

SPATIAL DATA INFRASTRUCTURES

The vision for the future and the role
of government in underpinning
future land administration systems

UN/FIG Conference on Land Tenure and
Cadastral Infrastructures for Sustainable
Development

26th October 1999



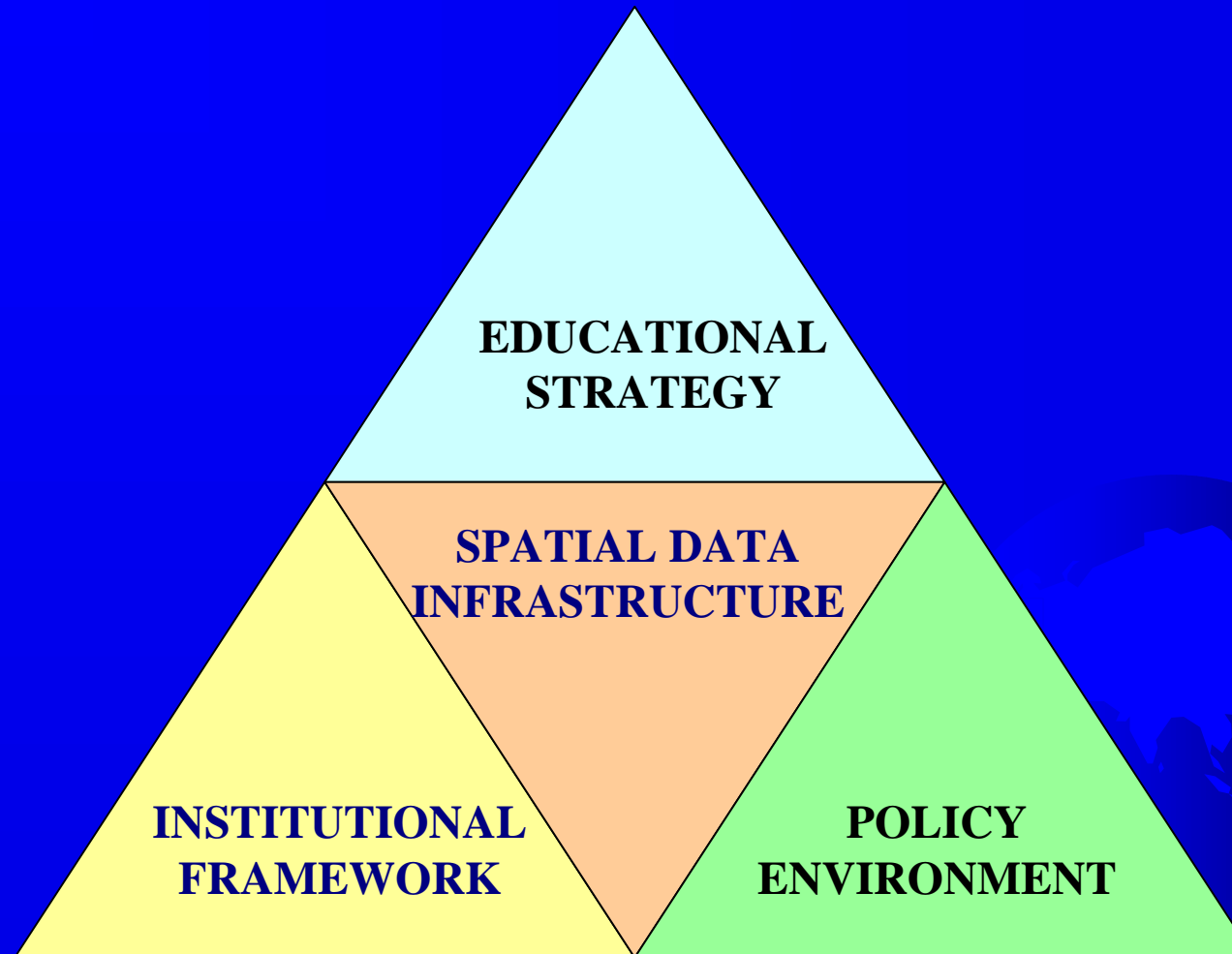
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SPATIAL DATA INFRASTRUCTURES

- 80% of government information has a spatial component
- spatially enabled or nationally deprived?



COMPONENTS IN SPATIAL PLANNING



ROLES OF GOVERNMENT IN AN INTEGRATED PLANNING FRAMEWORK

**NATIONAL
LEVEL**

NEXUS

**LOCAL
LEVEL**

-
- POLICY
 - LEGISLATION
 - INSTITUTIONAL FRAMEWORK
 - GUIDELINES
 - MODEL REGULATIONS
 - AUDIT AND MONITORING
 - BASELINE DATA MANAGEMENT
 - IMPLEMENTATION PRINCIPLES
 - INTERPRETATION OF NATIONAL POLICY
 - TASK PERFORMANCE



INTEGRATED SPATIAL PLANNING SYSTEM

- Foundation for economic planning
- Effective decision making



BARRIERS

- Information ownership
- Custodianship
- Technology for maintenance
- Public and private sector information



UN/FIG Conference

Melbourne

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