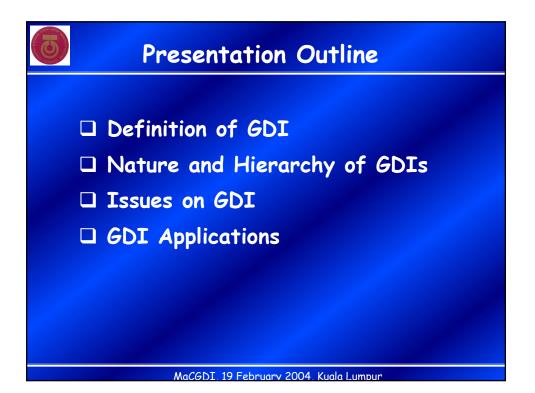


Spatial Data Infrastructure Research Group INSTITUTE FOR GEOSPATIAL SCIENCE AND TECHNOLOGY

## GEOSPATIAL DATA INFRASTRUCTURE: CONCEPTS AND APPLICATIONS

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MaCGDI, 19 February 2004, Kuala Lumpur



## Geospatial Data

## WHAT IS GEOSPATIAL DATA?

Geospatial Data or Information tells one something about a location on earth.

## WHY GEOSPATIAL DATA?

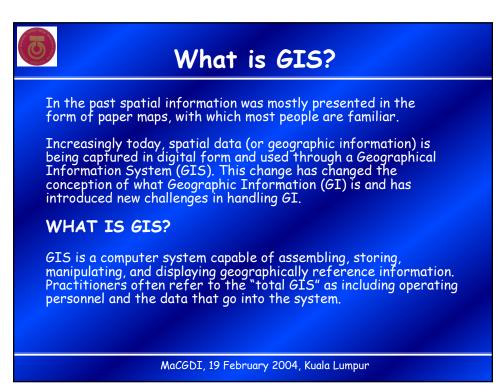
Spatial data/information is one of the most critical elements underpinning decision making for many disciplines.

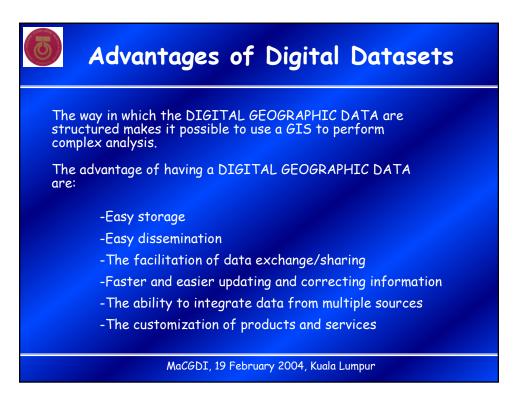
An estimated 90% of all information used by government has spatial characteristics or attributes.

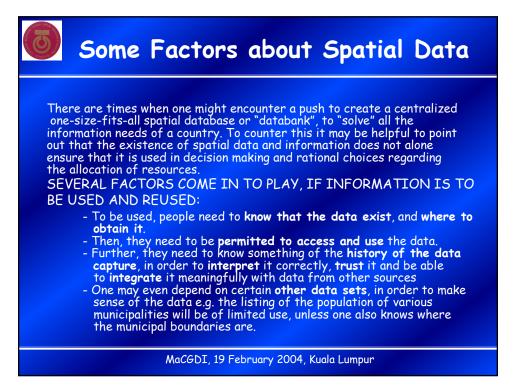
70 - 80% cost of GIS project spends for data collection, maintenance.....

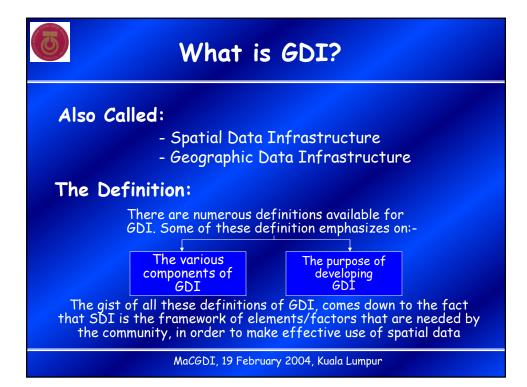
The same data sets will be collected by different agencies again and again.

