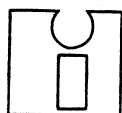


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WIPO-IFIA/SEL/02/16

ORIGINAL: English

DATE: December 2002



INTERNATIONAL FEDERATION OF
INVENTORS' ASSOCIATIONS



WORLD INTELLECTUAL
PROPERTY ORGANIZATION

**WIPO-IFIA INTERNATIONAL SYMPOSIUM ON
THE COMMERCIALIZATION OF INVENTIONS
IN THE GLOBAL MARKET**

organized by
the World Intellectual Property Organization (WIPO)

and
the International Federation of Inventors' Associations (IFIA)

in cooperation with
the Korean Intellectual Property Office (KIPO)

and
the Korea Invention Promotion Association (KIPA)

Seoul, December 4 to 7, 2002

TECHNOLOGY TRANSFER THROUGH ONLINE DATABASES

*Document prepared by Dr. Maripaz Perez, Assistant Secretary,
Department of Science and Technology (DOST), Manila*

The Philippine Research, Education, Government Information Network (PREGINET)

<http://preginet.asti.dost.gov.ph>



PREGINET

Nationwide broadband network for research and education institutions involved in the development and demonstration of new technologies, services, and applications with connectivity to international research and education networks.



Partnerships

Research Institutions

- Networking Technologies
- Multimedia
- Internet over Satellite



Government Agencies

- E-Governance
- Conference Meeting
- Earth Monitoring and Disaster Mitigation



Schools and Universities

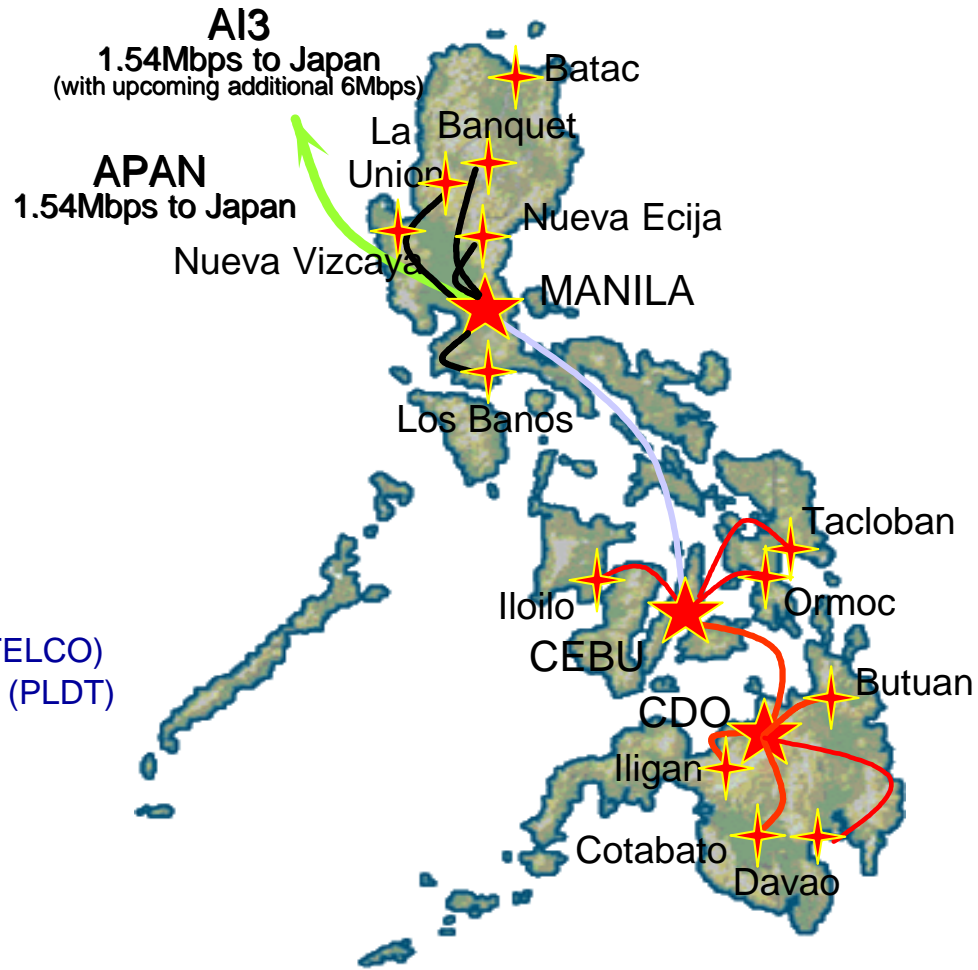
- Distance Learning
- Telemedicine
- Bioinformatics
- Digital Library
- Agriculture



