

ICT Standards and Intellectual Property Rights Workshop

TTA's IPR Policy

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TTA of Rep. Korea**

Geneva, 1 July 2008

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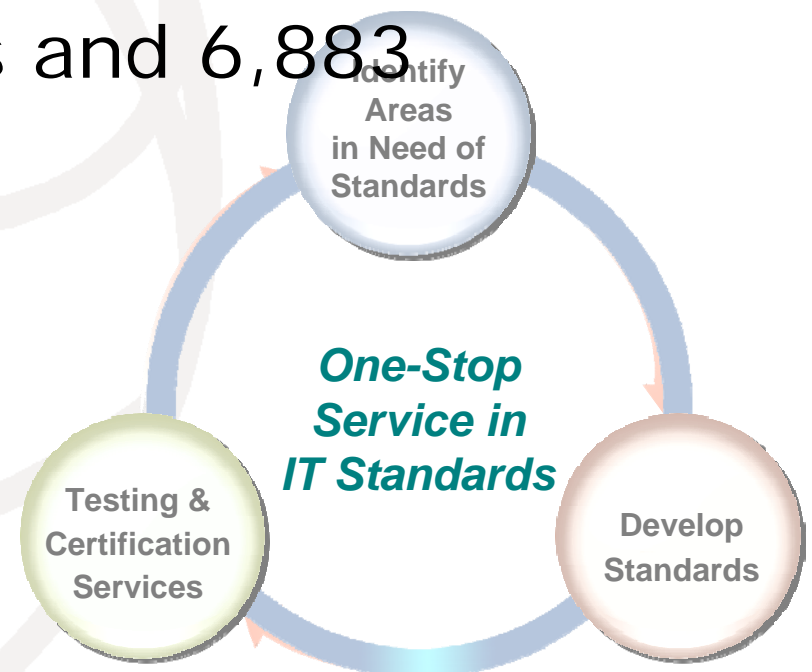
I. About TTA

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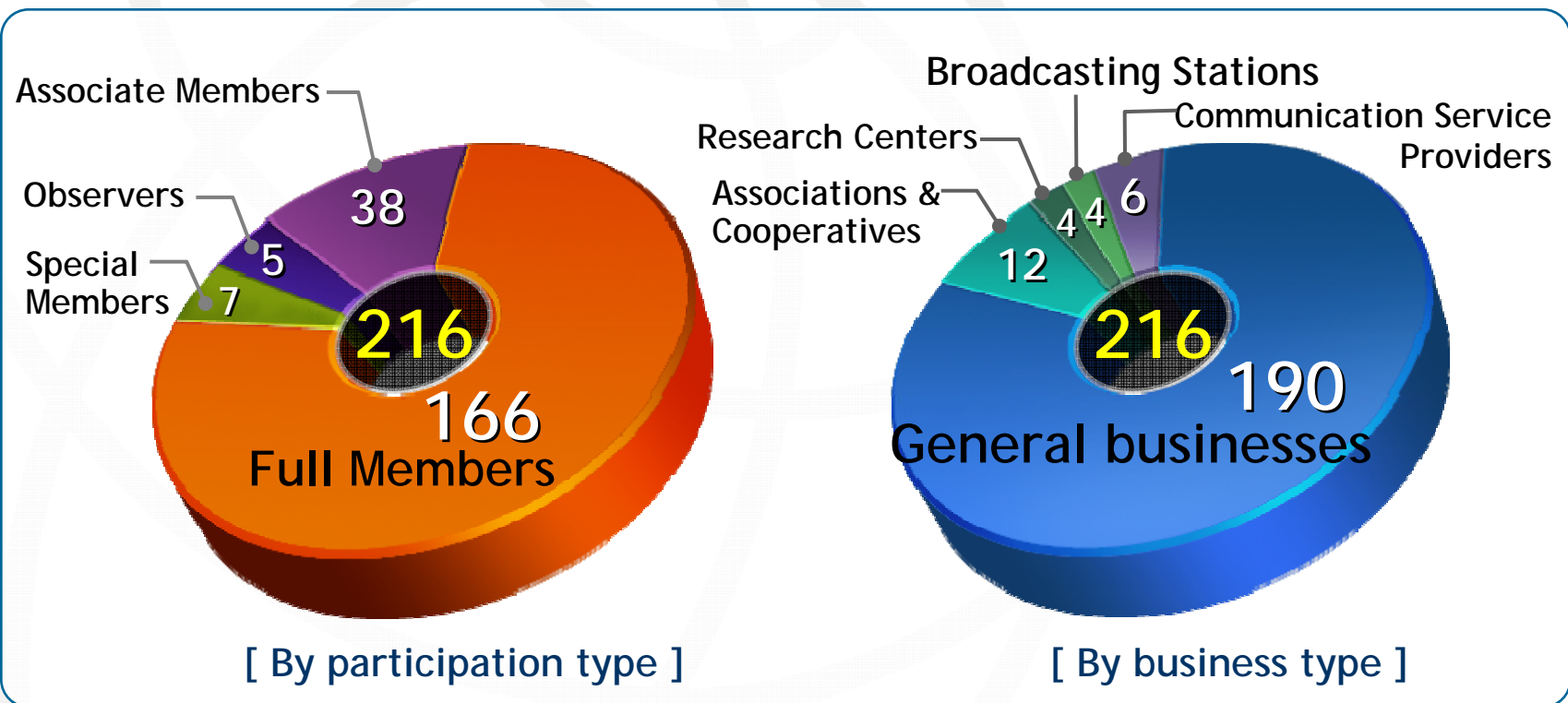
TTA is

