

Governance Model Studies and Challenges of Autonomous Vehicles

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Global Perspectives on Law, Policy, and Mobility Innovation

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Complex traffic environment in China

Complicated overpass



Irregularly shaped object



Mixed traffic



Unclear road mark



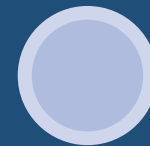
Smart Road Infrastructure Challenges



Large
Investment

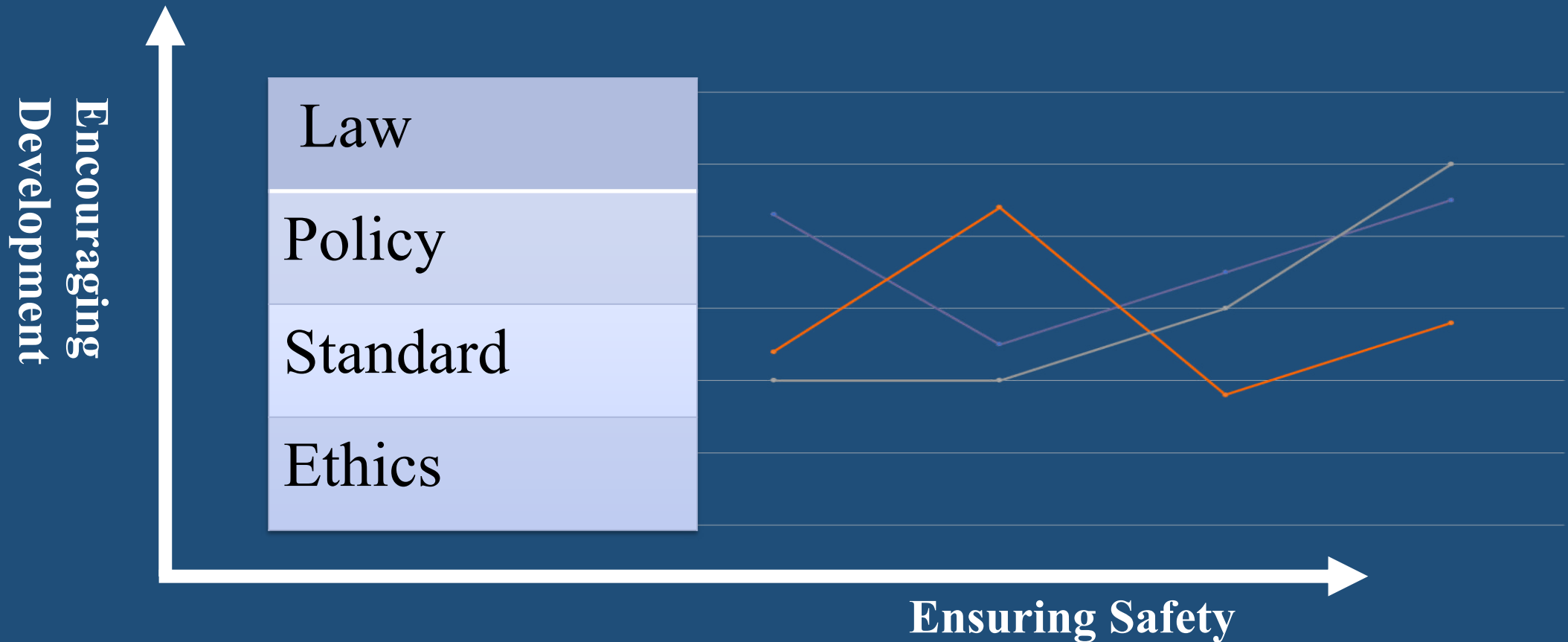


Unclear
Business Model



Lack of
Technical Standards

Governance Approaches for Automated Driving

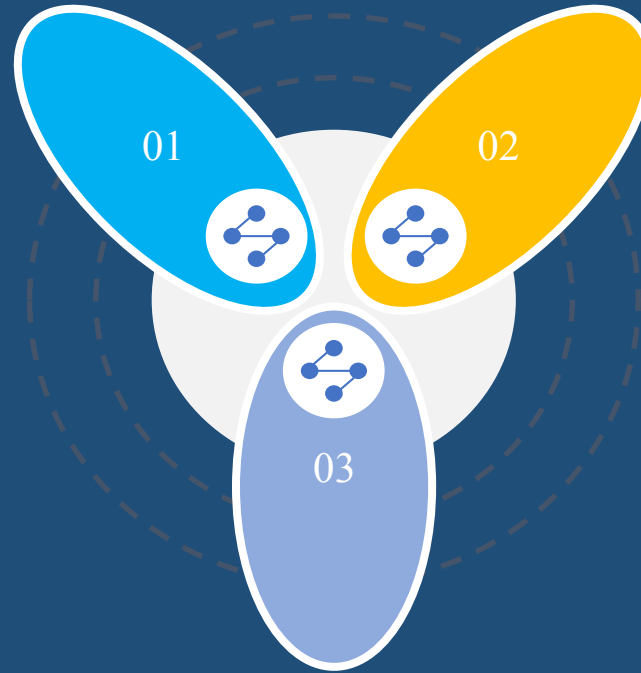


Beijing's Governance Model for Autonomous Vehicles

Safety & Controllability = Guidance, Supervision and Innovation
可控= 引导、监督和创新

Standards 标准

From group standards,
to industry standards,
to national standards



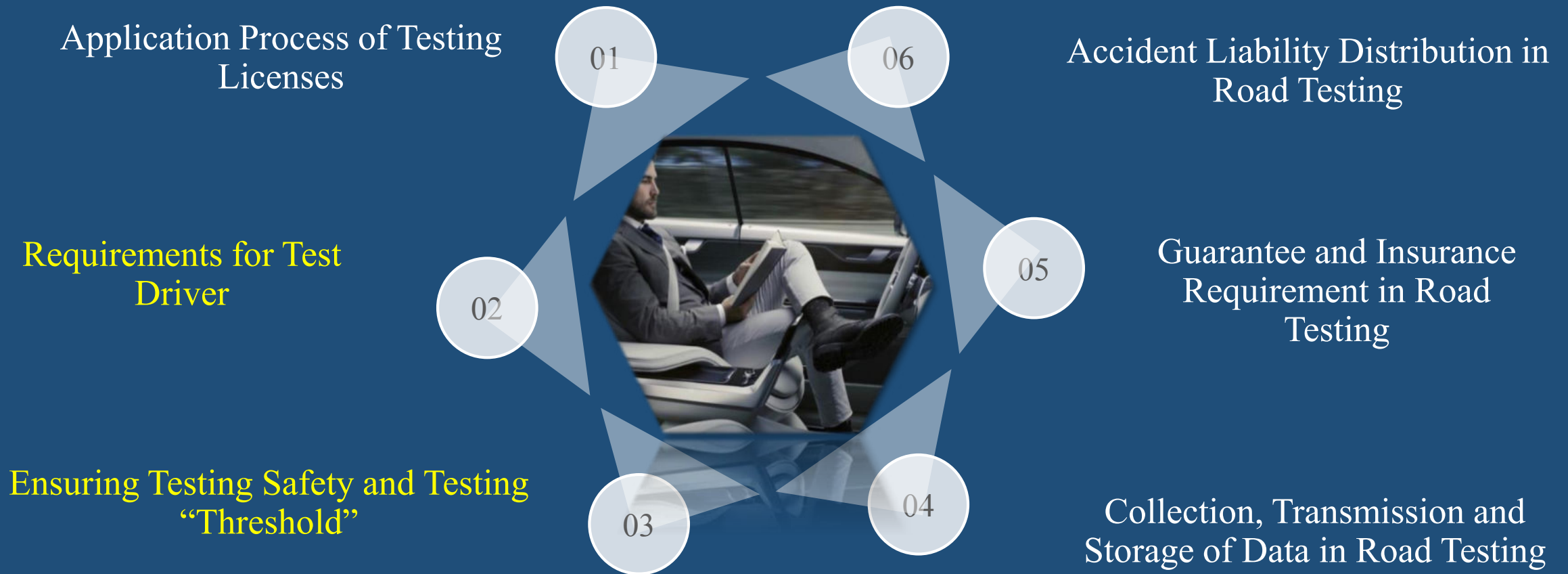
Policies 政策

- To emphasis on the **supervision and guidance of technology and management;**
- To guide the innovative development of **technologically advanced enterprises;**
- To require vehicles comply with traffic rules;
- To achieve stability and adaptability

Classification 分级

Classifying **test roads**, scenarios,
to match different car
capabilities

Autonomous Vehicles: Legal Issues of Road Testing



China's Efforts on Governance Model for Autonomous Vehicles

Major cities conduct pilot programs, to gather practical experience, so as to develop rules and adjust them continuously

1. Welcoming the testing regulations overseas
2. Showing Chinese characteristics and innovation
3. Showing strengths of local governments
4. Achieving systematic and complete testing regulations
5. Encouraging innovation and ensuring safety



