WIPO High-Level Forum on the Global Intellectual Property
Infrastructure for Promotion of Innovation
Organized by WIPO in cooperation with Japan Patent Office
March 1 and 2, 2010
Tokyo, Japan

Theme Three: Promotion of Innovation – Friendly
Environment, Roleof IT and Standards; Leveraging IT to
Expand Acces to IP Databases, Use of Common Standards and
Best Practices to enhance efficiency of the IP Systemto
promote innovation

Yo Takagi, Assistant Director General,

Global Infrastructure, WIPO

Encouraging creativity and innovation

WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION

Global Infrastructure

WIPO's New Strategic Goal:
"Coordinate and Develop Global Infrastructure"

Introduced in 2009 to support WIPO's mission;
Encourage innovation and creativity for
development and prosperity

WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION

What is Infrastructure of Intellectual Property?

Road?

Railway?

Bridge?

Office Building?

Infrastructure of Intellectual Property is <u>not</u>

hard infrastructure like these.

Encouraging creativity and innovation

WORLD INTELLECTUAL PROPERTY ORGANIZATION

What is Infrastructure of Intellectual Property? (2)

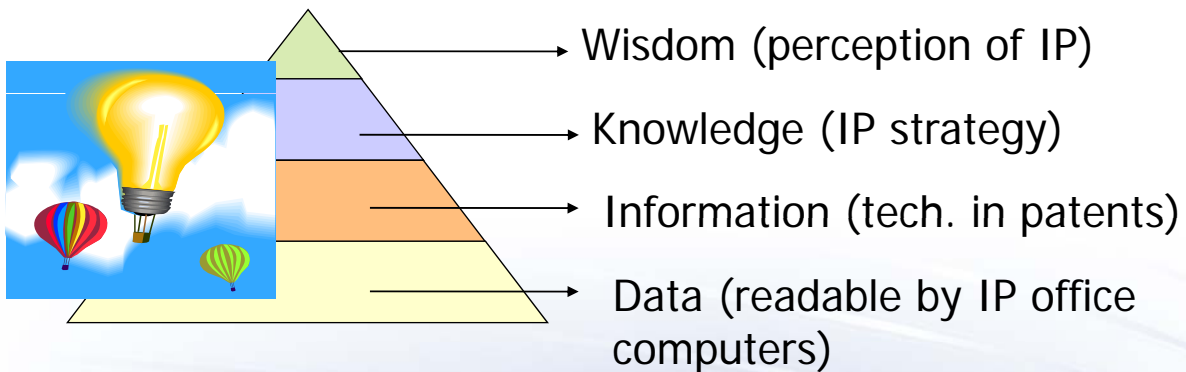It is soft Infrastructure for sharing IP knowledge like networks/databases.

WORLD INTELLECTUAL PROPERTY ORGANIZATION

What is IP Kowledge?

"IP Knowlege" which consists of IP Data and Information

Wisdom (perception of IP)

Knowledge (IP strategy)

Information (tech. in patents)

Data (readable by IP office computers)

WORLD INTELLECTUAL PROPERTY ORGANIZATION

Why IP Knowledge helps innovaiton and creativity?

➢ scientists, engineers, business and investors in many countries have limited access to IP knowledge and do not fully participate in glboal innovation activities

➢ national IP infrastructure exists without connected glboally and blocks the flow of IP knowledge

➢ Efforts to create a common platform just began

➢ Global infrastructure needs to be based on common and standardized institutions and tools to make IP knowledge flow

