

Data Governance Framework in Shanghai, China

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Four (4) pillars of Policy, Institutions, People/Partnerships, Processes

- a) Policy: existing policy and regulatory framework; ↓
- b) Institutions: existing institutional framework ↓
- c) People: existing data ecosystem and mapping of stakeholders ←
- d) Processes: existing data processes ←

Elements → Pillars ↓	Data Standards & Classification	Data Sharing & interoperability	Data Security	Data Privacy	Data Infrastructure	Link with Digital Identity
Policy	A	B	C	D	E	F
Institutions	G	H	I	J	K	L
People	M	N	O	P	Q	R
Processes	S	T	U	V	W	X



Policy Pillar

	<u>National level</u>	<u>Municipal level</u>
<u>Long-term</u>	<ul style="list-style-type: none"> • Data Security Law • Personal Information Protection Law • Cybersecurity Law • The 14th Five-Year Plan (2021-2025) for National Economic and Social Development & Vision 2035 of the People's Republic of China (Part V Initiatives to Build a Digital China) 	<ul style="list-style-type: none"> • Shanghai Data Regulation (上海市数据条例) • Digital city transformation on Shanghai during the 14th five-year plan period (上海市全面推进城市数字化转型“十四五”规划) (上海市促进城市数字化转型的若干政策措施) • Measures for Shanghai’s open public data (上海市公共数据开放办法)
<u>Short-term</u>	<ul style="list-style-type: none"> • National instructions on integrated online services platforms (国务院关于加快推进全国一体化在线政务服务平台建设的指导意见) • National instructions on integrated big data center collaborative innovation system (关于加快构建全国一体化大数据中心协同创新体系的指导意见) 	<ul style="list-style-type: none"> • Plan of Public Data Governance and Application in Shanghai in 2021 (2021年上海市公共数据治理与应用重点工作计划) • Key points on comprehensively deepening the reform of "one-stop service" in Shanghai in 2022 (2022年上海市全面深化“一网通办”改革工作要点)

Note: not all relevant policies are listed here because of the space limit. Most of these documents only have Chinese version.



Institutions on Data Governance in Shanghai

THREE LEVELS AUTHORITY

Institution Pillar

- The Municipal Administration Office: policy-making, coordination and supervision
- The Municipal Big Data Center: public data management, operation and maintenance
- The Economic and Information Committee: opening public data and fostering digital economy development
- Shanghai Big Data Group (state-owned): data services, data collaboration with industries
- Other municipal government departments: perform their respective functions related to data

Municipal Level

District Administration Office
District Big Data Center
direct, promote, and coordinate