- TTA is a non-governmental ICT standards organization that provides comprehensive, single-source suite of services for anything related to ICT standards as well as testing and certification for ICT products
- There are 216 members and 6,883 standards in TTA.

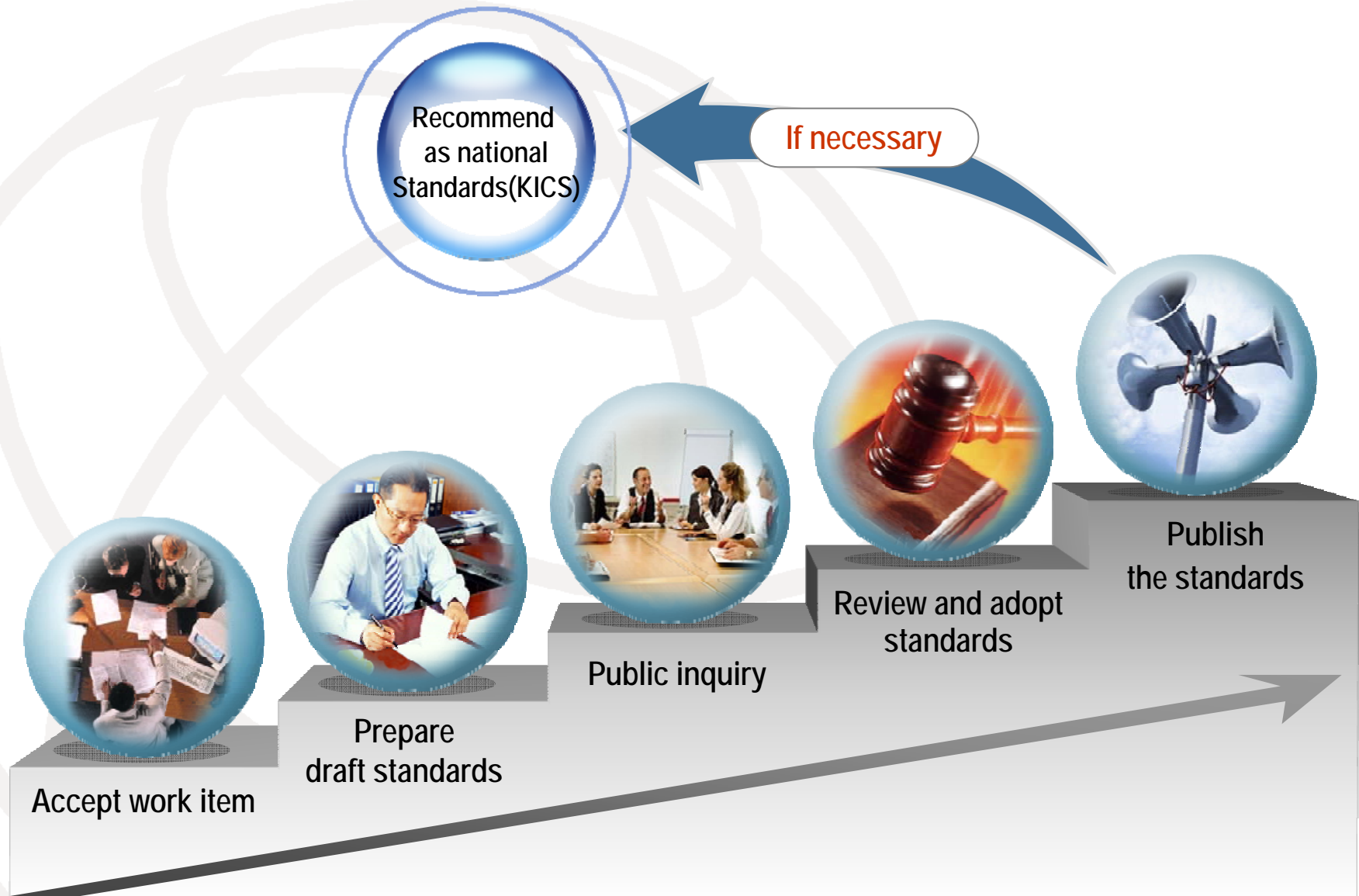


TTA Members

- There are 216 members in TTA



Standardization Procedures of TTA



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ICT Standardization Committee of TTA

Technical Assembly
The highest decision making organization of TTA in establishing standards