Current Status of PREGINET

3 Exchange Points
16 Access Points

- 256/512 Kbps Frame Relay (TELCO)
- E1 (2.048Mbps) Frame Relay (PLDT)
- E1 (2 Mbps) (DOTC-TELOF)



Partnerships

- DOST
- DOTC
- NTC
- TELOF
- DTI
- NEDA
- CHED
- TESDA
- BAR
- BIR
- Regional Information Technology committees
- Telecommunications Carriers (Telcos)
- Internet Service Providers (ISPs)
- PLDT-Mabuhay
- CVISNET
- DOST-SEI
- House of Representatives



(Partial List)

- UP System
- Philippine Science High School System
- Benguet State University
- University of Baguio
- DMMMSU
- MMSU
- PhilRice
- CLSU
- University of San Carlos
- Bicol University
- WVCST

Partnerships

- UP Open University
- MSU-IIT
- Leyte State University
- Cebu Institute of Technology
- University of Southern Mindanao
- Mindanao Polytechnic State College
- Central Visayas Polytechnic College
- Ateneo De Zamboanga
- Leyte Institute of Technology



Services

Web hosting

Hosting of the official websites of the members of the League of Provinces in the Philippines (LPP) (total of 79 provincial governments)

21 provincial websites are currently fully operational examples are:



- www.abra.gov.ph
- www.misocc.gov.ph
- www.davaosur.gov.ph



Applications

· **Distance Education** activities proposed by partner institutions over the PREGINET Network:

- **PSHS** campuses: Establishment of the E-Based Academic Community (Digital Library, Globe Program, CISCO Networking Academy Program)
- **USC**: Electronic Repository of HEI Researches
- **DOST-SEI**: Scholarship Program and Administration System (SPAS)
- **MSU-IIT**: Distance Learning Modules
- **UPOU**: Distance Learning Programs
- **DMMMSU**: Databank Research System

Applications

Bio/Medical Informatics

- Hosting/Mirroring of Gene Sequence and Protein Databanks from Biomirror Network (<http://bio-mirror.asti.dost.gov.ph>)
 - This databanks amounts to more than 100GBs and increasing to about 2GBs per month (<http://bio-mirror.asti.dost.gov.ph>)



Agriculture

- Processing data from satellite for Crop Forecasting and Land Mapping thru Remote Sensing
- Facilitation of the Agriculture Working Group Meetings

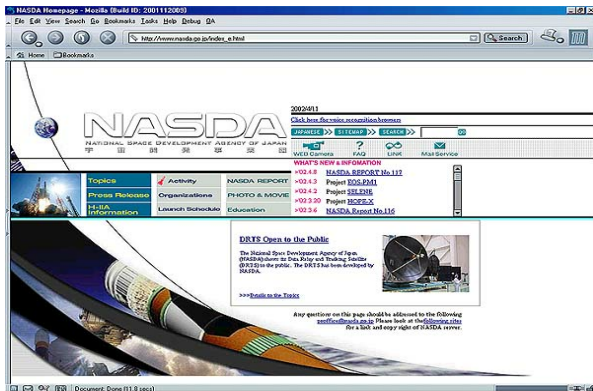
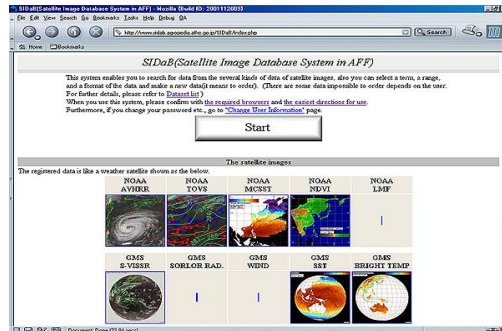
· 1st Meeting attended by **DA, UPLB, PCARRD, DENR, PAGASA, ASTI, PHnet**) with the participation of Japan's Nat'l Agri Research Council and APAN Agri Working Group



