



International
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Indonesian Private Sector Experience & Recommendation:

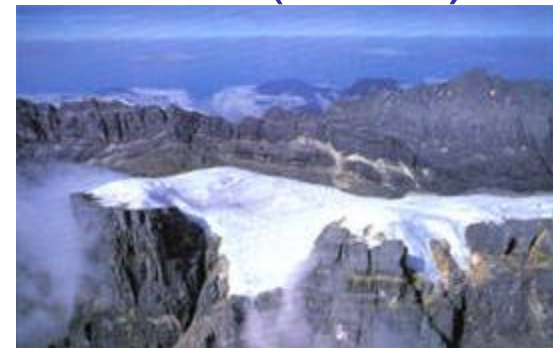


Multipurpose Community Internet Center

Rudi Rusdiah

**Association of Community Internet Center
APWKomitel**

Indonesian ICT Coordination Team (TKTI)



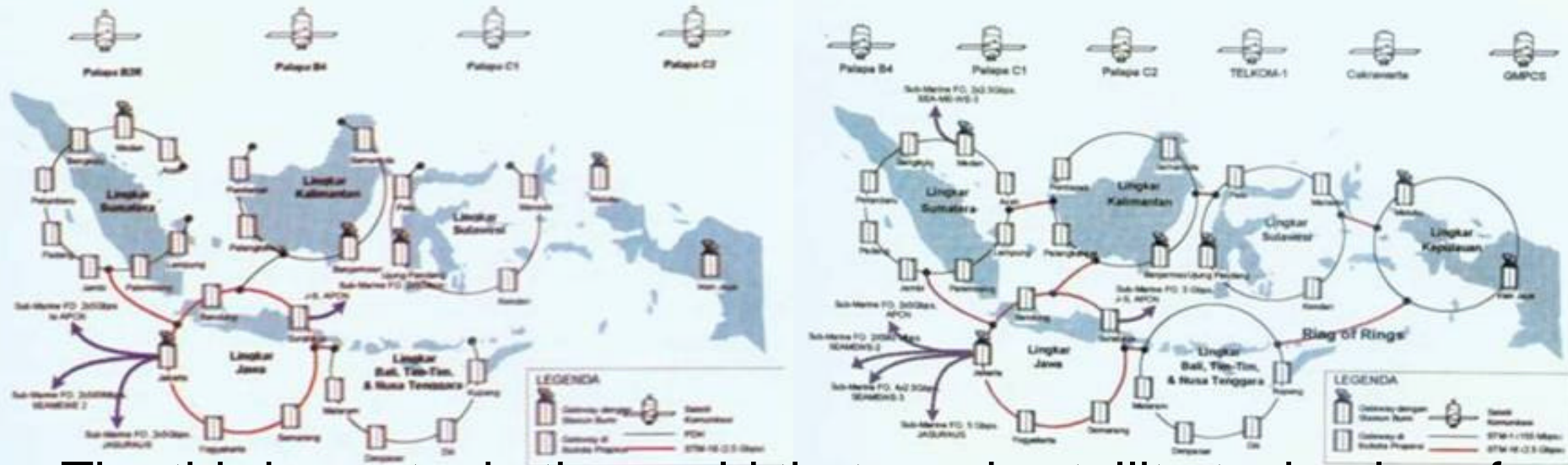
MoCI

Geography Facts:



- Today **220 million populations (2004)**. It has 33 provincial government, 268 regencies, 4,044 districts, **69,112 villages(locality)**. More than **70% of the area are water**, **17,000 islands in three time zone**
- **Urban Area: 13,472 villages(20%) & 86 millions populations (42%)**
- **Rural Area : 55.634 villages (80%) & 119 millions populations.(58%)**
- **USO Data: 43,022 villages (61%) still left unwired (no voice telecom line... most lack of electricity)...but within the footprint of satellite (D.G Postel)**

ICT Infrastructure indicator:



- The third country in the world that used satellite technology for communication infrastructure among islands, provinces and regencies...because it is the only way to cover the Nation.
- Broadband (ADSL, Cable TV) available only in big capital cities. In rural area VSAT is the only solution (100,000 VSAT)
- **Computer density 3% (4.8 million PC)**
- **Fixed Telecom: 4%, Cellular/Mobile: 14% (30 millions)**

**Infrastructure is scarce
Government still focus
on re-engineering**



Internet & PIAC Indicator

- Internet Subscriber = 1.8 millions (1%).
- Internet User = 12 millions (6 %). **Ratio: 6 : 1**
- % use of Public Internet (cyber café) = 42% , Office sharing 40%.
- Outdoor Wireless (OWLAN) Link 2.4Ghz distribute bandwidth in some remote cities (4,000+ users) remote urban (no terrestrial telecommunication)
- Indoor Wireless LAN or Hotspot in busy urban (hotel, malls, café & university) 100 +
- **Warnet or Cyber Café = 4,000 unit & Wartel or Public Telephone = 220,000unit in urban cities. (Private Sector initiative)**
- **Warposnet (Post Office internet access) 100 locations**
- **Library/CD +PC access = 20 locations (warintek)**
- **Government rural internet-center = 4 locations (ie: ePabelan).**
- **USO program in 2004 =3990 locations Telephone satellite (voice only) & 45 VSAT . Government USO focus in rural area no telecom infrastructure.**

Government can only handle rural, Private sector focus in urban cities.

