E

## UNITED NATIONS



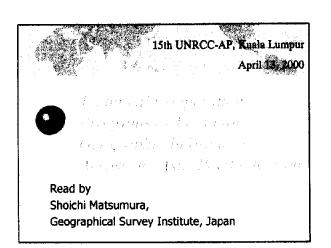
Distr. LIMITED E/CONF.92/BP.13 11 April 2000

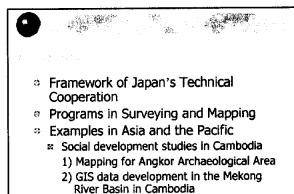
ORIGINAL: ENGLISH

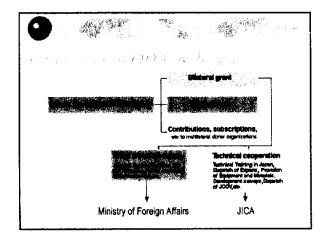
FIFTEENTH UNITED NATIONS REGIONAL CARTOGRAPHIC CONFERENCE FOR ASIA AND THE PACIFIC Kuala Lumpur, 11-14 April 2000 Item 9(m) of the provisional agenda\*

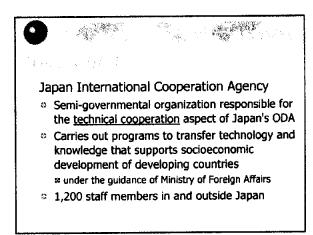
TECHNICAL COOPERATION PROGRAMMES OF JAPAN FOR GEOGRAPHIC INFORMATION ACROSS THE ASIA-PACIFIC REGION

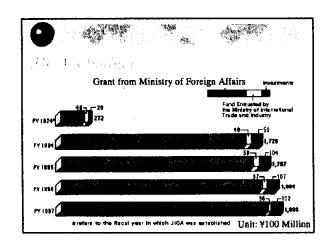
<sup>\*</sup> E/CONF.92/INF/1

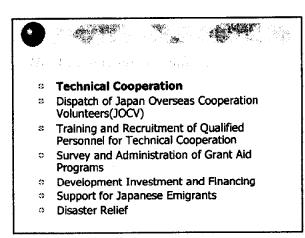






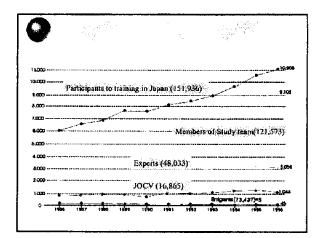


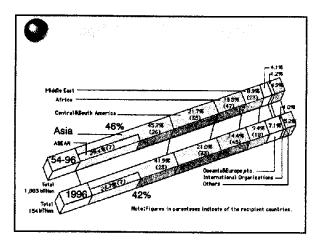


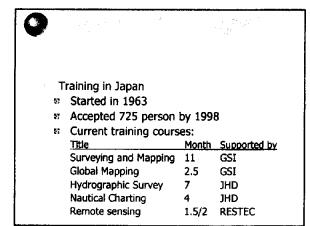




- 1. Training in Japan
- 2. Dispatch of Experts
- 3. Provision of Equipment
- 4. Project-type Technical Cooperation (= 1 + 2 + 3)
- 5. Development Study









- Dispatch of Experts to NMOs from GSI
  - S Long term experts: 46 person since 1975

4 K265 (\*\*)

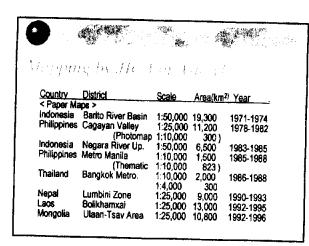
- 8 Short term experts: 213 person since 1964
- Provision of Equipment
  Bangladesh (1999-2000)
  - · Offset printing machine, GPS receivers
- Project-type Technical Cooperation
- Establishment of Kenya Institute of Surveying and Mapping (1995-2001)

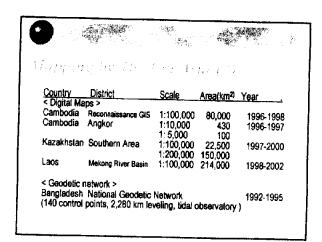


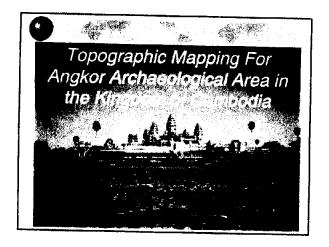
## Background

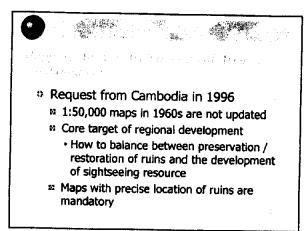
- Maps provide basic information for making national development policies and planning.
- The lack of such information delays the development of nations.

