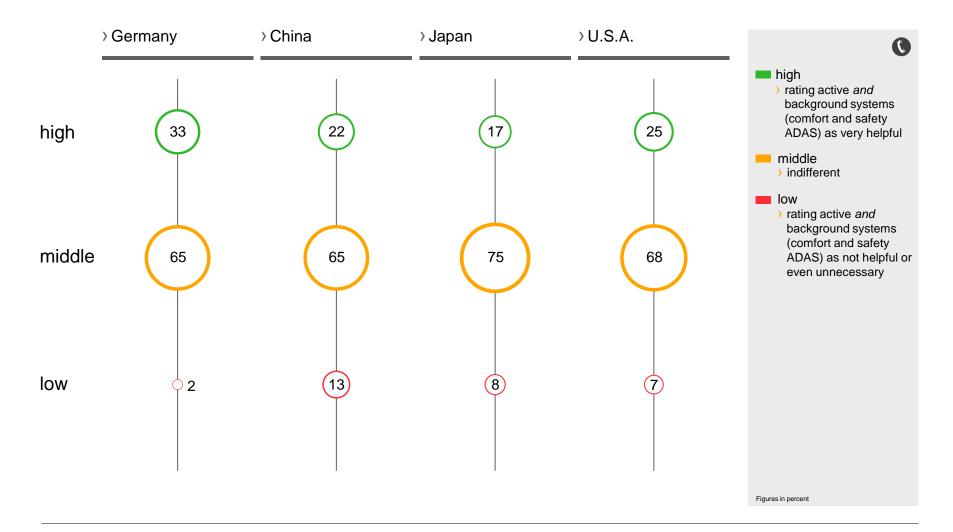
Assessment of Emergency Brake Assist:

Also positive judgment





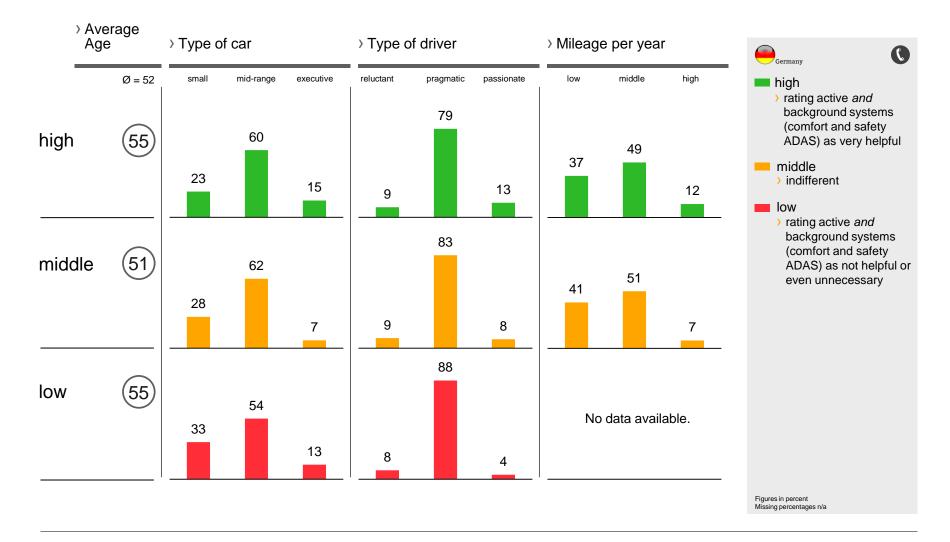
Segmentation: Helpfulness of Advanced Driver Assistance Systems High, middle, low