Legislation Road on Autonomous Vehicle



- As to automated vehicles, lawmakers should be **innovative**.
- It is necessary for legislation to provide guidance and supervision while **encouraging development** and **ensuring security**.

Intelligent & Connected Mobility Academy

- ICMA has been deeply involved in the legal study on autonomous driving since 2012, and has kept track of the global legislative progress of intelligent and connected vehicles. Besides, ICMA has close cooperation with industry participants, academia and the competent authorities on the legal and policy issues involved in intelligent and connected vehicles.
- ICMA is committed to conducting study on the legal and policy issues regarding the automotive and mobility industry, focusing especially on in-depth research on cutting-edge legal issues relating to autonomous driving, cybersecurity, data compliance, shared mobility, new energy vehicles, and geographic information.
- ICMA is dedicated to providing legal solutions for domestic and international companies, and supporting relevant ministries and local governments in carrying out legal study and preparing legal normative documents on automated driving, cybersecurity, data protection and geographic information.
- Anli Partners -- related practices including: Automotive and Artificial Intelligence, Cybersecurity and Data Security, TMT.

**Autonomous
Driving Law
Centre**

**Automobile
Law Centre**

**Cybersecurity
and Data
Protection Law
Centre**

**Geographic
Information
Law Centre**

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- Ms. He Shanshan is the head of Autonomous Driving Law Centre of Intelligent & Connected Mobility Academy, leader of Automobile and Artificial Intelligence Group of Anli Partners. Ms. He Shanshan is also the expert of Autonomous Driving Law Expert Committee of Beijing.
- She has been closely working on the automated driving projects and providing legal advice since 2012. She keeps following closely to the development of global legislations on intelligent and connected vehicles, and she also keeps close discussion and cooperation with industry field, academic field and relevant authorities domestically and overseas, not only on law but also the policy issues related to intelligent and connected vehicles.
- She has more than thirteen years' working experiences both in the legal area and the automotive industry. Currently, she is mainly engaged in providing legal advice and support for companies in automotive industry. Ms. He Shanshan also has in-depth study on many frontier legal issues related to automated driving, riding sharing business, new energy vehicles, cybersecurity and data protection, as well as geographic information and surveying law.
- She obtained the bachelor of law degree and master of law degree from Tsinghua University School of Law, the master of law degree from Columbia University in New York. She is both qualified in P.R. China and New York of the United States. With respect to working experiences, she used to work at a leading international law firm and led many transnational investment transactions, and later on she joined a famous multinational automobile company leading its legal and compliance department, where she provided legal and commercial advice to the automated driving project, as well as cybersecurity, mobility and automobile relevant projects .

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**THANK
YOU**

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