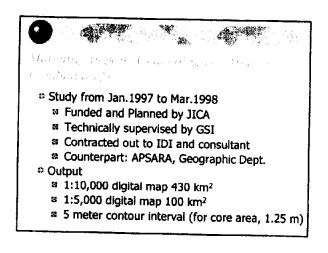
Started overseas mapping projects in 1971 Mapped 1,310,000 km² in 30 countries Emphasis on technical transfer

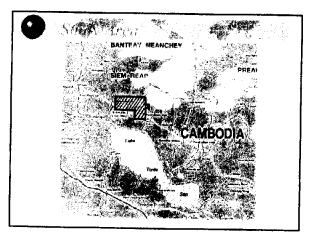






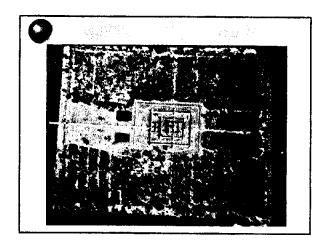




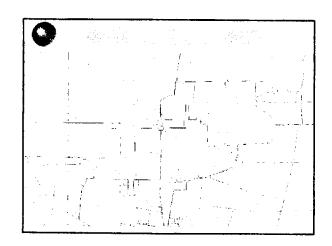


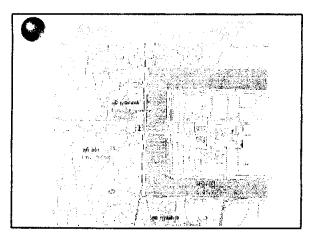


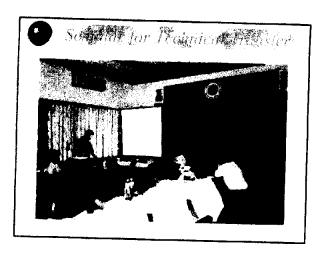




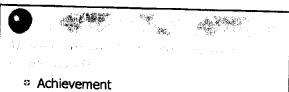




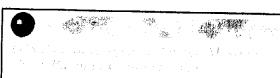




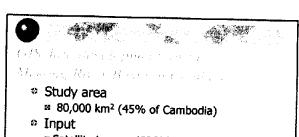




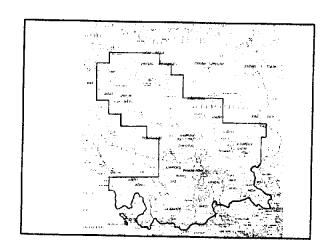
- - Mapped for the first time in detail the famous ancient civil engineering works
  - Found new supposed to be ruins
  - Determined positional relationship between
    - → Basis for analysis of functional and historical relationship between ruins



- Background
  - Recovery and reconstruction from the civil war is critical in Cambodia.
  - 😕 1:50,000 maps in 1960s are not updated
- Study from Nov.1996 to Mar.1999
  - ≅ Funded and planned by JICA
  - Technically supervised by GSI
  - ≅ Contracted out to IDI and consultant
  - ≅ Counterpart: Ministry of Public Works and Transportation, Geographic Dept.



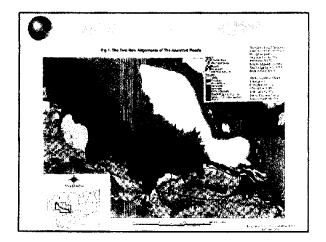
- Satellite images (SPOT)
- Output: Base data for GIS
  - 1:100,000 Topographic maps
  - 1:100,000 Land use data
  - a 1:500,000 Geology/Geomorphology data

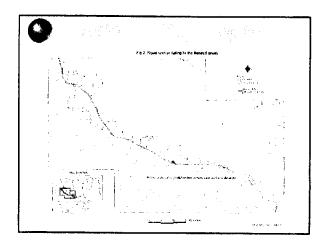


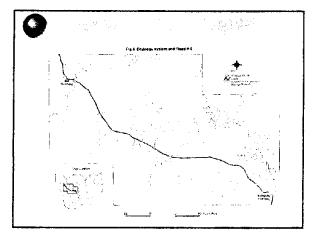


## Application by MPWT

- □ Agricultural Land Allocation to Former Pol Pot Soldiers
- Analysis of Road Alignment Study of Route 5.







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- Described technical cooperation programs by JICA
- Increasing demand for GIS data development
- JICA will continue to assist developing countries across the Asia and the Pacific though geographic programs
- For more details, visit JICA home page at http://www.jica.go.jp/Index.html