Segmentation: Helpfulness of Advanced Driver Assistance Systems

Germany - Systems for everyone





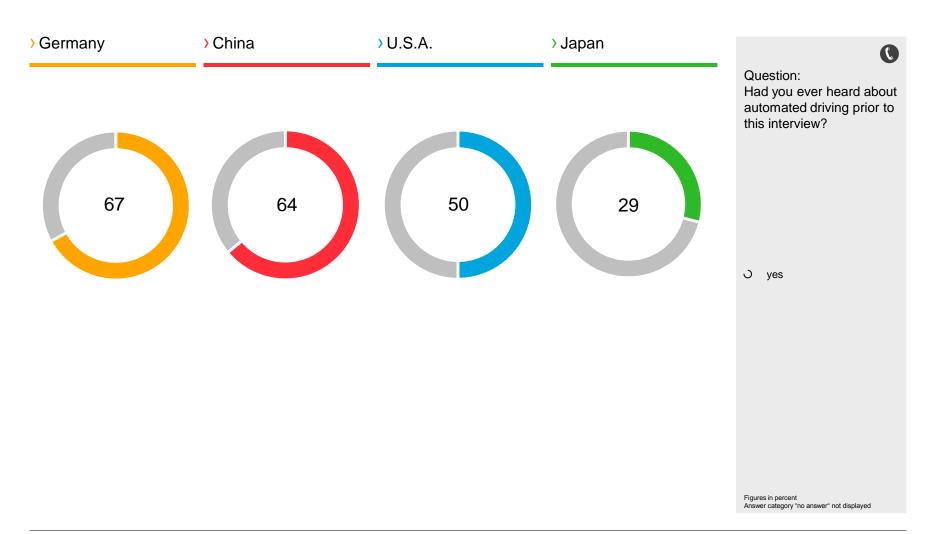
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Automated Driving



Awareness of Automated Driving:

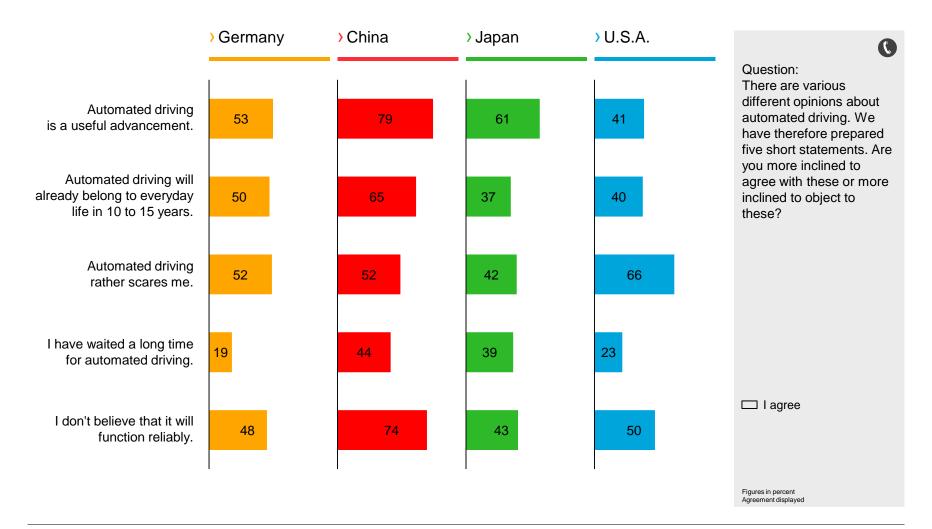
Majority in Germany and China aware of development





Attitudes towards Automated Driving:

Useful but unnerving at the same time

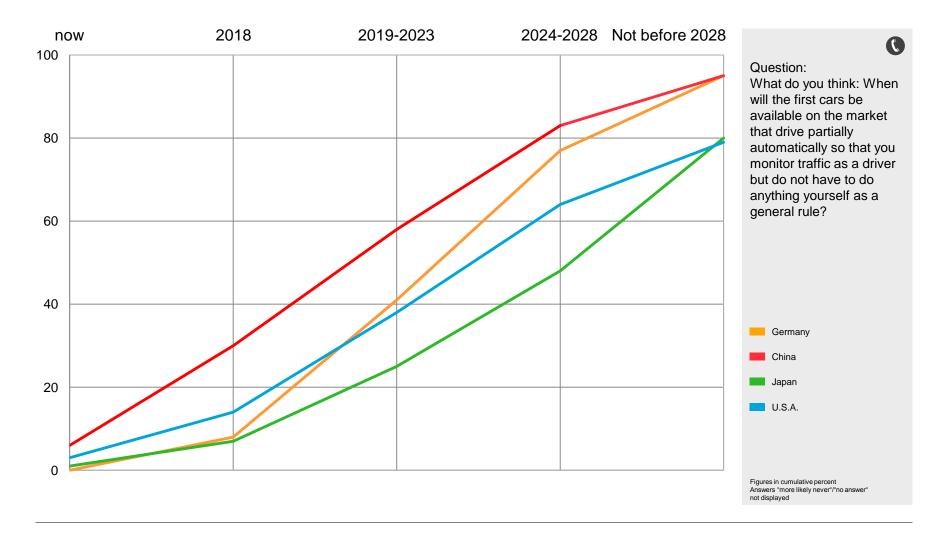






Expectations Towards Availability of Partially Automated Cars:

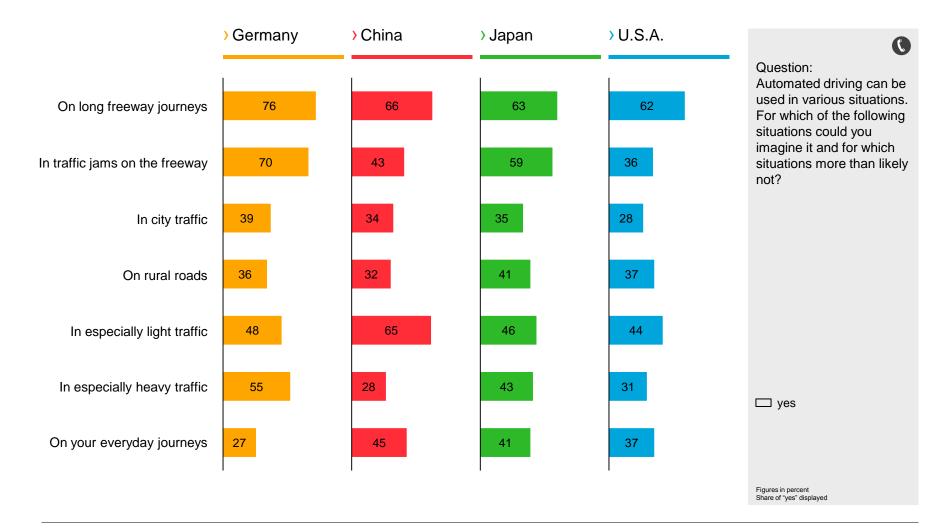
Majority expect partially automated cars within the next 15 years





Appropriate Situations for the Use of Automated Driving:

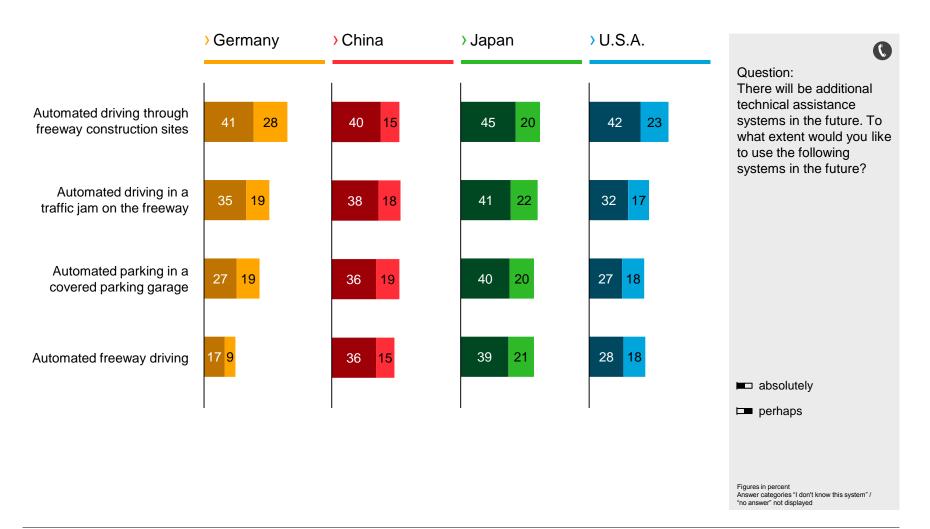
Freeway scenarios preferred





Intention to Use Automated Driving in the Future:

Automation of stressful freeway situations welcome

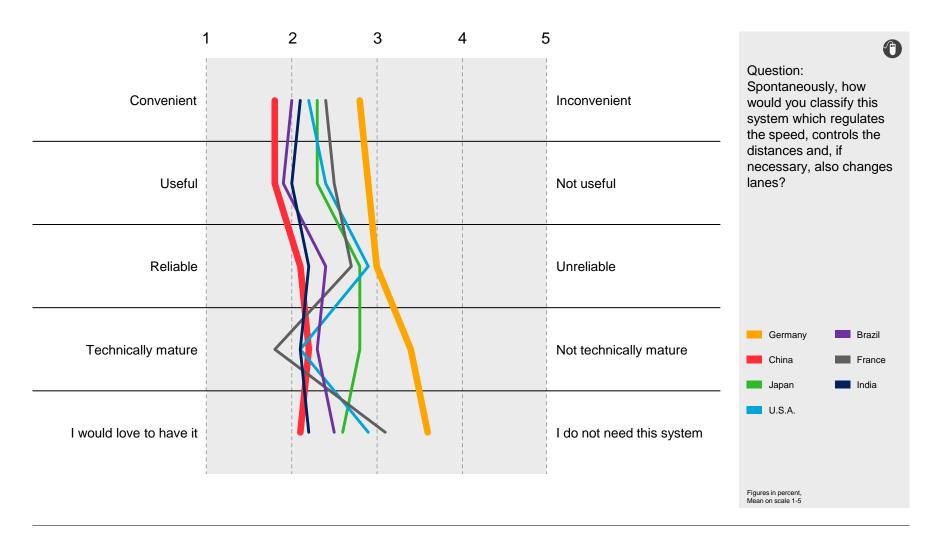






Automated Driving on Freeways:

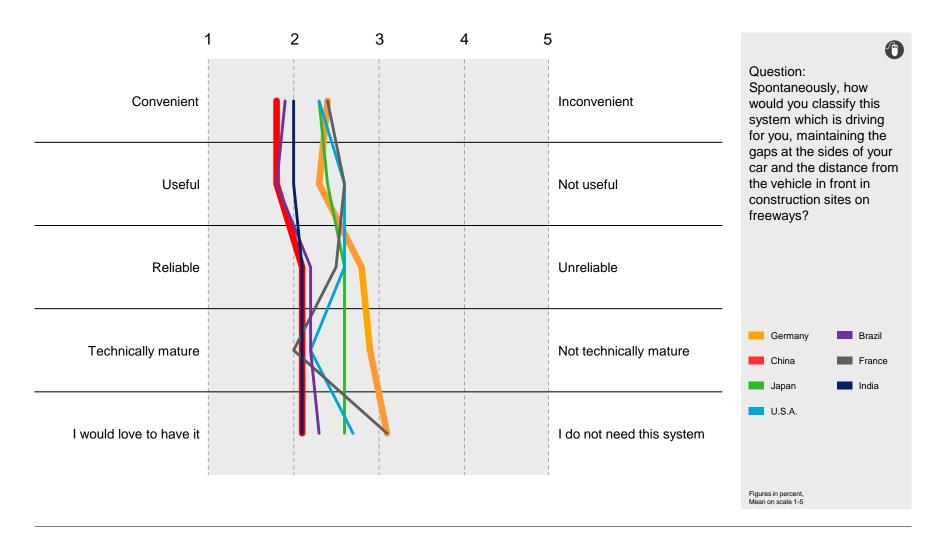
Car drivers in Germany hesitant





Assessment of Automated Driving in Construction Sites:

Convenient and useful

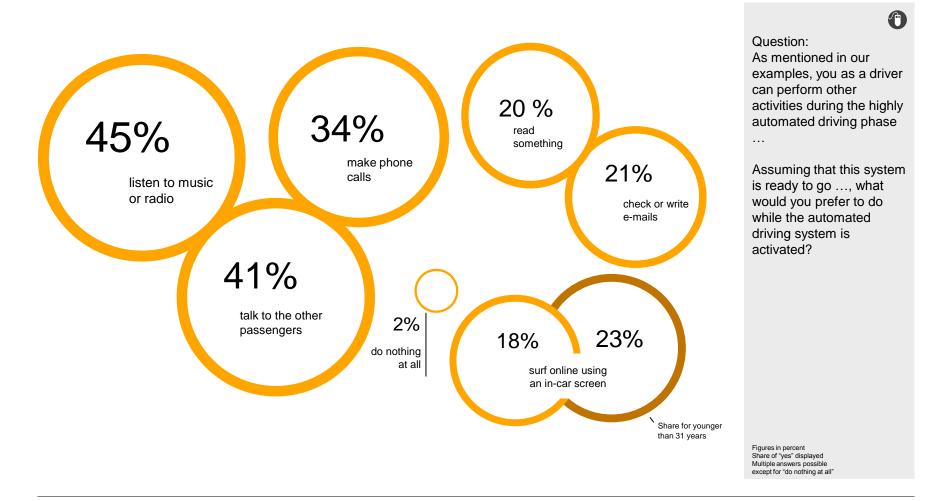






Sitting in a Highly Automated Car:

Preferred alternative activities

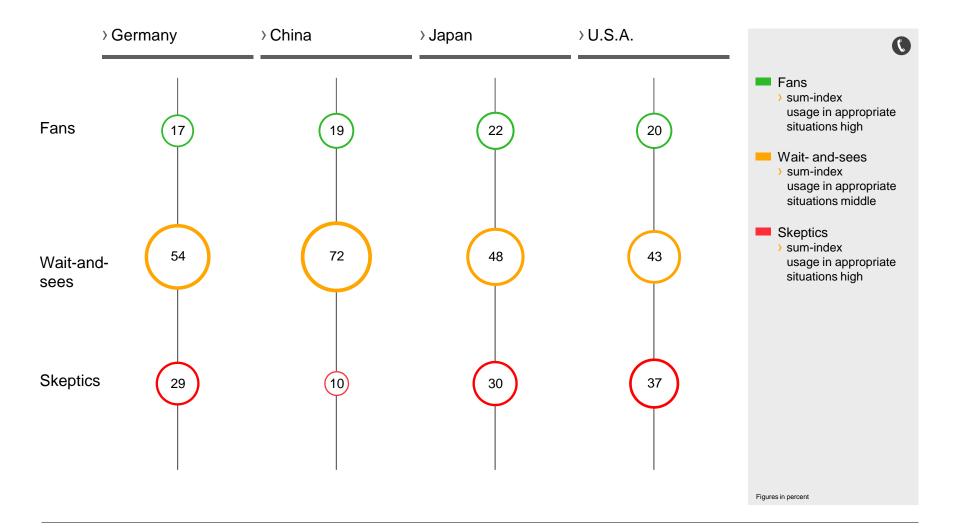


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Segmentation: Acceptance of Automated Driving