Private sector contribution in urban is very strategist

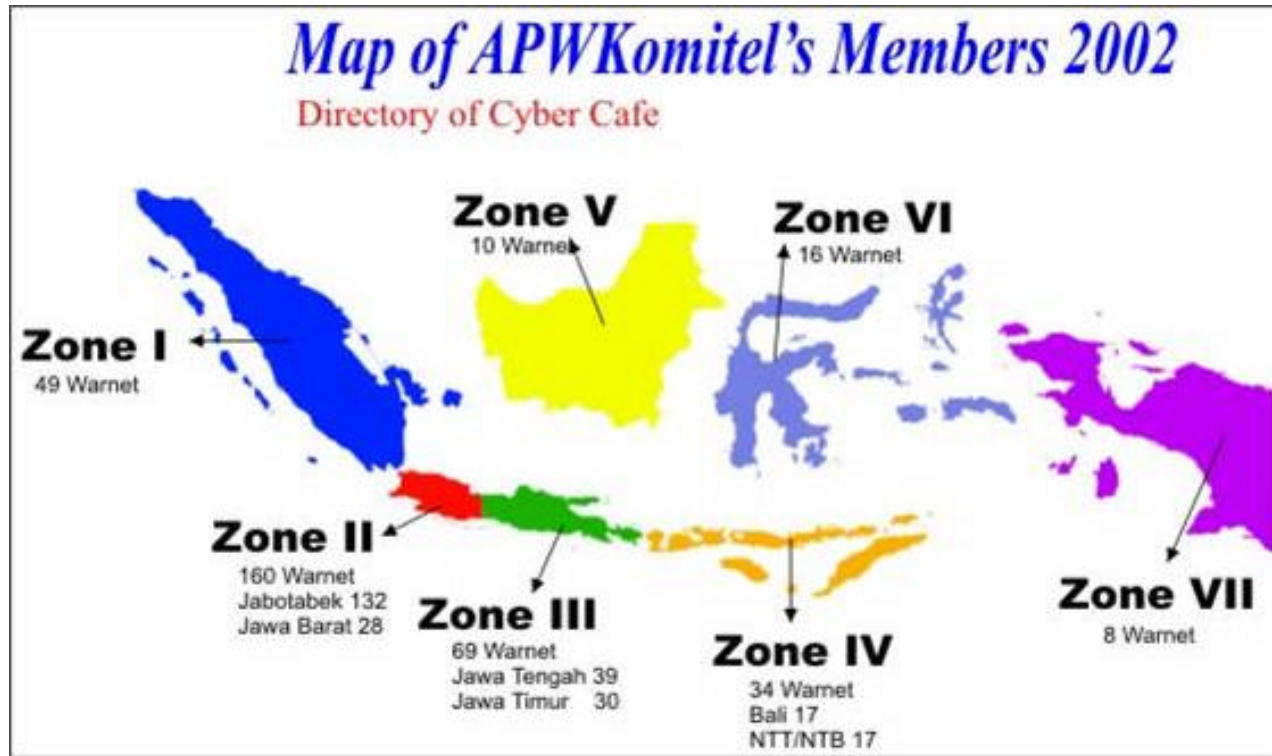
Private Sector Agenda

Private sector (SME) lead some initiatives:

1. **Private sector activity & development of the “PIAC” industry.** Association facilitate SME member thru collaboration & better communication with Government & SME
2. **PPP (Public Private partnership) PIAC (CAP)**
Participate in Government working group on :
Coordination (member of coordinating team TKTI) , Working Group on Infrastructure (CAP/OSOL) and Regulatory Framework (2.4ghz WLAN licensing, cyber law etc).

Mapping of Internet Café in Indonesia – Directory of Internet Café

1/3



idea of:
Always On
&
Near On

If western countries have ‘**always on**’ infrastructure with mobile phone Technology & mobile Internet access

Our dream/vision with this Community Center Directory is : “**near on**”, where ever you travel in Indonesia cities, you can find closest cyber café
The idea can be extended to any developing countries...forming global Information society network... We recommend this to Mexico workshop

Mapping of Internet Café in Indonesia – Directory of Internet Café

3/3



Directory & Database
Internet Centre,
Hotspot, MCI Center
In Indonesia
October 2003





APW KOMITEL

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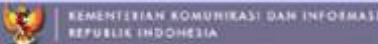
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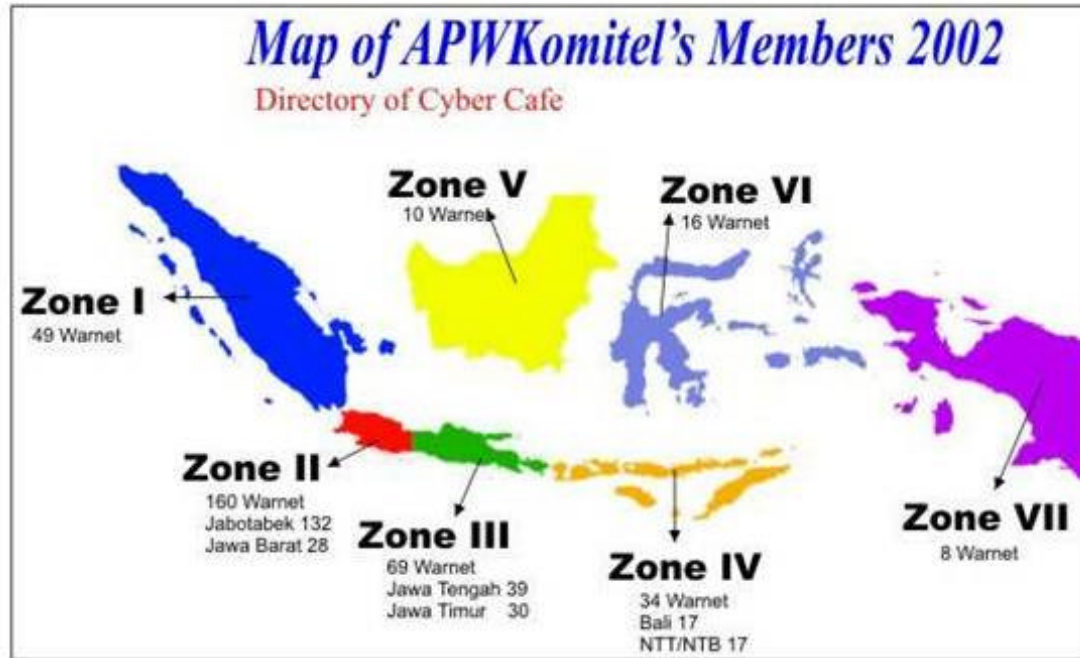
[Indonesia Gateway](#)