➢ Fluid IP becomes more important than stock IP

Encouraging creativity and innovation

WORLD INTELLECTUAL PROPERTY ORGANIZATION

How to build Global Infrastructure?
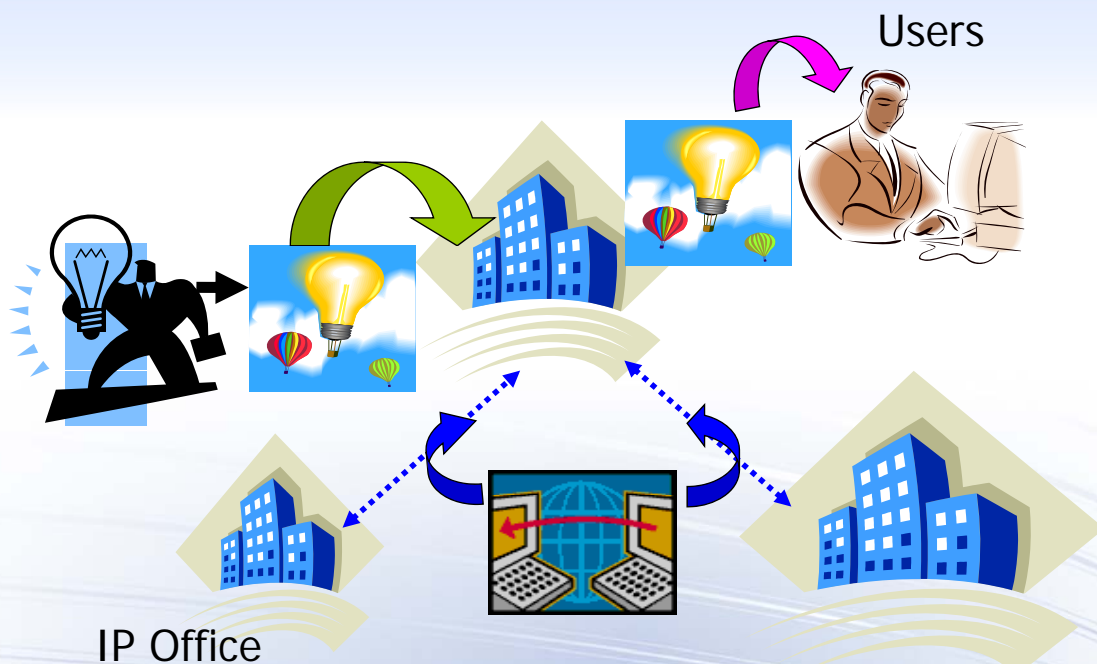
Structure of Infrastructure

IP Information

Knowledge

Work Plans/Implementing Agreements
(e.g., MOU by participants)

Content supported by Common Tools/Platforms
(Databases, Networks, Security control, Language tools)

Technical Institution (IP Offices, Technology Innovation
Support Centers, Int'l Classifications, WIPO Standards)

3 Layers supporting each other

**WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION**

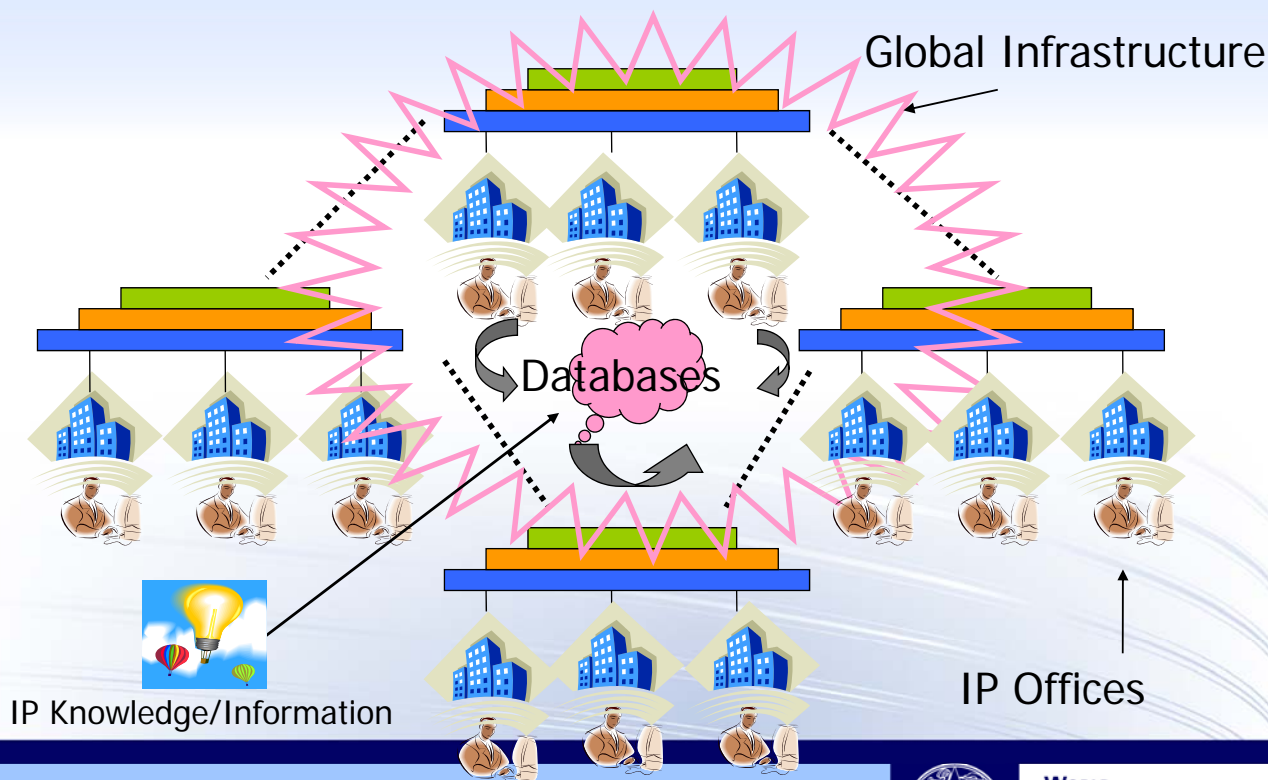# How Infrastructure can create and flow IP Kowledge/Information?

