

National Policy for Internet Address Resources ('09-'11)

– IPv6 transition –

2009. 2.

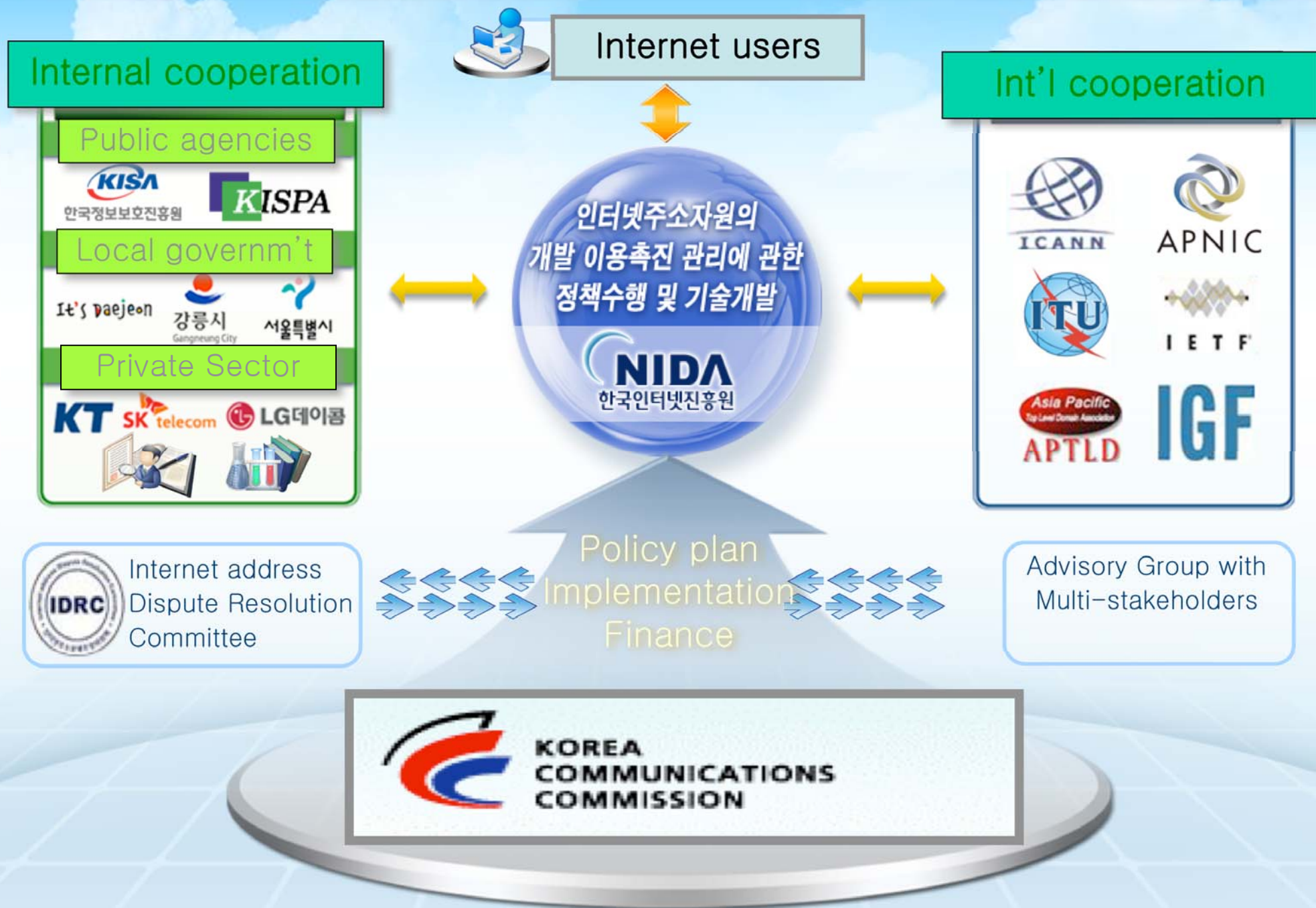
3-year plan for internet address resources

▶ Legal ground

- ‘The Act on Internet address resources’ Article 5 (Formulation and implementation of national plan)
- **‘The presidential decree on internet address resources’** Article 2 (Formulation of national plan) : 3-year plan

- ▶ KCC (Korea Communications Commission) announced (’08.12.30)
“2nd 3-year national plan for internet address resources” (’09–’11)
 - Provide the framework for IPv6 transition
 - Promotion of diverse Internet Addresses (WINC, OID, etc)
 - National address management system (.kr, IDN, ICANN, internet governance, statistics, etc.)

policy development w/ multi-stakeholders



Provide the framework for IPv6 transition

Goal

구 분	2009	2010	2011	
Readiness for IPv6 Transition of Backbone Network (%)	100% until 2011			Recommendation
Readiness for IPv6 Transition of Public Institution (%)	50% until 2011			100% until 2013

Action Plan

- Joint Committee b/w Private and Public sectors
- Provide legal framework for IPv6 transition
- IPv6 transition plan for public institutions
- IPv6 support program for Private Sector
- Spread the recognition of IPv4 depletion
- IPv6 model business for portals, schools, small biz

Provide the framework for IPv6 transition

Joint Committee b/w Private and Public sectors

▶ IPv6 transition Committee

- consists of KCC, ISPs (private & public sectors)
- recommend to ISPs that backbone network be ready for IPv6 with dual-stack, and monitor the progress regularly.

Legal framework for IPv6 transition

- ▶ provide the legal framework for ISPs to be ready for IPv6 transition, if necessary

ex) ISPs are required to submit a status quo report of IPv6 transition

Provide the framework for IPv6 transition

IPv6 transition plan for public institutions

- ▶ IPv6 transition plan for public institutions w/ MOPAS, MOSF, etc.
 - after negotiation w/ Ministries, IPv6 will be applied one after the other in e-Government Network
- MOPAS (Ministry of Public Administration and Security)
- MOSF (Ministry of Strategy and Finance)

IPv6 support program for Private Sector

- ▶ Regular research on IPv6 status of the private sector
- ▶ support program for small-scale Content Providers
- ▶ Provide IPv6 guideline, tech. support to Private Sector

Provide the framework for IPv6 transition

Spread the recognition of IPv4 depletion

- ▶ Increase publicity activities on IPv4 depletion
 - IPv6 Summit, IPv6 Forum Korea, IPv6 Portal (vsix.kr), newspaper, etc
- ▶ Provide Education for minimization of trial and error
 - guideline, on/off-line education program on IPv6 implementation
 - training program for IPv6 lecturers

IPv6 model business for portals, schools, small biz

- ▶ Accumulate IPv6 implementation know-how
- ▶ Establish 'IPv6 transition support center' to control and manage IPv6 transition activities

We are developing yearly rolling plan.....

Coming soon!!

Thank you for your attention!