



Digital Media, Informatics, and Cultural Heritage

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Background

- On January 1st 2002, a national program called the “National Digital Archives program (**NDAP**)” has been launched in Taiwan.
 - The first phase of this program has been planned as a 5-years program, from 2002 to 2006.
 - It is a program of Information Technology Practice.

Information Technology Practice

- Technology Practice:



Arnold Pacey, 1983

An Introduction to *NDAP*

● Goals of *NDAP*

- *Preserving national cultural collections.*
- *Popularizing fine cultural holdings.*
- *Strengthening cultural heritage as well as guiding cultural development.*
- *Popularizing knowledge and Improving Information sharing.*
- *Enhancing education and learning.*
- *Bootstrapping cultural and value-added industries.*
- *Improving literacy, creativity and quality of life.*
- *Promoting International Cooperation and resource sharing*

Projects in NDAP

Supporting Core Projects

Thematic Groups

12 for content

6 for technology

Supporting Groups

• *TSL GIS*

• *Metadata*

• *Linguistic*

• *Union Cataloging...*

Training Programs

9
**Organization
Projects**
**of content
holders**

**Three Classes
of
Open Projects
(28)**

數位典藏國家型科技計畫內部運作示意圖

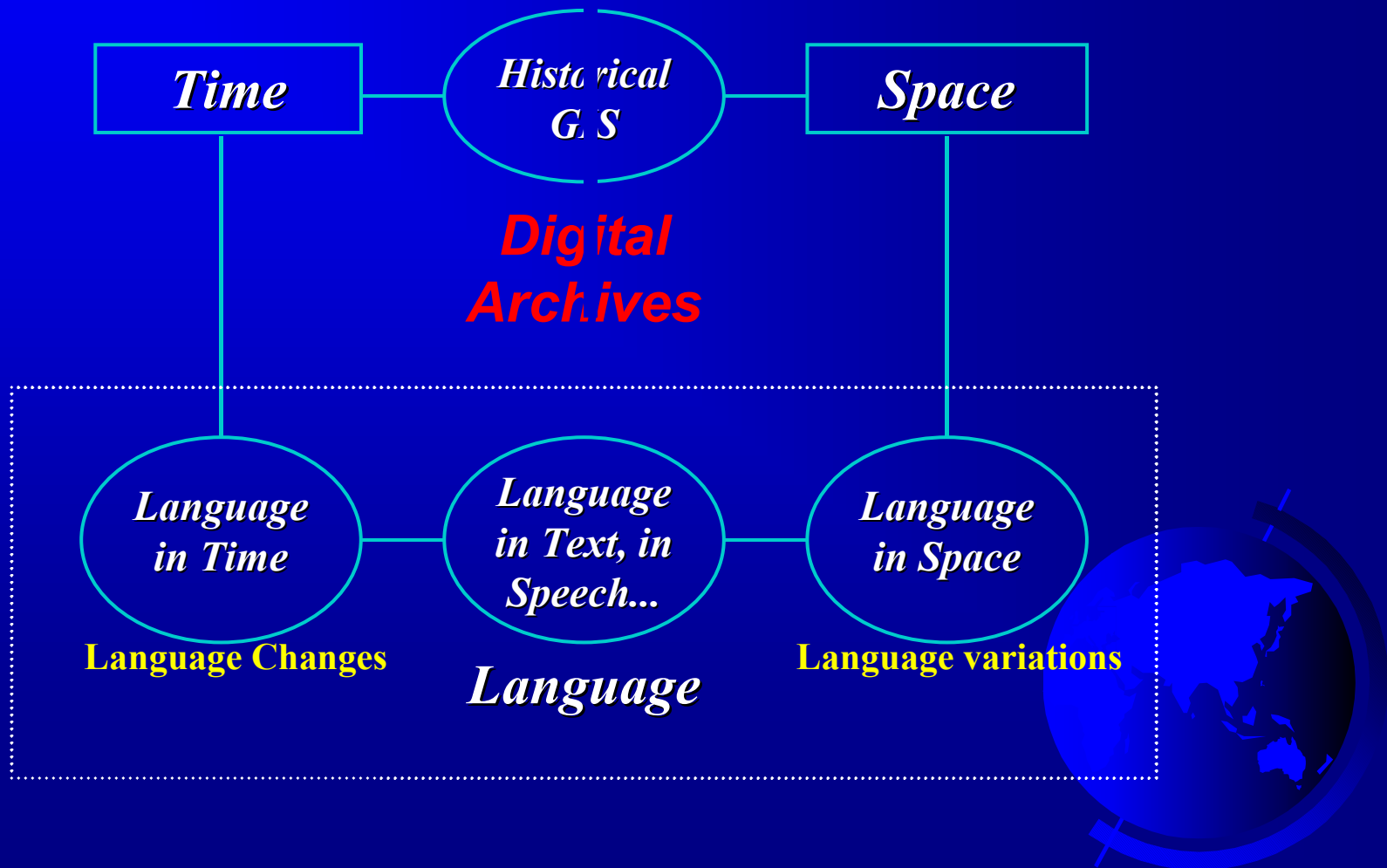


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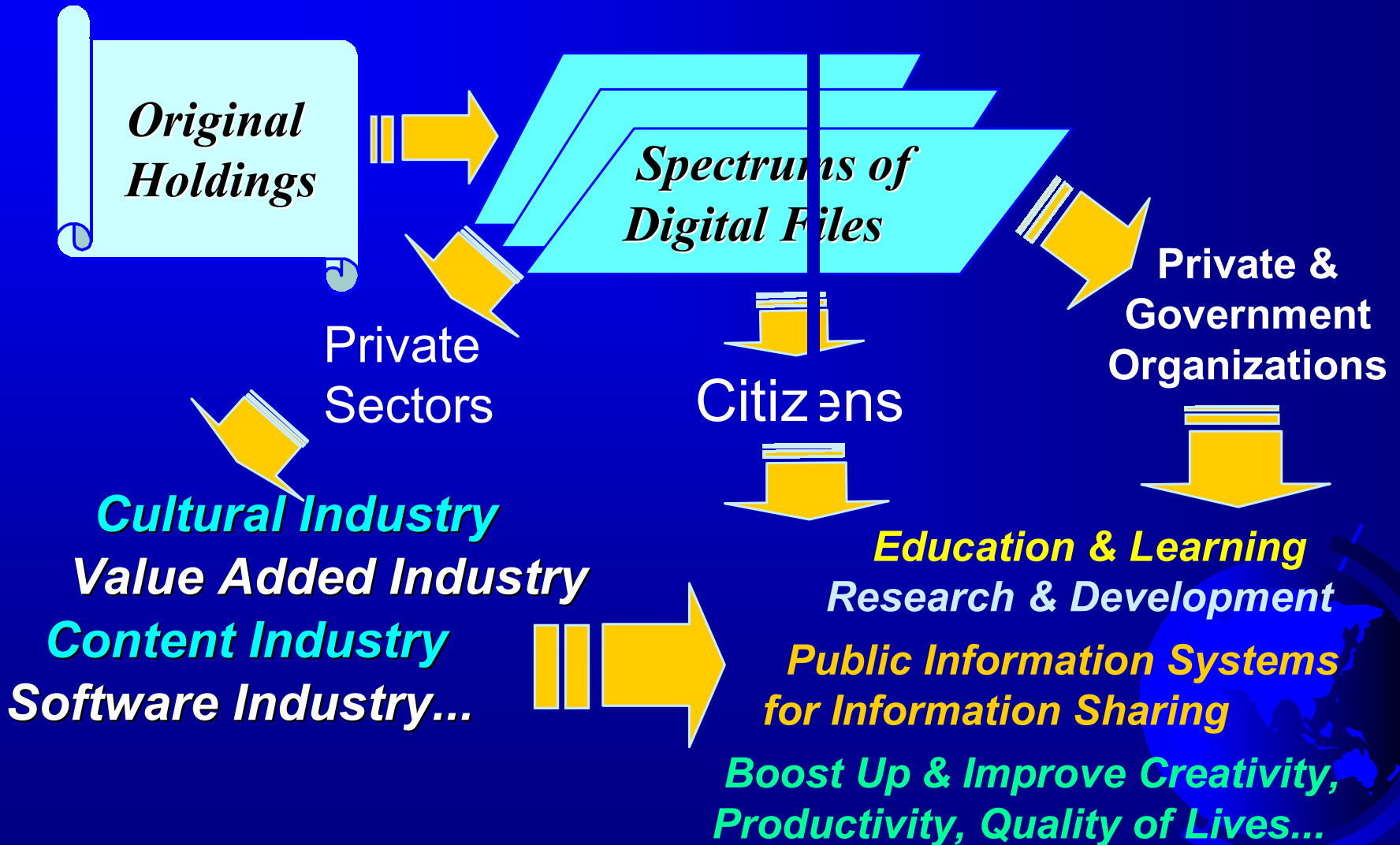
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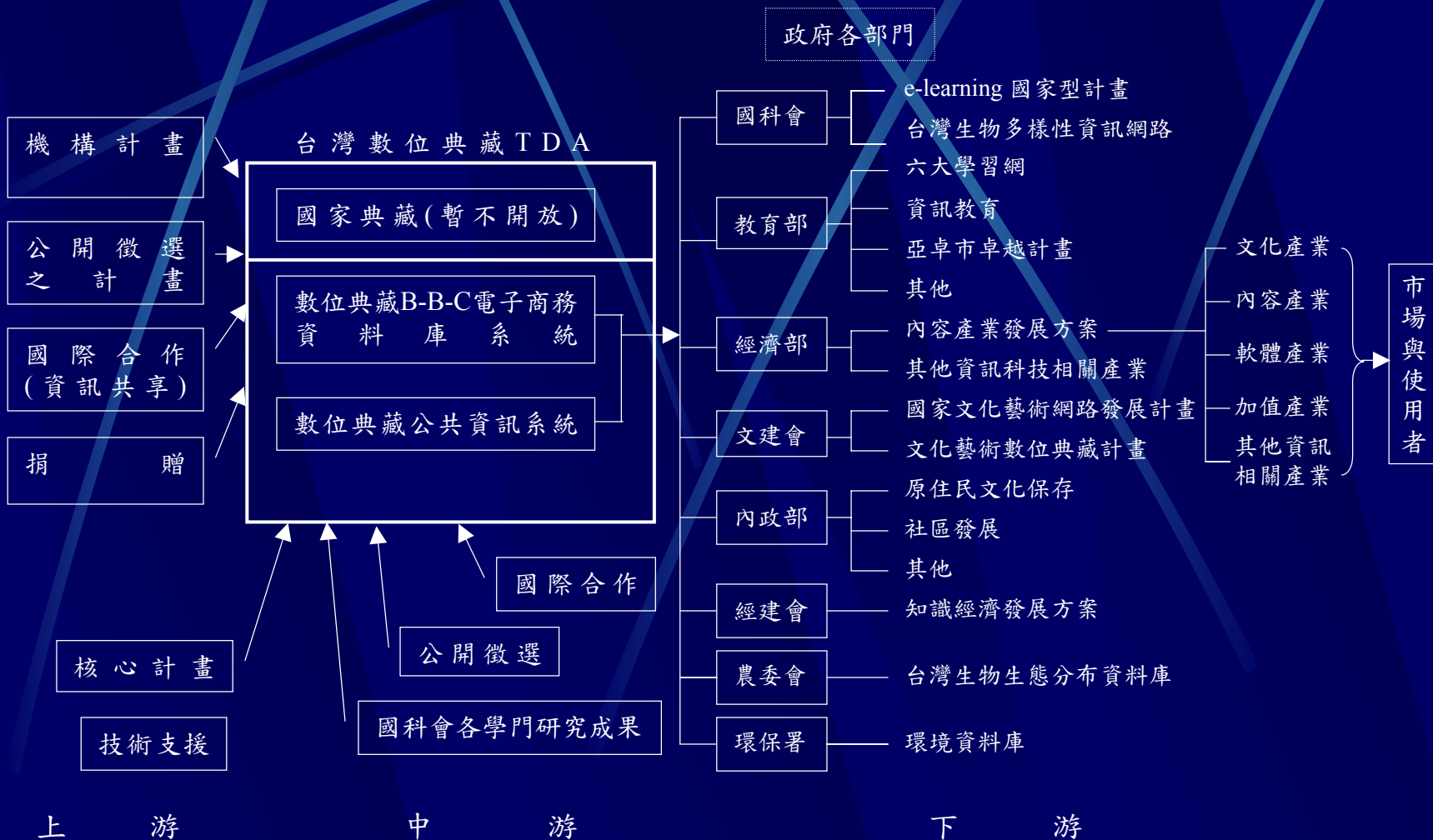
Space, Time and Language Coordinates for Digital Archives



A Scenario of Applying Digital Archives



本計畫的產出與各部會及產業界的關係



Major Concerns for Collaboration

- **Communication**
 - Inter-organizational and Intra-organizational communication problems
 - The two-cultural syndrome
- **Multi-lingual issues**

Major Concerns for Collaboration

- **Intellectual Property Rights (*IPR*)**
 - **For preservation: Dark Archive**
 - **For social ware fare and sharing: Public Information System**
 - **For Value-adding: e-commerce model, B2B2C**
- **Ethical Issues**
 - **For content holder, technical person, domain expert, manager, agent, funding organization...**

Major Concerns for Collaboration

Technical Specifications and Standards for Compatibility and Interoperability:

- **Meta-language for Documentation and Representation**
 - For Content
 - For Background
 - For Presentation and Interface
- *TSL* Coordinates
- Digitization Procedures, Specifications and Standards

The End

Thank you Very Much!

The full paper of this report will be available
on PNC website soon.