"Strategy of e-learning development in the Network of Technical and Vocational Education in Indonesia."

Mr. BINSAR SIAGIAN,
Technical Education Development Centre, Bandung

Indonesia Country Report

AEN-Survey Research on e-Learning
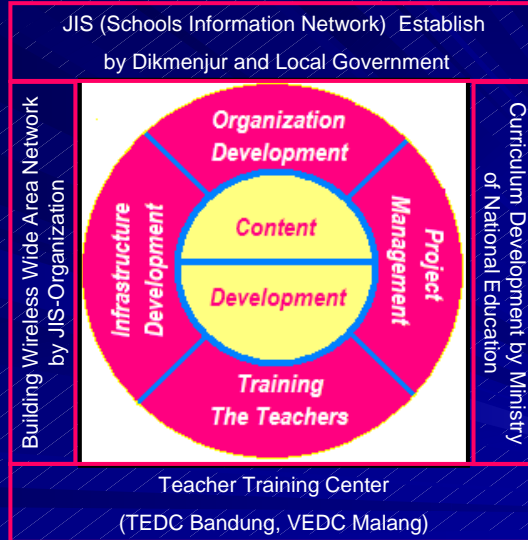## in Asian Countries – Fiscal Year 2002

In Indonesia, although needs for remote education are high, in view of its wide spreading territory and 200 millions of population, e-Learning which uses networks over the Internet is not developed. Factors preventing e-Learning from evolving include the Indonesian government's policy, which does not admit diplomas for e-Learning except for Indonesian
Open Learning University, a correspondence education style university. On the other hand, a few colleges (Bandung Institute of Technology, Bogor Agricultural University, Gadjamada University, Diponegoro University, etc.) have started to investigate e-Learning. Lectures given in English are scarce.

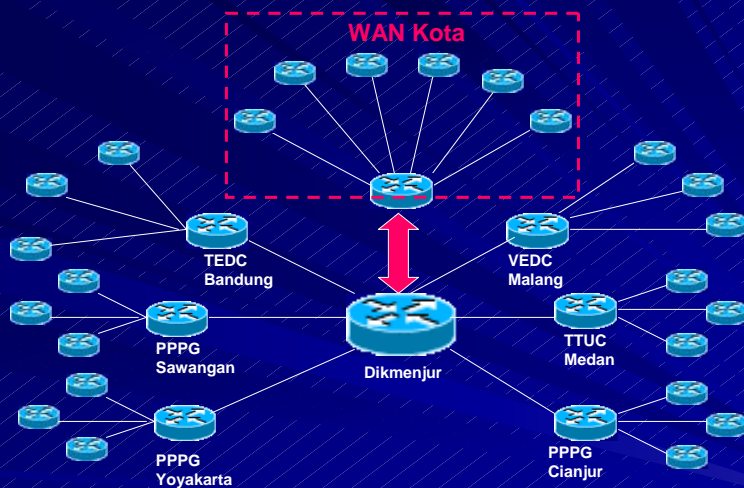| Institution name / Project name	Category	Synchro nous	Asynchro nous	Remarks (Important point, keyword, financial sources, budget scale)
Indonesian Open Learning University	University	x	x	Offers tutorials only online.
Petra Christian University of Surabaya	University		x	Offers online a part of lectures
Indonesian Distance Learning Network (IDLN)	Governmental organization			Conducts surveys on e-Learning
(MHA:Ministry of Home Affairs)	Governmental project	x	x	Currently planning Implementation plan is aided by Japanese Ministry of Public Management, Home Affairs, Posts and Telecommunications
Directorate for Vocational Education (Dikmenjur)	**National Education Department**			**Sharing cost Central Gov. and Local Government**

E-Learning Strategy Development

JIS (Schools Information Network) Establish
by Dikmenjur and Local Government

Building Wireless Wide Area Network
by JIS-Organization

Organization
Development

Infrastructure
Development

Content

Development

Project
Management

Training
The Teachers

Curriculum Development by Ministry
of National Education

Teacher Training Center
(TEDC Bandung, VEDC Malang)

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Network Planning 2002

WAN Kota

TEDC
Bandung

VEDC
Malang

PPPG
Sawangan

Dikmenjur

TTUC
Medan

PPPG
Yoyakarta

PPPG
Cianjur

Networks Supporting by 48 "CISCO" Local Academy, at Vocational Schools (SMK)