As of May, 2008

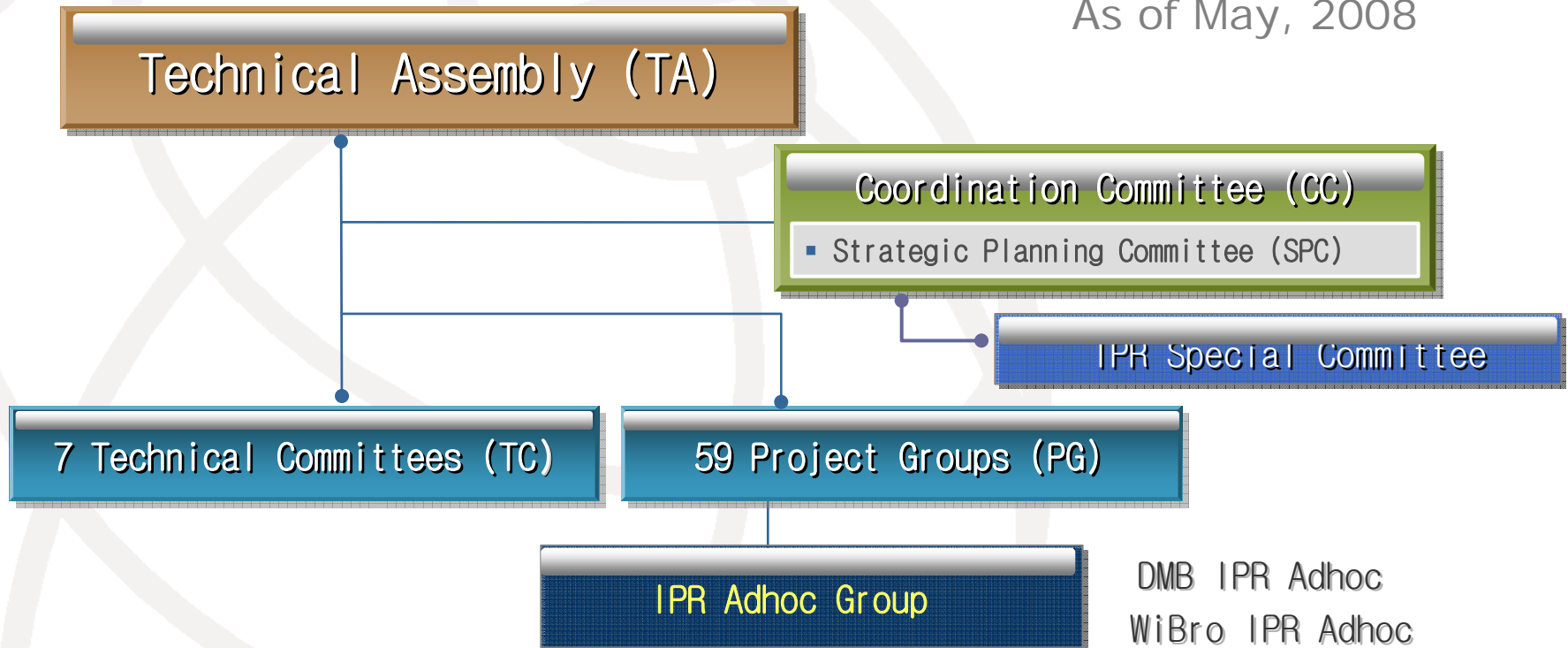
Coordination Committee

Strategic Planning Committee

/ Technical Committees (TC)	58 Project Groups (PG)
Telecommunication (TC2)	Optical Transmission, Optical Internet, Network Management, NGN, Signaling, VoIP, Charging & Interconnection, IPv6, Internet Address Resource (IAR), LAN, Digital Home, QoS, Grounding, Outside Plant, Ethernet, IPTV
Radio Communications (TC3)	WPAN, LBS, Radio resources, Telematics/ITS, RFID/USN, PPDR, WBAN
IT Application (TC4)	Multimedia, Electronic Commerce, Public Information, NGIS, Grid, Intelligent Service Robot, Distributed Resource Information Management, Post PC, Welfare Communication, SoC, SOA, u-Health
Information Security (TC5)	Information Security Infrastructure, Personal Information Security/ID Management, Cyber Security, Application Security/Assessment Authentication, Biometrics, DRM (Digital Rights Management)
Infra S/W (TC6)	Embedded S/W, Open S/W, S/W Component, S/W Quality Evaluation, WEB, MetaData
Mobile Communication (TC7)	IMT-Advanced, IMT WiBro, Mobile Platform and Service, WLAN, Cognitive Radio, VHO, IMT Evaluation
Broadcasting (TC8)	DMB, Digital TV, Digital cable, Data Broadcasting, Satellite Broadcasting