District Level

Town/Community Government

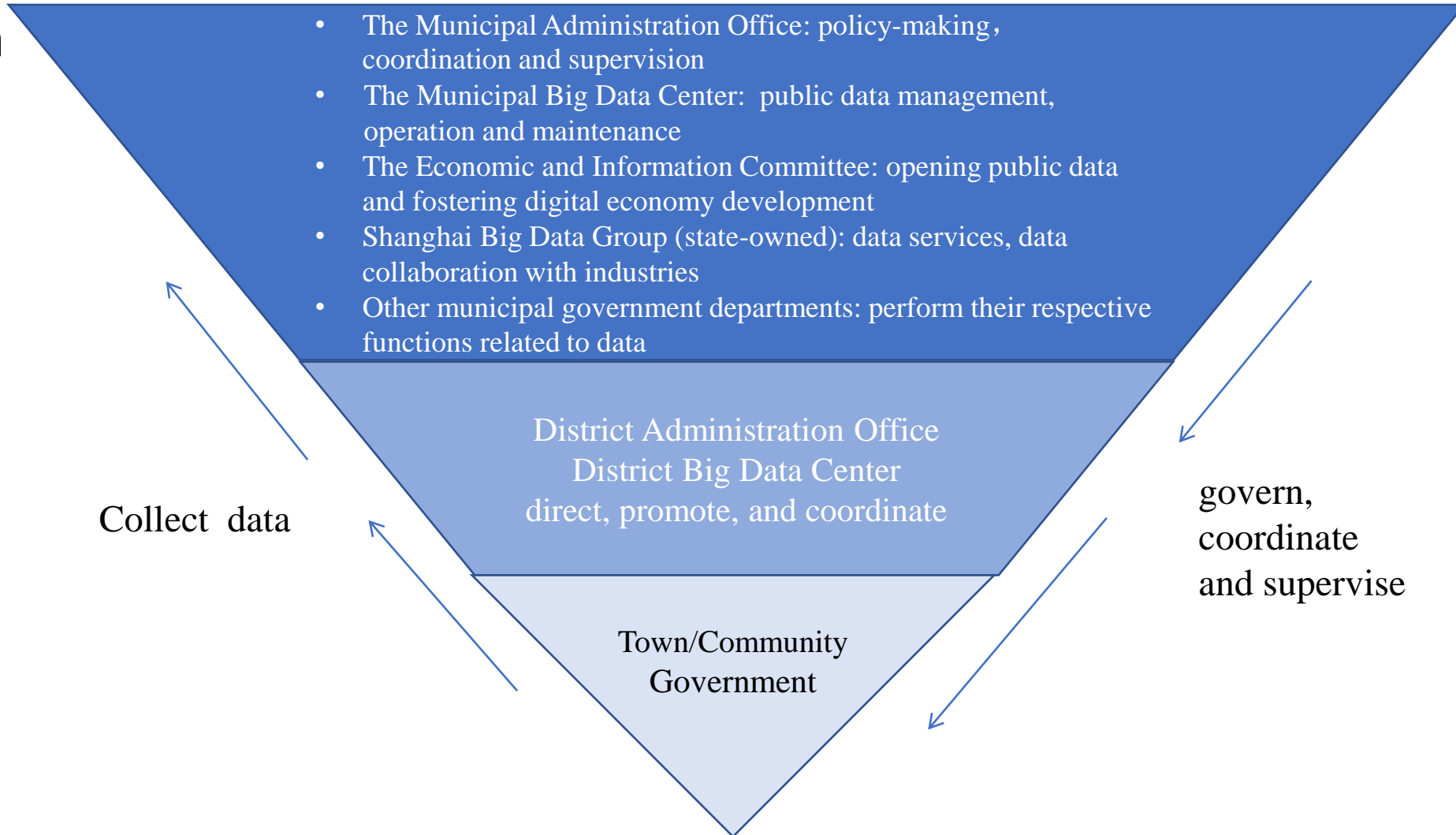
Community Level

All levels of governments and public institutions are encouraged to establish **Chief Data Officers**



Institutions on Data Governance in Shanghai

Institution Pillar



THREE LEVELS AUTHORITY

Municipal Level

District Level

Community Level

Collect data

govern, coordinate and supervise



United Nations

Department of Economic and Social Affairs

Processes Pillar People Pillar

● Experts

- Scholars and researchers
- Assessments and recommendations

- Digital economy development and innovation
- Industry associations involved in standards-making, service provision and self-discipline, etc.

Market/Industry

National Government

Government

Society/Citizens

Open Government Data

- State Council Administrative Office
- National Data Bureau
- Committee of Central Network Security and Informatization
- Commission of Industry and Information