450 Teachers has upgrade the skill for Networking and Web Developer.

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WAN-KOTA (City Network)
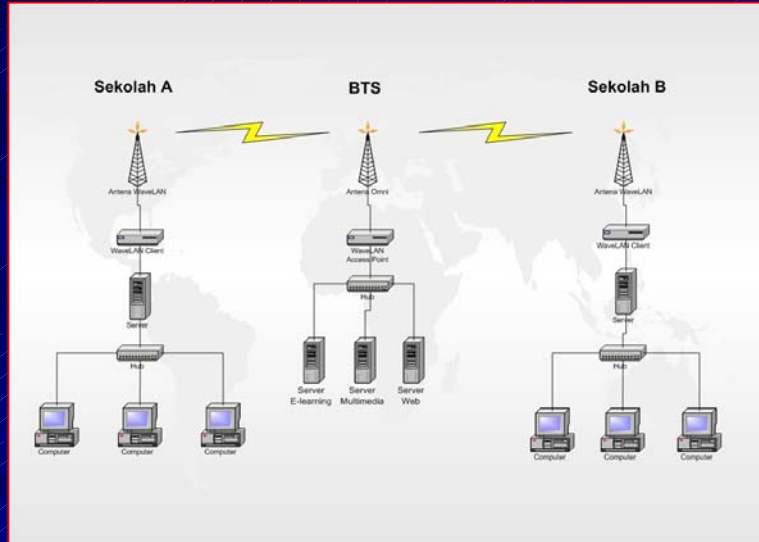
Organization And Network Development Area

4.169   Vocational Schools
7.900   General Senior Secondary Schools
12 + 27   Teacher Training Centre

101 Schools with **553** PC's

4 Teacher Training Centre **200** Pc's

2003-2004:   **47** WAN Establishes

3

e-Learning Content Development

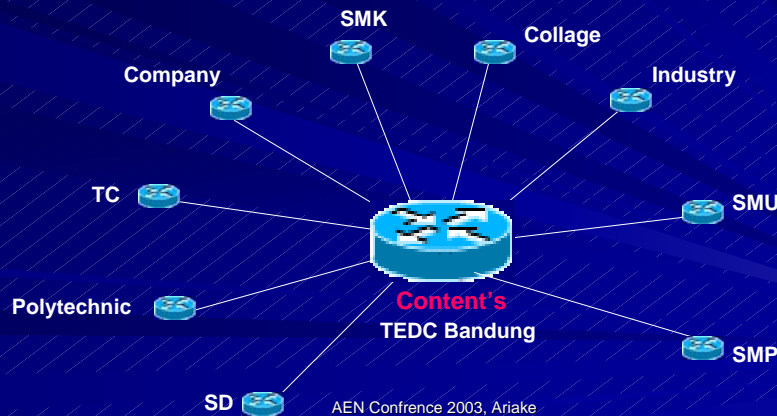**Since January 2002, We decided to create an e-learning teambuilding :**

Job Target is :