IPR WGs of TTA

As of May, 2008

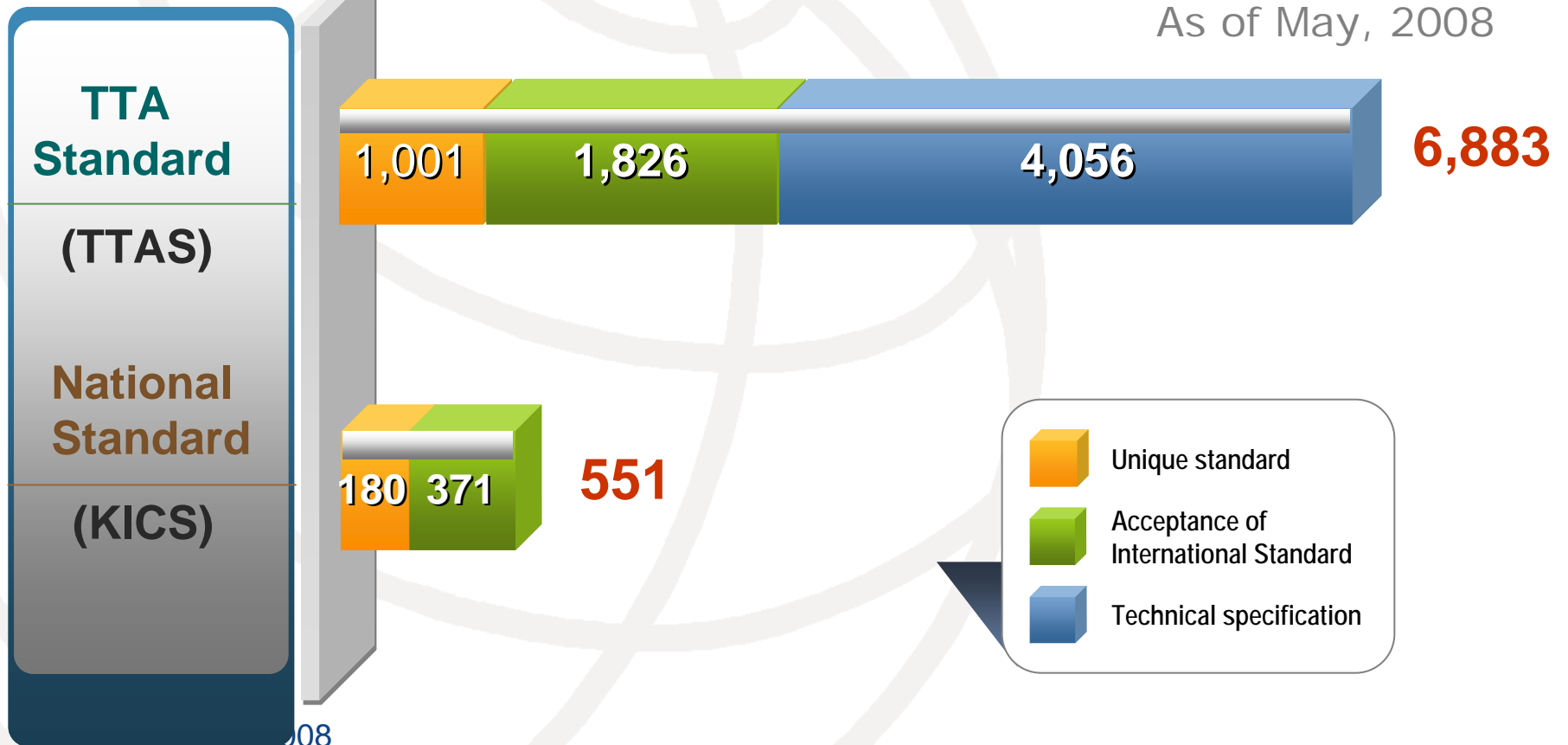


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TTA Deliverables