ISOC-ID.ORG



Please Click Zone I - VII below to access the directory of Cyber Cafe / Warnet



What is APW Komitel ?

APW Komitel is a nonprofit business association. The member consist of cybercafe or warnet, game center, ebusiness center, community center, hotspot, school warnet.

The member of APW is the owner or entrepreneur that operate Internet access center for the community. Currently we have 400 member warnet

What is our vision ?

Value Added Internet access and applications to the Community by the private sectors and Sustainable business and condusive industry for our members.



world summit
on the information society
Geneva 2003 - Tunis 2005

WSIS

[World Summit on the
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[Asia Pacific Economic
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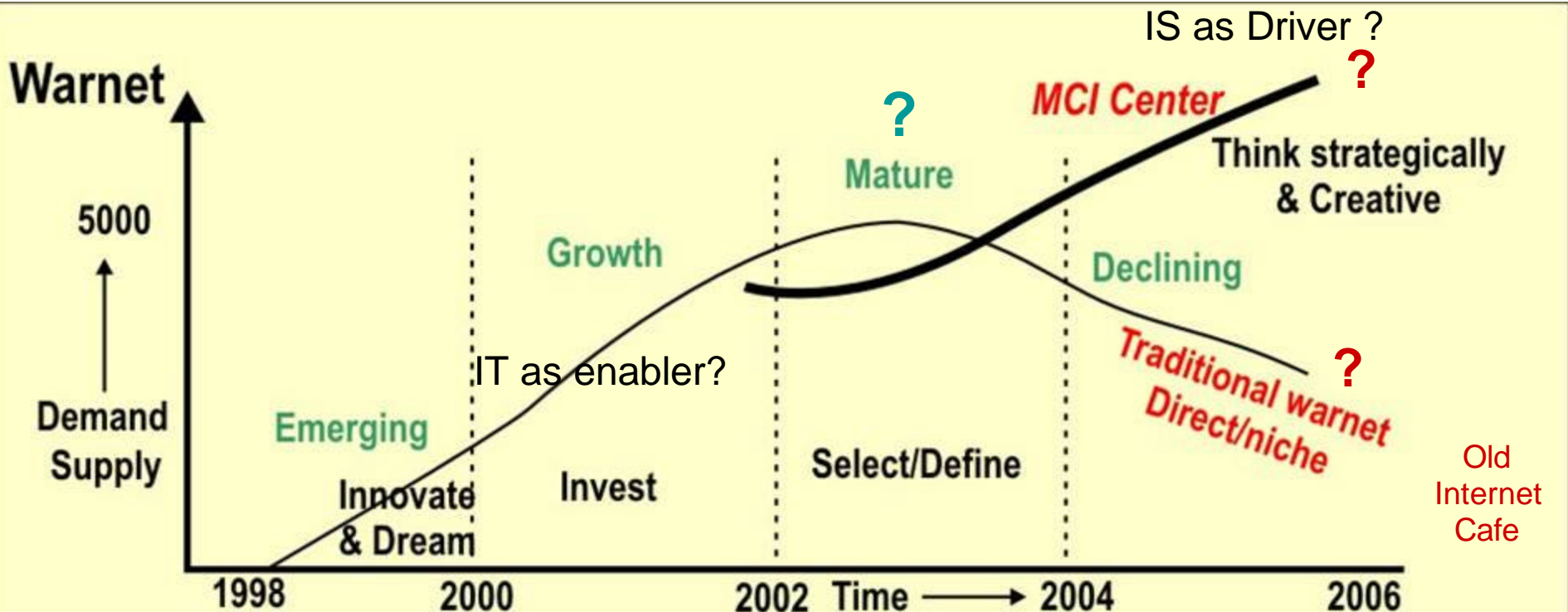
[ITU Telecom Asia 2002
Hongkong 2-7 December
2002](#)



[Great Mekong Sub Region
AIT Bangkok](#)



Why APWKomitel need industry vision & strategy?