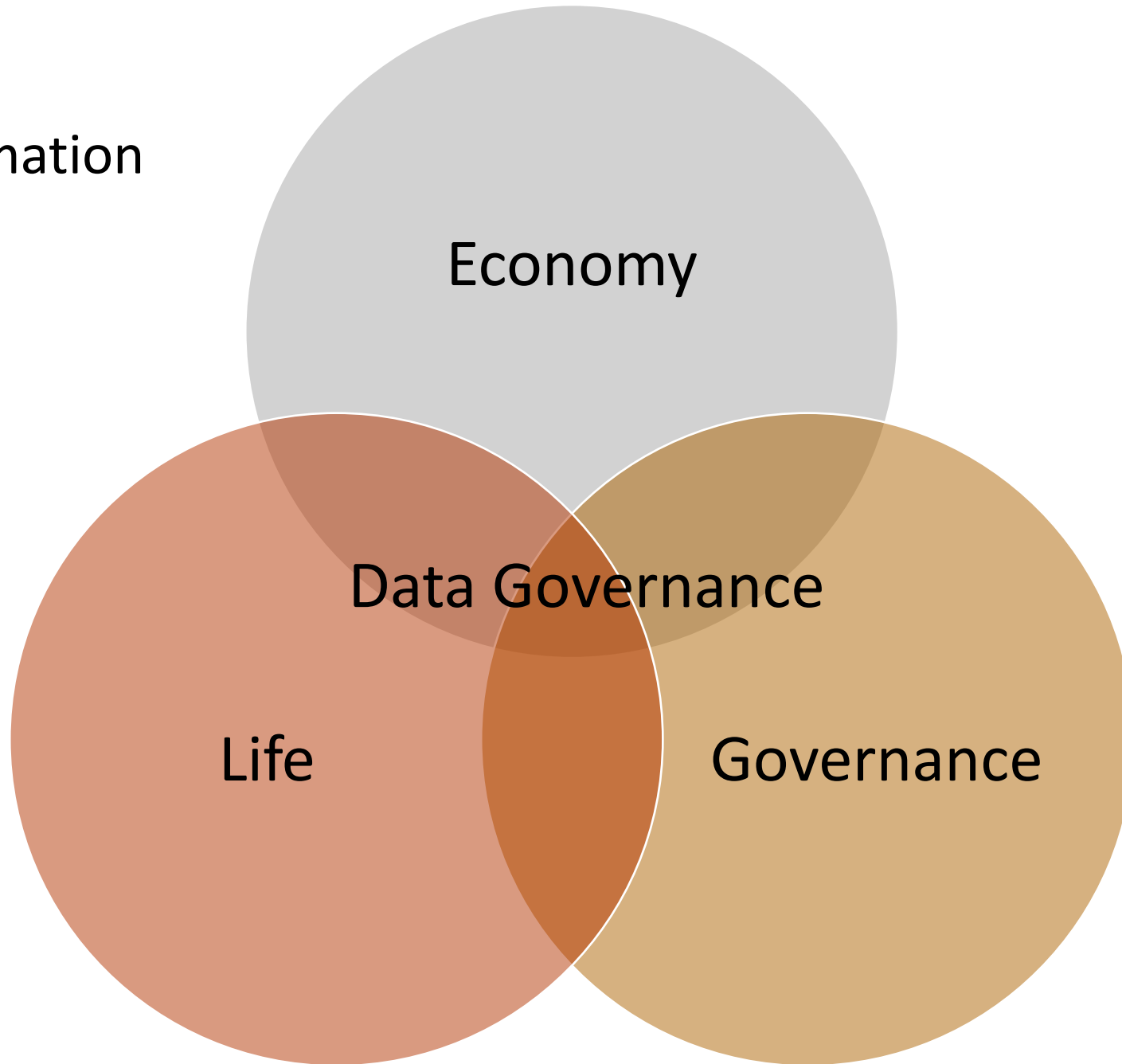
- Data sharing and integration within the government:
- Horizontal
 - Vertical

Other stakeholders

- Counterparts in other regions
- International actors

- Informing and education
- Cultivation and skills training for leaving no one behind

Municipal-wide
Digital Transformation



Economy

Data Governance

Life

Governance



**United
Nations**

Department of
Economic and
Social Affairs

Challenges:

- Integrate with data at national level
- Collaborate with data in other provinces
- Share data with lower-level government vs. data security and privacy protection

Thank you!

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