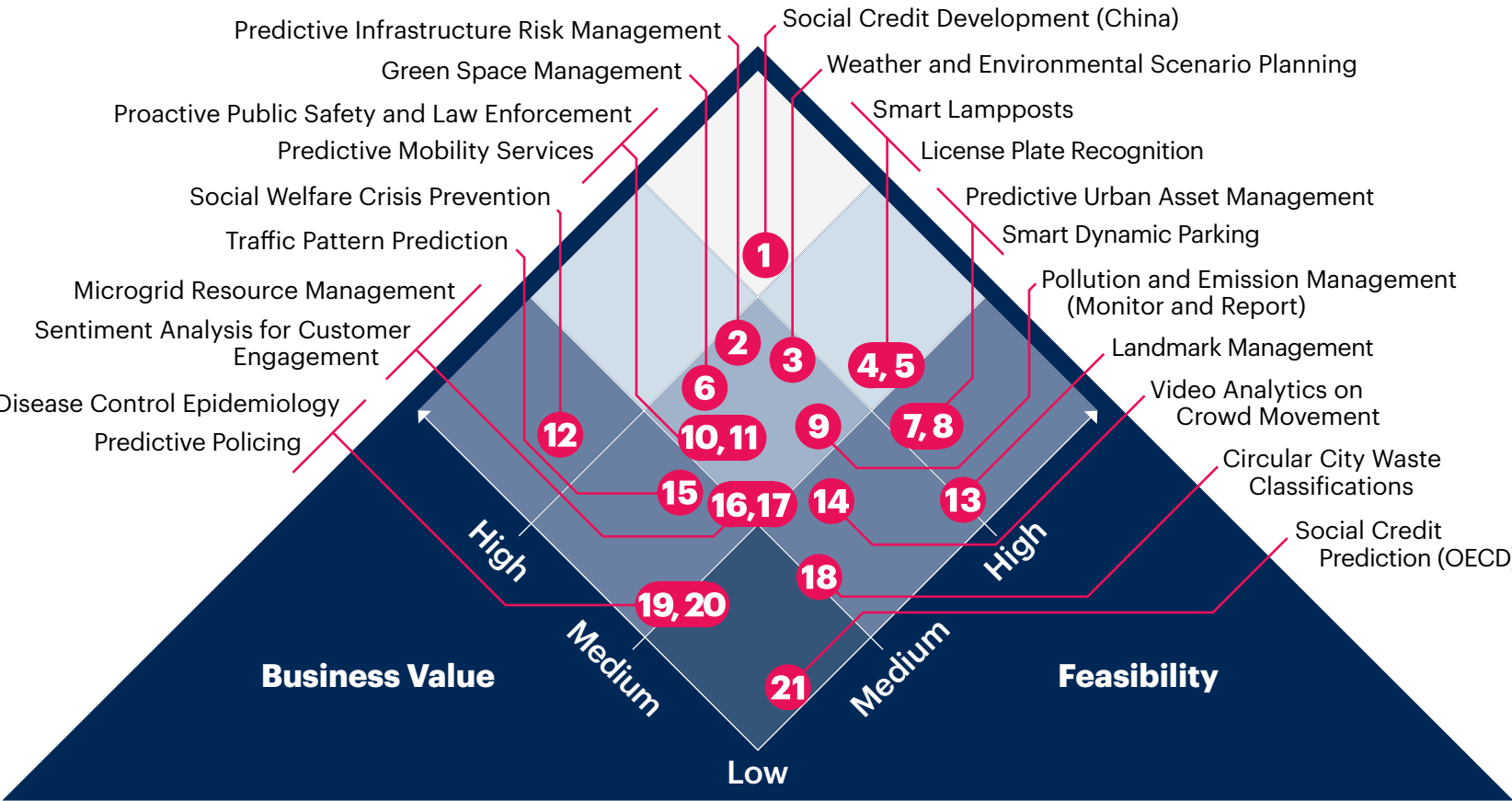
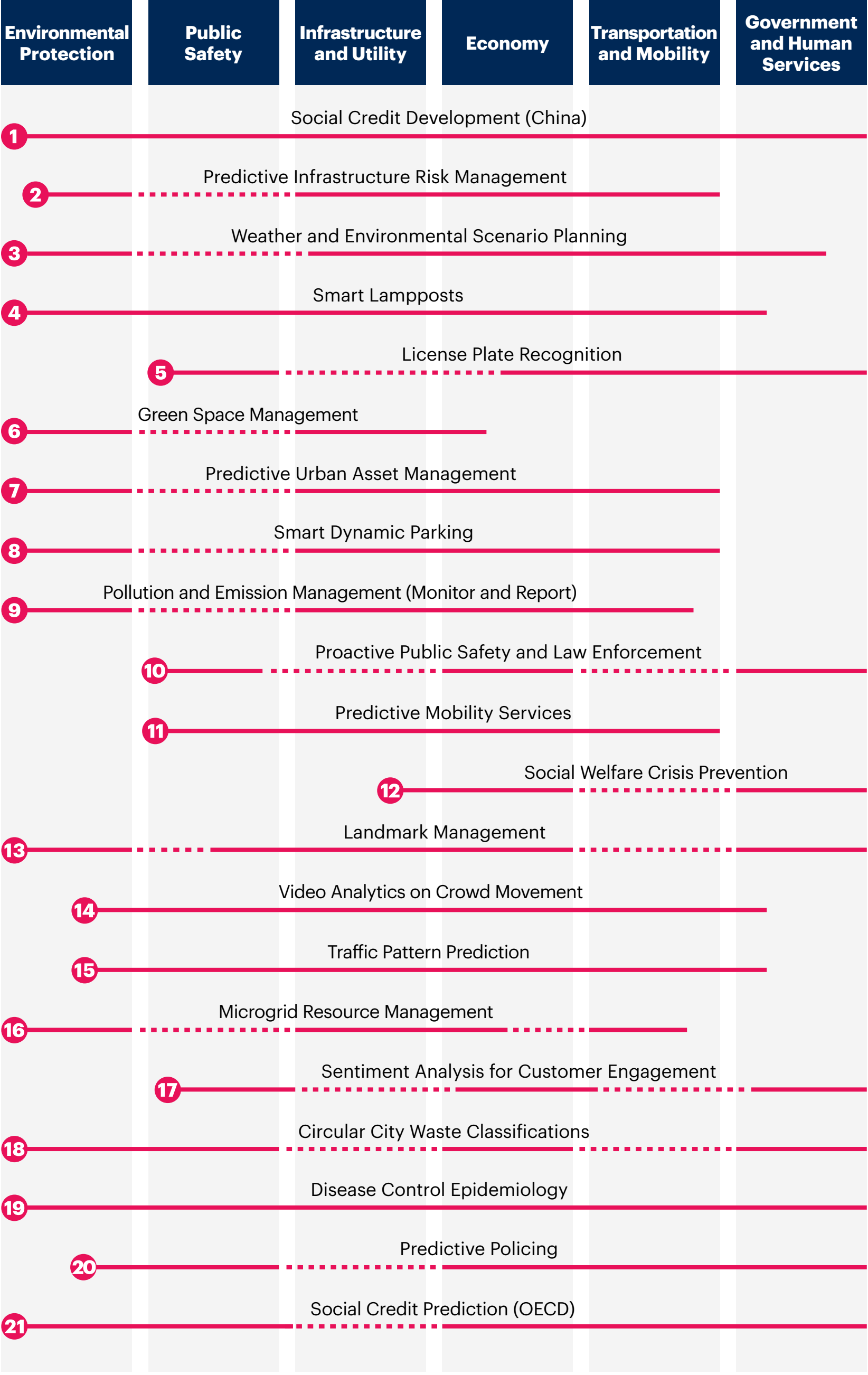