Emerging Growth Mature Declining or Reengineering
← (Demand Unknown) Demand > Supply Demand < Supply ? →

“ (“Internet Hype”)

Introduction Of internet & warnet start to grow

“ (“Warnet Hype”)

Warnet grow every where In the big city at high rate by young SME

“ (“Survival of the fittest”)

Many warnet start to close down (exit the industry), but some still survive

(Think strategic & Create the future)

Association APWKomitel start to introduce the Concept of MCI Center. Competing and Supplying Internet Services based on Value, not Low Cost Niche Market Strategy (Community) and Value Proposition

Demand = 42 % of Internet user from public internet access

Why MCI CENTER as industry vision(model)?

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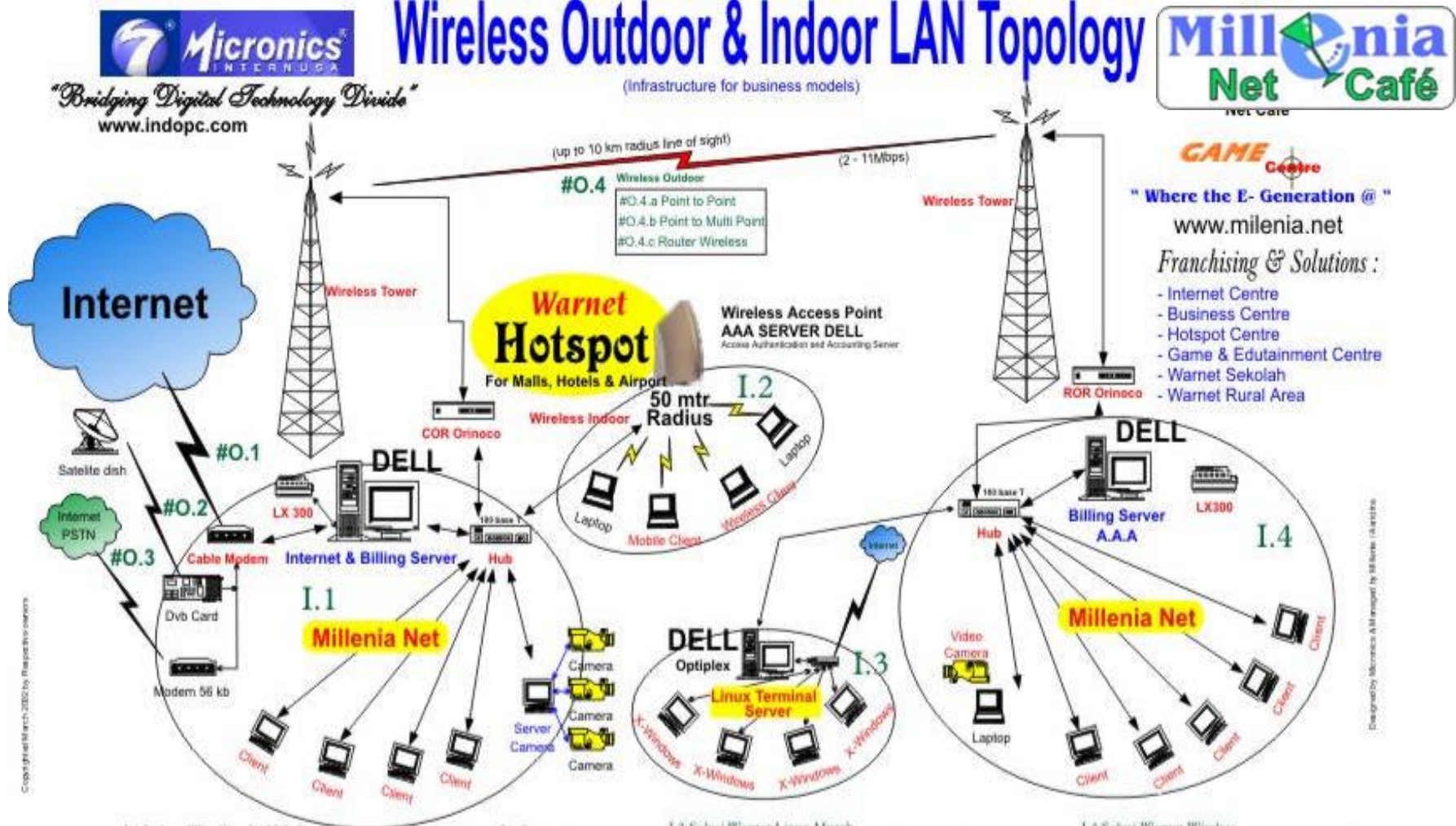