Users

IP Office

Encouraging creativity and innovation

**WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION**

How national Infrastructure will create global Infrastructure?

Global Infrastructure

Databases

IP Knowledge/Information

IP Offices

WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION

Roadmap to Global Infrastructure

National IP infrastructure building;
WIPO's role is technical assistance &
capacity building

Global IP infrastructure Building;
WIPO's role is coordination

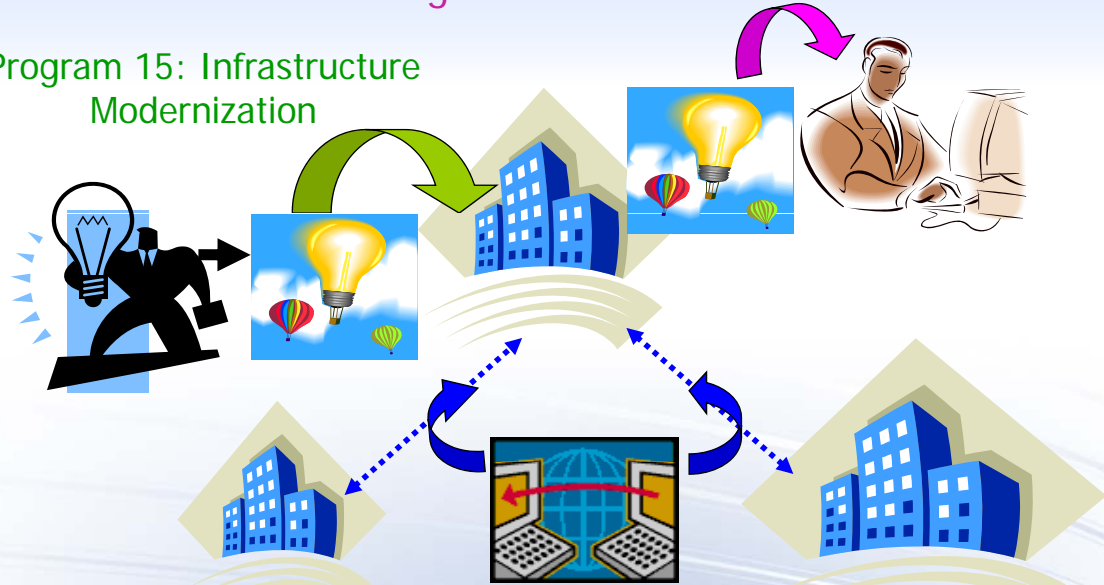| Step 1	Step 2	Step 3	Step 4	Step 5
Basic automation of workflow at IP Office	Generation of national IP data in digital form	National networking for use of IP info.	Int'l networking among IP offices	Global work share and access to IP info.
IPAS software	Digitization software	TISC, aRDi, Patent Landscape	Int'l Class., ST, DAS	Links to WIPO Premier services, ICSEI, World IP DB

WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION

Global Infrastructure – Programs Relations and Vision

Program 14: Global IP Information Service

Program 15: Infrastructure Modernization

Programs 12: International Classifications and WIPO Standards

Encouraging creativity and innovation

WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION

Thank you!

www.wipo.int/global_ip/en/

WORLD
INTELLECTUAL
PROPERTY
ORGANIZATION