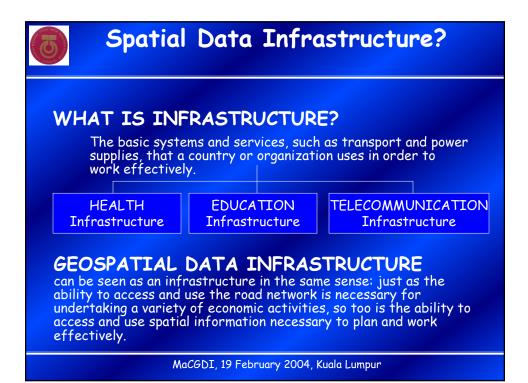
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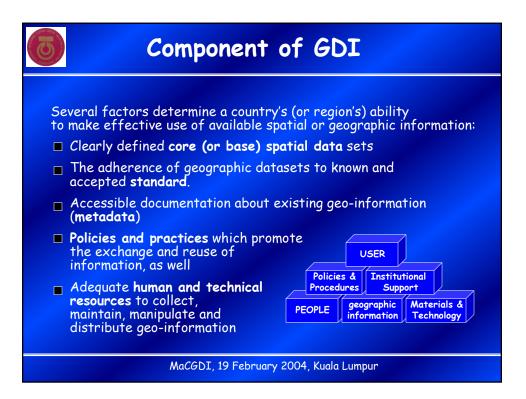