Competency Analysis of The Public Internet Center Industry



MoCI

Warnet (*cybercafe*) depends highly on IT infrastructure : Operational Excellence : Quality of Service (Q.o.S) & Service Level (SLA)



Business model Warnet / CAP/MCI Center

VALUE/PRODUCT PROPOSITION TO COMMUNITY



Game Center
Game Online



Warnet Rural
Area (West Papua)

MOU Open University on
Distant learning in remote
Cities (200,000 student)



Elearning Center
Edutainment Center



Warnet
container/mobile



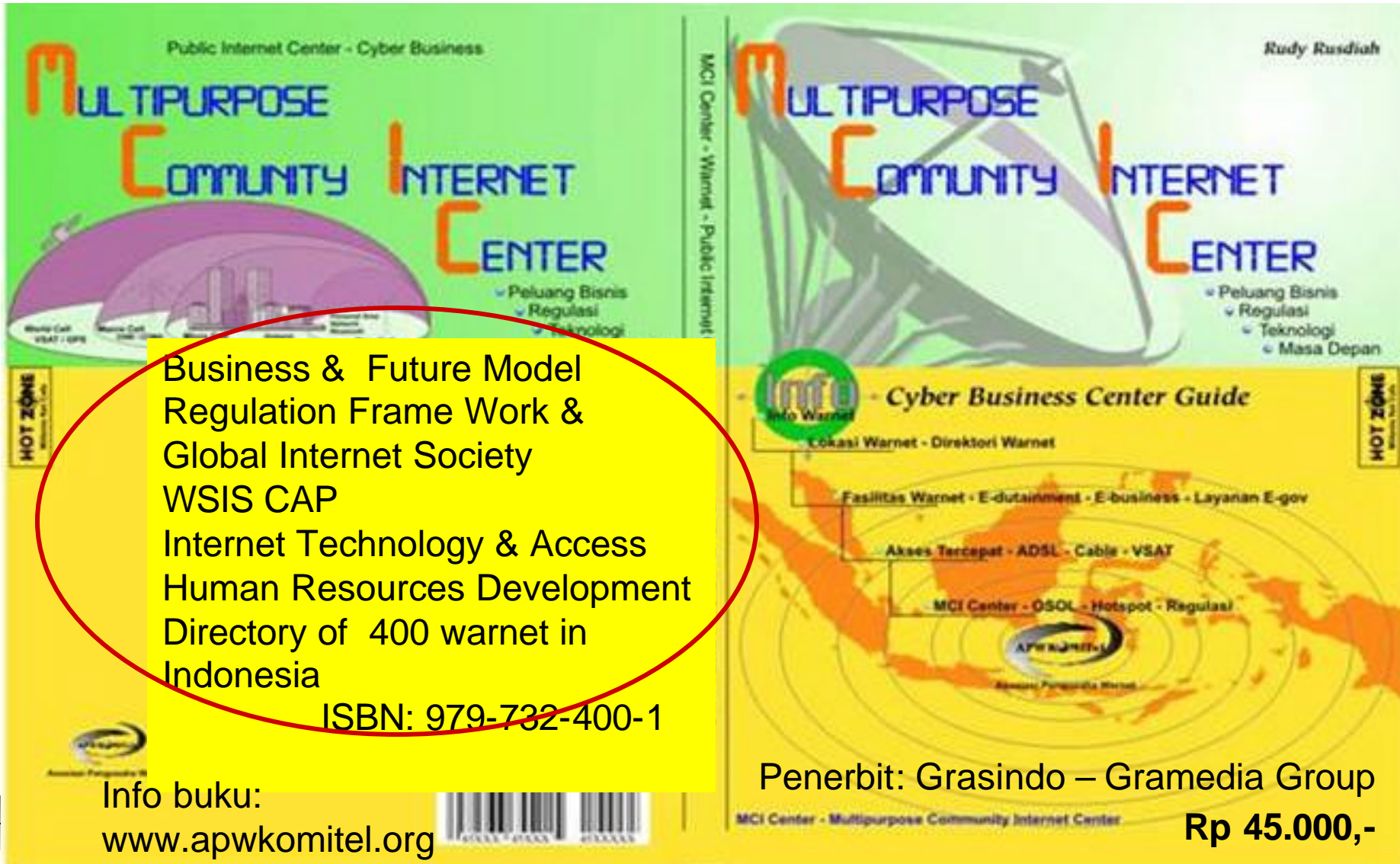
Warnet OSOL (School cyber-cafe)