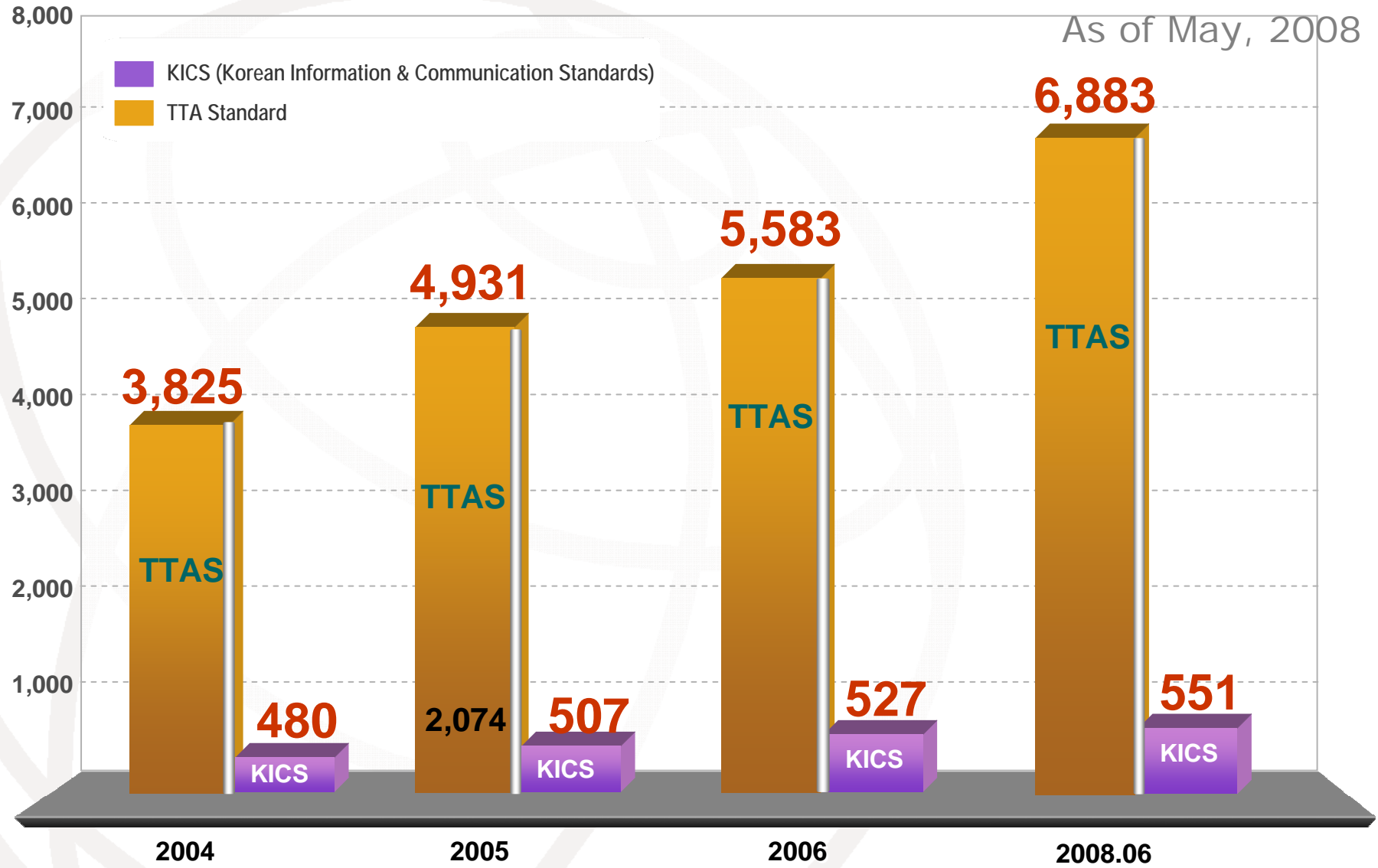
- There are 6,883 cases of TTA standards (including 3GPP Technical Specifications)