AI Use-Case Prism for Smart Cities



Note: Use cases are clustered only for ease of visual representation.



Business case is intermittent and doesn't apply to the process spanning the dotted line.

Note: The above diagram denotes a smart city ecosystem as opposed to a pipeline, which is showcased in other prisms. The diagram denotes the applicability of use cases and not a linear path of use-case implementation.

		Business Value			Feasibility		
		Finance Optimization ¹	User Attractiveness ²	Business Competitiveness ³	Technical Feasibility ⁴	Internal Readiness ⁵	External Readiness ⁶
1	Social Credit Development (China)	Medium	High	Very High	Low	Low	Low
2	Predictive Infrastructure Risk Management	High	High	High	Medium	High	High
3	Weather & Environmental Scenario Planning	Medium	High	High	High	High	High
4	Smart Lampposts	Medium	High	Medium	Very High	High	Low
5	License Plate Recognition	Medium	Medium	Medium	Very High	High	High
6	Green Space Management	High	Very High	Medium	High	Medium	Medium
7	Predictive Urban Asset Management	Medium	Medium	High	High	High	Low
8	Smart Dynamic Parking	Medium	High	Medium	High	High	High
9	Pollution and Emission Management (Monitor and Report)	High	High	High	Very High	High	High
10	Proactive Public Safety and Law Enforcement	High	Medium	Medium	High	Medium	Medium
11	Predictive Mobility Services	High	High	High	High	Medium	High
12	Social Welfare Crisis Prevention	High	Very High	High	High	High	High
13	Landmark Management	High	Medium	Medium	High	High	High
14	Video Analytics on Crowd Movement	High	High	Medium	Very High	Medium	High
15	Traffic Pattern Prediction	Medium	High	High	Medium	Medium	Medium
16	Microgrid Resource Management	Medium	High	Medium	High	High	High
17	Sentiment Analysis for Customer Engagement	High	High	High	High	Medium	High
18	Circular City Waste Classifications	High	Medium	Medium	Medium	Medium	Medium
19	Disease Control Epidemiology	Medium	Very High	Medium	High	High	Medium
20	Predictive Policing	Medium	Medium	Medium	Medium	Medium	High
21	Social Credit Prediction (OECD)	High	None	Medium	High	High	High

¹ Includes cost optimization and new sources of revenue (e.g., data monetization).

² Includes social and demographic sustainability.

³ Includes inclusivity to be more targeted at a lower cost, leading to new service possibility.

⁴ Includes includes standards, interoperability of systems, cloud vs. edge, data governance, machine learning and algorithm improvements, training capabilities, computing power, edge computing power, and infrastructure availability on the network.

⁵ Includes regulations and compliance to GDPR, cybersecurity and data protection.

⁶ Includes trust in the compliance and adherence to laws, ethics and regulations (e.g., data protection and privacy).

- None
- ◐ Low
- ◑ Medium
- ◒ High
- ◓ Very High