E-business /E-traveler
application ?



Reference Book published by APWKomitel: Business model & Directory warnet



2.

PPP (Public Private partnership)

CAP (Community Access Point)
building community internet center

Edutainment – education & entertainment



PASARAYA
Grande



OSOL – One school
One Lab PC.
Pilot Project with
MoCI = 8 school



**M.O.U between our association and “Open University”
Making warnet/cybercafe as ‘virtual class room”**

M.O.E initiated
project 2,000 school
with internet access

Remote Town Warnet in West Papua

Papua is the biggest island in the world Located in the most East part of Indonesia



The Wilson expedition required 14 canoes and 44 Kamoro paddlers to haul the men and their supplies up the Mawati River to the beginning of the highlands.



\$716 million in capital investment, which included bringing these large pillar trucks to Irian Jaya, was required to bring Grasberg into production.



The Grasberg mine is in one of nature's most impressive settings. The long lens used in this stunning shot artificially compresses the distance from the mine to the glaciers.



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Conclusion/Recommendation

- Directory of Internet Center is important to facilitate 'near on' to developing countries and toward vision of **WSIS declaration**. Important for future development of **Global Information Society** or Community.
- Recommend this **network of directory** be adopted globally, besides making Global measurement ?
- Translation of our **MCI Center publication** in English & other language (sharing business plan, regulatory framework, infrastructure/technology even future strategy relating to WSIS declaration and plan, if facilitate by any institution).
- SME always regarded as important in many Government/Donor documents, **unfortunately during implementation, small players are the most forgotten party.**
- **Global measurement often neglect Private sector participation** (ie: Measurement focus on DCC, government led initiative, where private sector involvement is neglected). Ie: Mexico strong government drive PIAC compared to Indonesian Private sector drive PIAC especially in urban.
- Public Private Partnership (PPP) in Indonesia is still Private sector initiative/drive in the urban area. Looking forward for closer collaboration PPP in the future locally and globally.



Thank you for
your attention



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For more info, contact:



APWKOMITEL

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Model Supported by:



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