Applications

Earth Monitoring and Disaster Mitigation

AFF Satellite Images Database System (SIDaB) (<http://sidab.affrc.go.jp>)



National Space Development Agency of Japan (<http://nasda.go.jp>)

Videoconferencing Events



IT-Confab Japan
EduConfab2002

ASTI-Cadence Training

ASTI-Eagleware Training



Barangay.net Launching

DENR-EMB and Thai
Ministry of Environment

PCHRD's 20th Anniversary

Philippine Agriculture Working Group with
APAN/MAFFIN (Dr. Ninomiya and Dr.
Eguchi)

Masteral thesis defense

Videocon and videostreaming
demos during ASTI Week



Simulcast videocon during
PCARRD's anniversary

Videocon and videostreaming
demos during ASTI Week

Virtual Lab Tour with UP-Cebu

UPOU videocon classes with UPOU
Cebu students



Philrice Videocon with Ohio State University and
Pennsylvania State University

Applications

WOMEN INTO THE NEW NETWORK FOR ENTREPRENEURIAL REINFORCEMENT (WINNER)

- Currently operational in Albania, Bangladesh, China, Ecuador, Nepal, Philippines, Romania, and Zimbabwe
- Seeks to strengthen the practical and technical skills of women entrepreneurs through the application of information and communication technologies
- Builds the capacity of partner organizations to provide business development services to women entrepreneurs



Department of Science and Technology

WOMEN INTO THE NEW NETWORK FOR ENTREPRENEURIAL REINFORCEMENT (WINNER)

·To ensure access to technologies has established 10 Help Desks in participating countries

·Launched Electronic Market Space
(www.winner-devnet.org)

·showcases products and services of women entrepreneurs

WINNER PHILIPPINES

·Established in September 1999

·Accomplishments

- trained over 600 women entrepreneurs on e-commerce, international trade and enterprise management
- established three (3) Help Desks serving as hubs for continuing training and other services

WINNER PHILIPPINES

·Website launched in February 2002 (www.winner-tips.org) featuring “virtual” offers of products and services of women entrepreneurs

·Priority activities

- actual market encounters
- adopt learning-teaching tools to local conditions
- expand geographical coverage
- strengthening institutional and organizational linkages

WOMEN INTO THE NEW NETWORK FOR ENTREPRENEURIAL REINFORCEMENT (WINNER) PHILIPPINES

[http:// winner-tips.org](http://winner-tips.org)

MR. BENJAMIN H. MILANO

**Devnet / Tips – Winner Philippines
3rd Floor, Dep't. of Foreign Affairs Bldg.
2330 Roxas Blvd., Pasay City, Philippines
Tel. No. (632) 832-7595 / 834-4611 / 834-3224**

 **Department of Science and Technology**

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**·Developed by the Technology Application and Promotion
Institute (TAPI), DOST**

·Showcases the inventions of Filipino inventors



·Established in May 1990

·Orders received from

- | | |
|----------------------|---------------------|
| -Jordan | - Nepal |
| - USA | - Greece |
| - Pakistan | - Yugoslavia |
| - Canada | - Lebanon |
| - Malaysia | - Alaska |
| - West Indies | - Costa Rica |

COMMON PROBLEMS MET

- **Lack of / limited access to transaction tools for e-commerce;**
- **Poor / absence of Internet infrastructure in far flung areas;**
- **Small volume orders increasing marketing costs;**
- **Lack of trained manpower on electronic based transactions.**

CLEANER PRODUCTION HOMEPAGE

[http:// cptech.dost.gov.ph](http://cptech.dost.gov.ph)

ENGR. REYNALDO L. ESGUERRA

**Program Manager
IPCT / ITDI – DOST**

**Gen. Santos Ave., Bicutan, Taguig
Metro Manila, Philippines
Tel. No. (632) 837-2071 loc 2274**

***THE CHALLENGE IS TO HARNESS IT AS AN
EFFICIENT AND EFFECTIVE TOOL FOR
TRANSFERING TECHNOLOGIES***



THANK YOU !