Smart Roads in China

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Overall Government Targets - Connected and Automated Mobility



2025

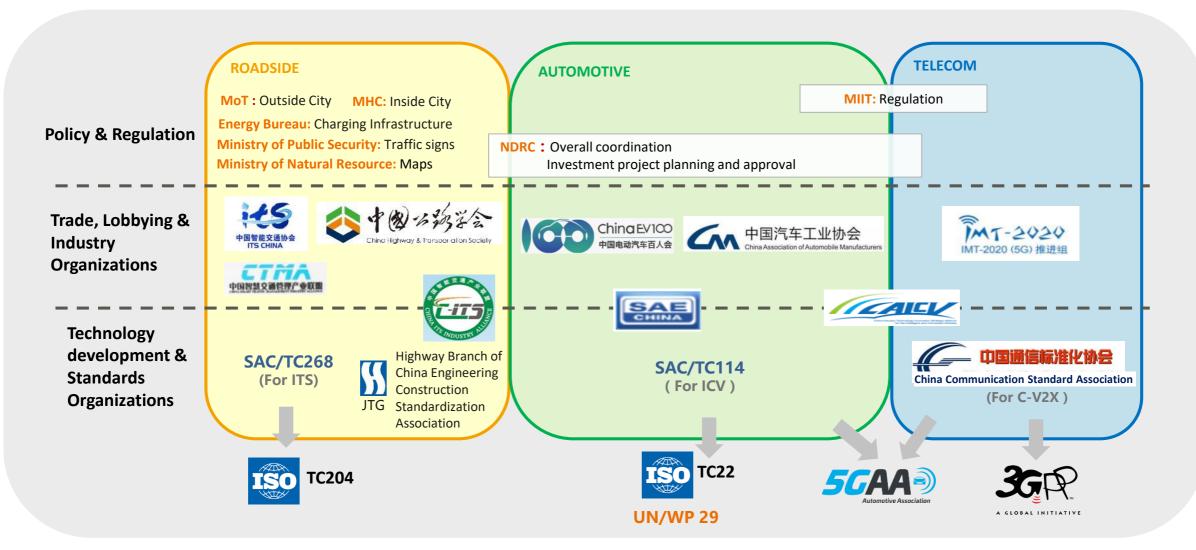
- ✓ Industry ecosystem established, regulations in place
- ✓ Level 3 market penetration 30%
- Level 4/5 commercially available in selected geographical areas
- C-ITS, 5G C-V2X and smart road infrastructure deployment along highways and in cities well underway.

2030

- ✓ Level 3 market penetration 70%
- ✓ Level 4/5 in general use along highways



Industry Landscape





Smart Road Infrastructure Standardization

JTG/T

中华人民共和国行业推荐性标准 JTG/T XXXX.X-20XX

公路工程适应自动驾驶附 属设施总体技术规范

General technical specifications for highway auxiliary facilities adapted

to automated driving

(征求意见稿)

20XX-XX-XX 发布 20XX-XX-XX 实施

中华人民共和国交通运输部发布

"General technical specification for highway auxiliary facilities adapted to automated driving"

- Scope: System architecture and technology requirements for roadside equipment and services.
- Draft completed and open for comments, to be finalized Q4 2020
- Led by the National Highway Research Institute



• 'Smart road levels' (corresponding to ISAD) planned to be standardized during 2021 through SAC TC204.

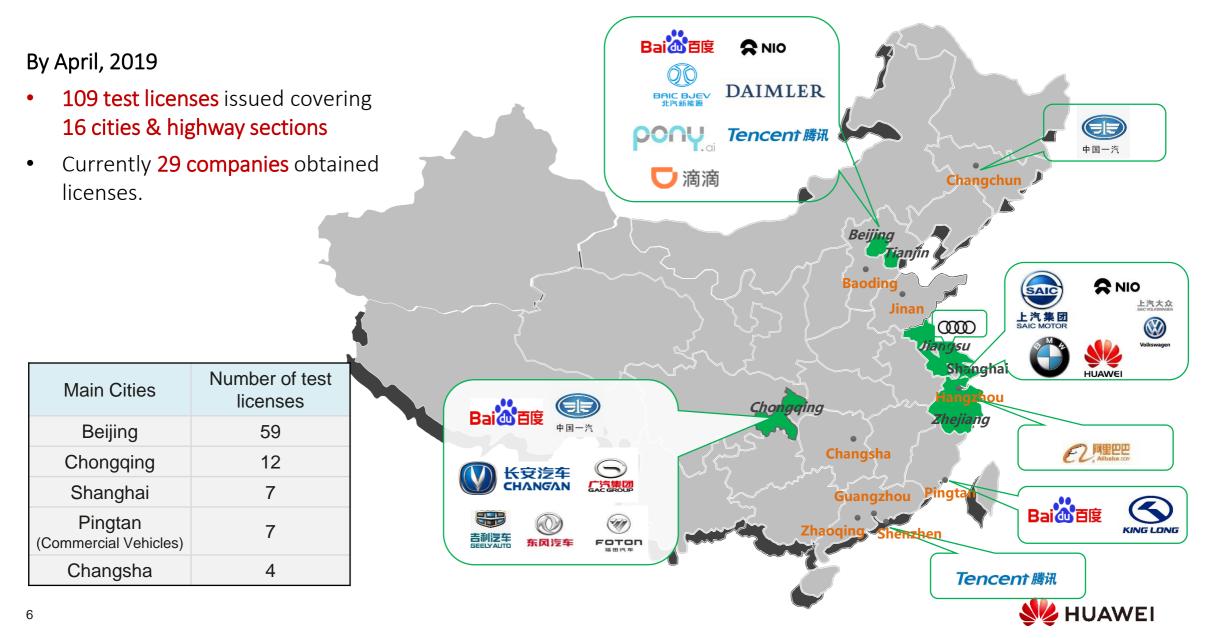


Road Infrastructure Technology Providers





Issued Road Test Licenses



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