    1. Preparing content for "Teknik Digital "

    2. Preparing Software Simulator " Digital Trainer "

    3. Preparing Software for " Typing Tutor"
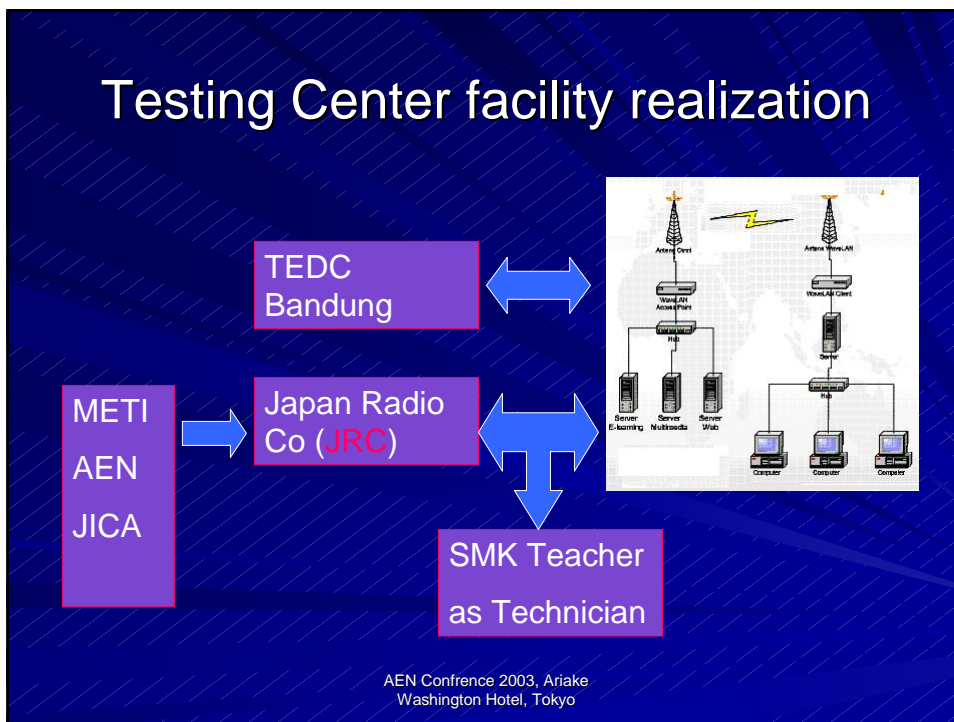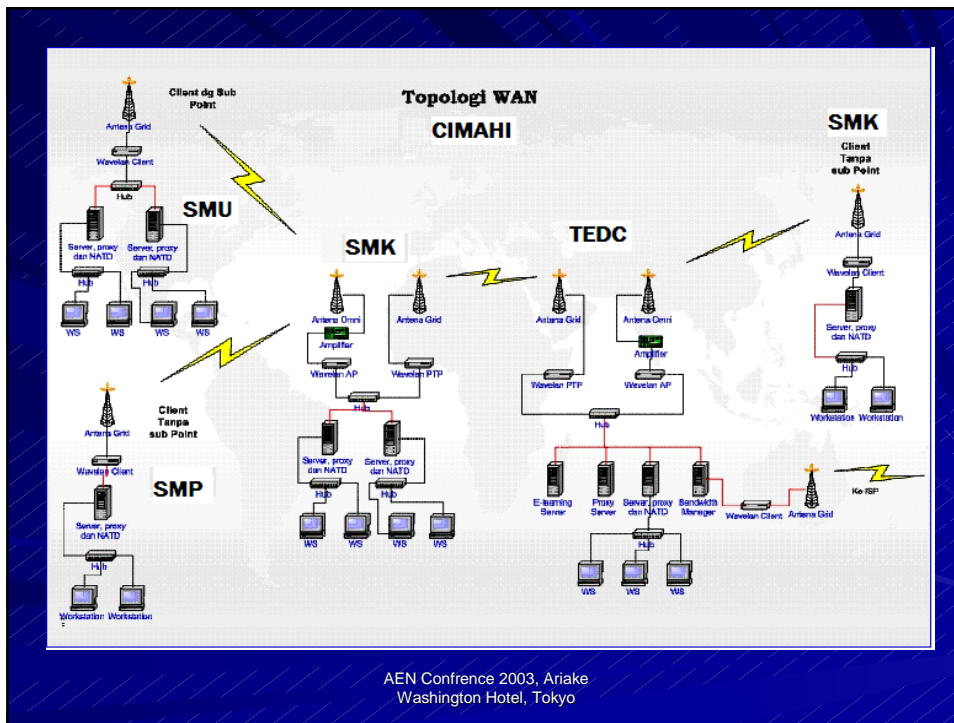
All above running on the PC Base (not Web Base)

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Establishing e-learning Content Developer group

Since the e-learning content consist of many subject matter from different discipline. We need to establish the e-learning Content developer group . The member of this group are the teacher or Trainers from several Difference Institution. To facilitate the communication and coordination among the group members, the computer Network should be setup.

SMK

Collage

Company

Industry

TC

SMU

Polytechnic

Content's

TEDC Bandung

SMP

SD

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Testing Center facility realization

TEDC
Bandung

METI

AEN

JICA

Japan Radio
Co (JRC)

SMK Teacher
as Technician

Network Development on the East Indonesia

Direct Connection to Satellite

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"Teknik Digital" Overview

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Digital Trainer Overview
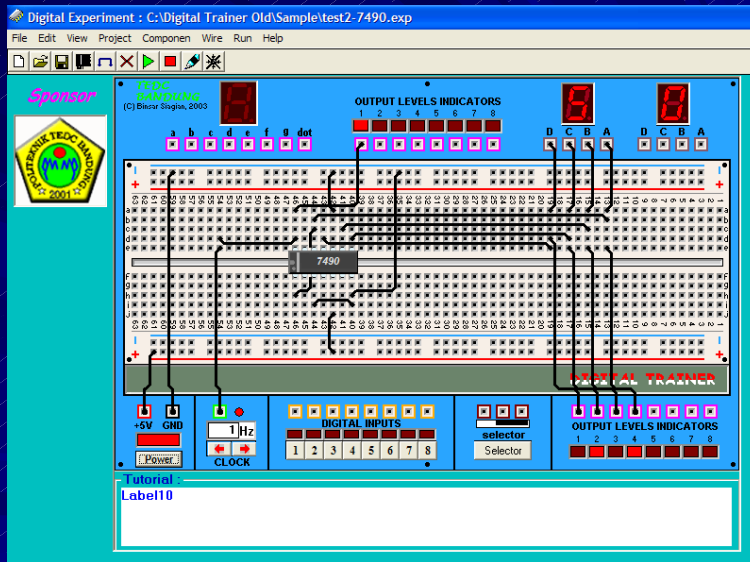
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Typing Tutor Overview

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Thank you for your Attention !

Presented on December 11, 2003

by

The Asia e-Learning Network Conference 2003,

Ariake Washingthon Hotel, Tokyo

Binsar Siagian, TEDC Bandung Indonesia

The End.

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