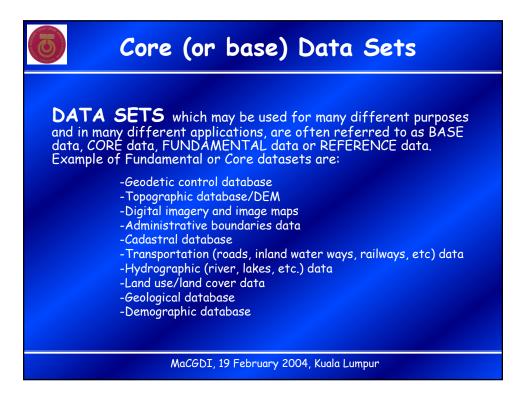


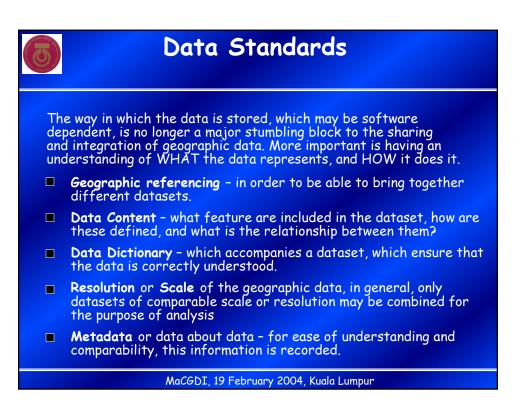


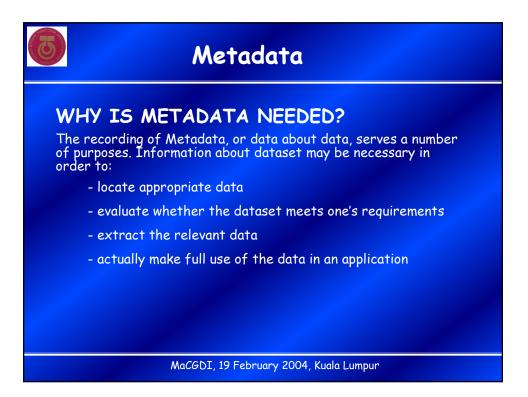


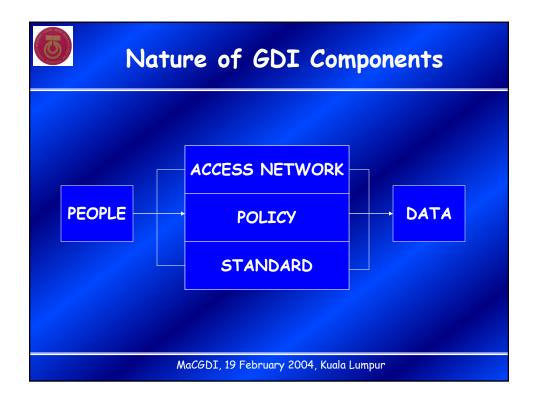


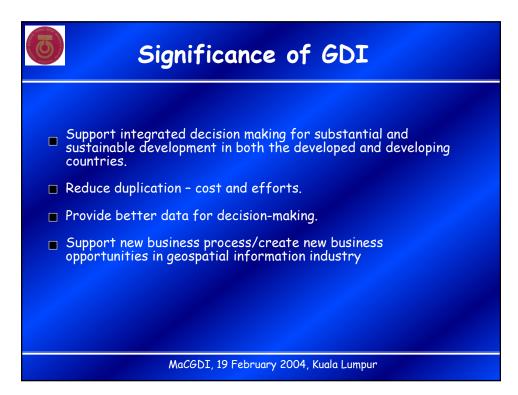


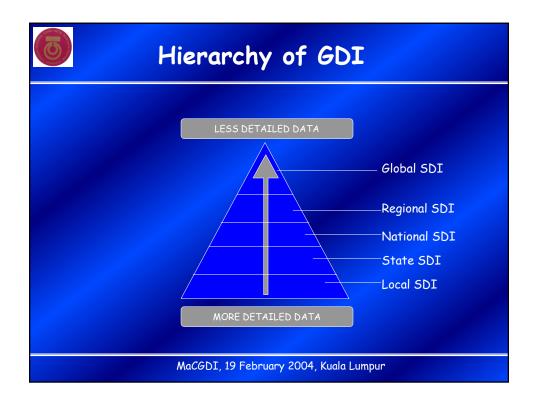


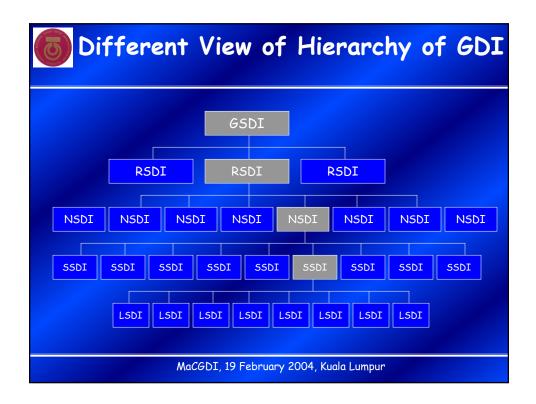






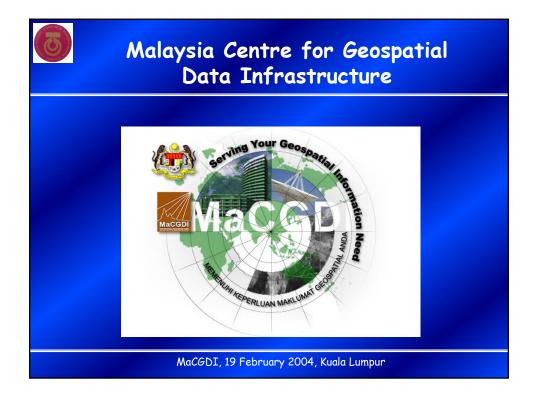


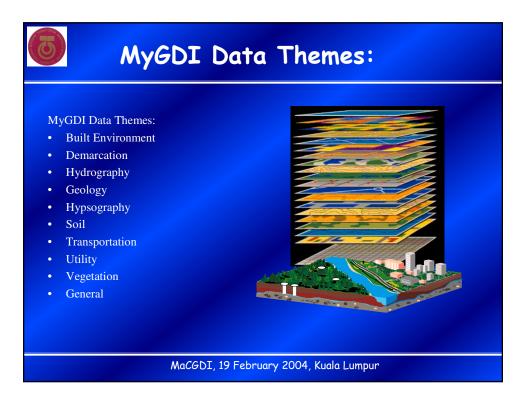


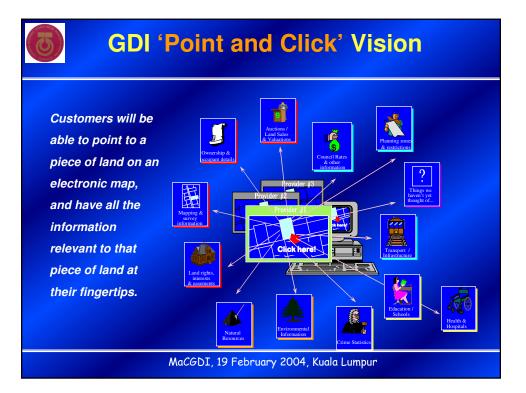




<b>Current</b> G	)I Initiative
NATIONAL LEVEL	Australia ASDI 1986 USA NSDI 1990 Qatar NGIS 1990 Netherlands NGII 1992 Indonesia NGIS 1993
MyGDI ←	Indonesia NB13 1993 Iran NGIS 1995 —Malaysia NaLIS 1994 Japan NSDI 1995 Canada CGDI 1996 Britain NGDI 1996
<b>STATE LEVEL:</b> Victoria Geospatial Environment	
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6	GDI APPLICATIONS:
	<ul> <li>Local Authority</li> <li>Facilities Management</li> <li>Environmental</li> <li>Geology</li> <li>Park Management</li> <li>Flood Mitigation</li> <li>Public Utilities</li> <li>Health Care</li> <li>Emergency Respond</li> <li>Real Estate</li> <li>Public Election</li> </ul>
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