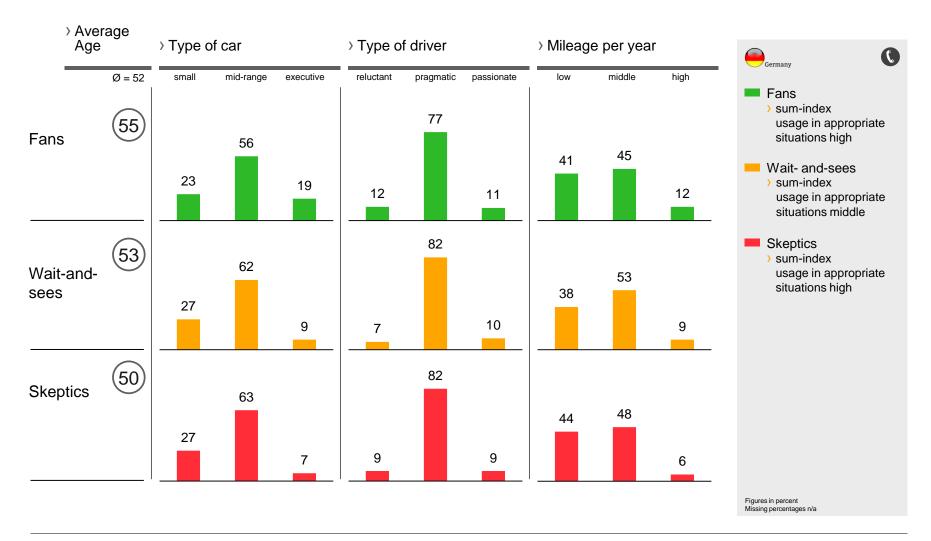
Fans, wait-and-sees, and skeptics





Segment Profiles: Acceptance of Automated Driving

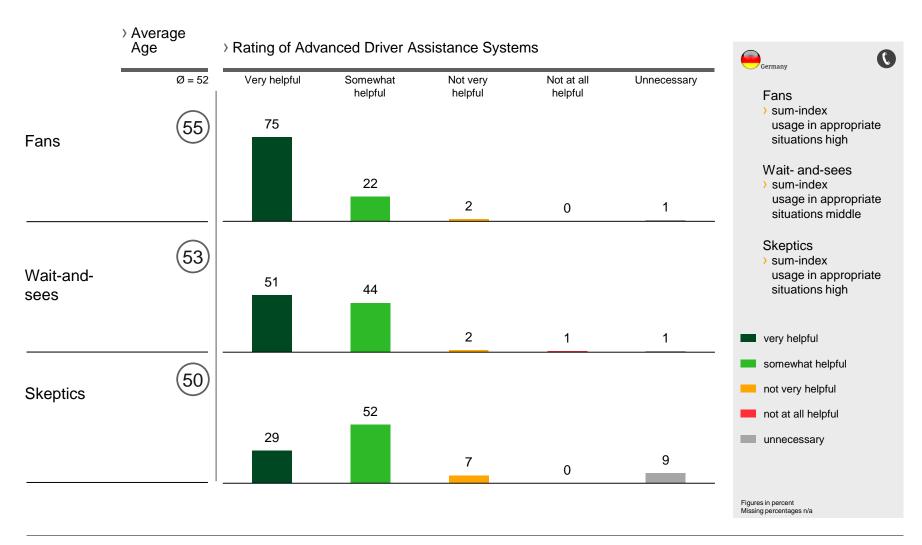
Germany - Systems for everyone





Segment Profiles: Acceptance of Automated Driving

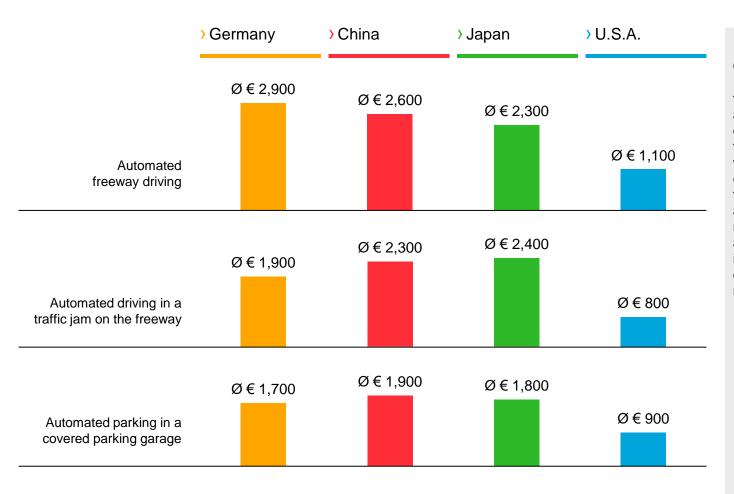
Germany – ADAS has laid the foundations for acceptance of automated driving





Reasonable Price for Automated Driving:

Germans Expect Extra Costs





Independent of your wish to use such a system at all, this is also a question of cost. We would therefore like to know what price you would expect for the following three systems - on the assumption of a single new car purchase. Initially automated driving again in a traffic jam. The car drives by itself and you merely observe traffic.



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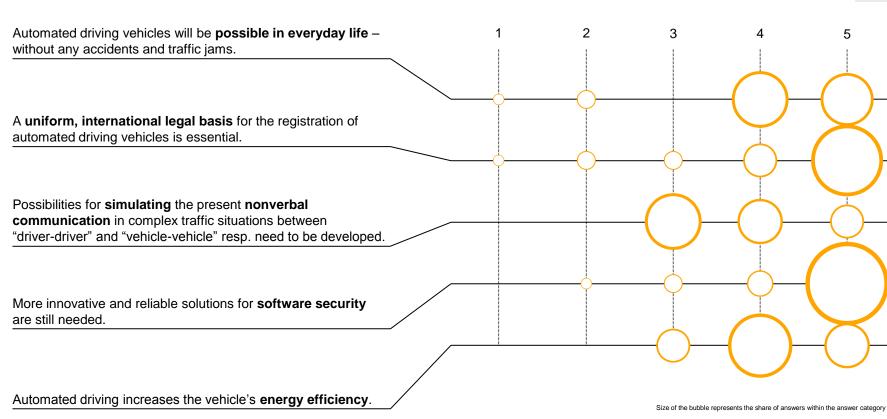
Expert's View



Expert Insights into Prerequisites and Technology:

Confidence in technology







Expert Insights into Awareness and Car Drivers:

Freedom of decision as prerequisite for market success



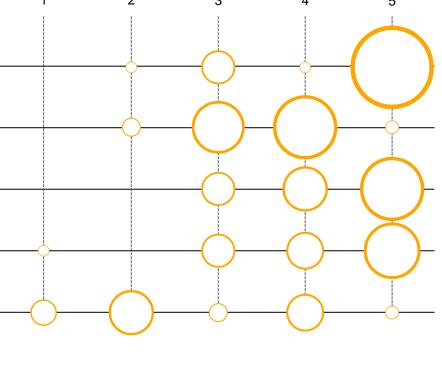
Drivers need freedom to make decisions even with automated driving vehicles in order to still be able to control the vehicle when required, if the systems are to prevail on the market.

Vehicle equipment, communication, and advertisement still need to **become less technology related** and ought to focus more on the customer's specific benefits.

End customers demand systems that increase active as well as passive safety.

End customers will recognize advantages and learn to appreciate automated driving by using individual assistance systems.

The introduction of further assistance systems and automated driving is successful within a shorter space of time when starting "bottom-up" from small vehicles and mid-range vehicles instead of targeting luxury vehicles first.



Size of the bubble represents the share of answers within the answer category



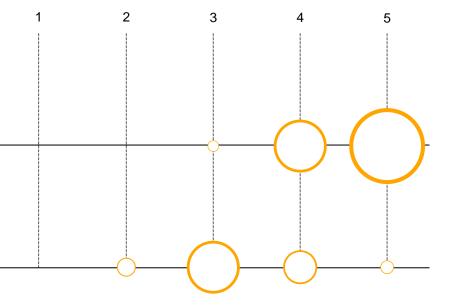
Expert Insights into Awareness and Car Drivers:

New providers & business models will enter the market



Linking technical systems will allow for additional new opportunities for combining information and communication technologies with vehicles. Therefore, new providers as well as new business models will enter the popular market.

The relationship between user and vehicle is going to change due to automated driving. Driverless vehicles will rather be used according to demand instead of purchased.



Size of the bubble represents the share of answers within the answer category



Continental Mobility Study 2013Summary



Summary

- Car drivers in Germany, China, the U.S.A., and Japan are open to automated driving in principle.
- A majority can see the benefit of a suitable technology on the freeway (e.g. traffic jams) in particular.
- A glance at the distribution of the acceptance levels across driver characteristics reveals that there is no factor particularly affecting the acceptance of Advanced Driver Assistance Systems (ADAS). There is no such thing as the typical user of these systems.
- The same applies to automated driving. Furthermore: Acceptance of automated driving benefits from positive experience with Advanced Driver Assistance Systems. The better car drivers' evaluate ADAS, the more open they are to automated driving.
- At the same time, a large number of motorists feel unnerved by the development and don't believe that automated vehicles will function reliably.
- The majority of car drivers expect partially automated vehicles to be available after 2020.
- Germans expect more extra costs for automated driving features than drivers in other countries. Compared to the average price of a car in the surveyed countries, the price indications are more or less on a realistic level.
- Experts trust in reliability of automated driving and see freedom to make decisions as a prerequisite for market success.