As of May, 2008



TTA Deliverables

As of May, 2008



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TTA IPR Policy (1/2)

- Proposed TTA Standard may include the use of patents.
- TTA IPR policy was adopted by TTA Technical Assembly in June, 2004
 - Implementation of “Guidelines for the Handling of IPRs relating to TTA Standards”.
 - Refer to <http://www.tta.or.kr/english> → Standardization → Rules of Procedures

TTA IPR Policy (2/2)

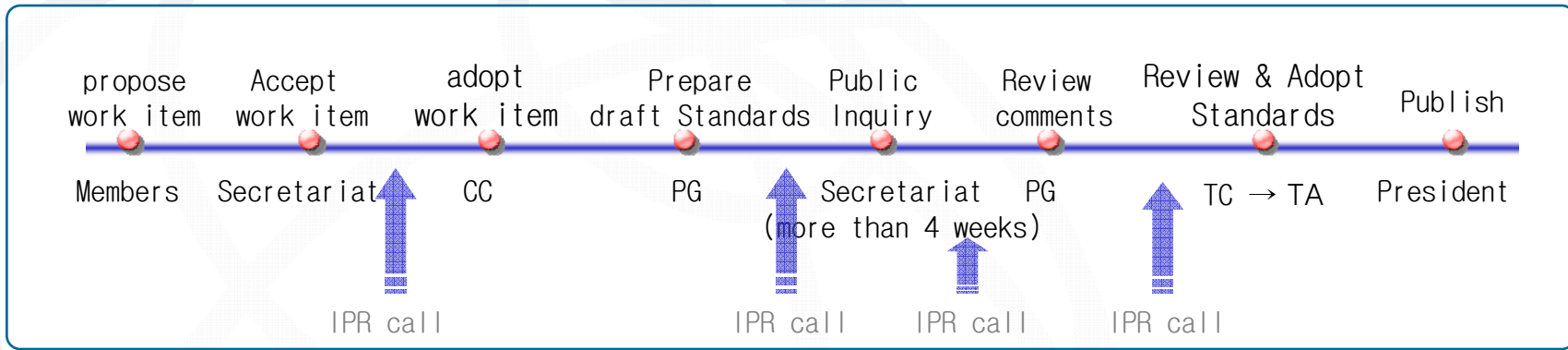
■ TTA IPR policy is

● Disclosure of IPRs

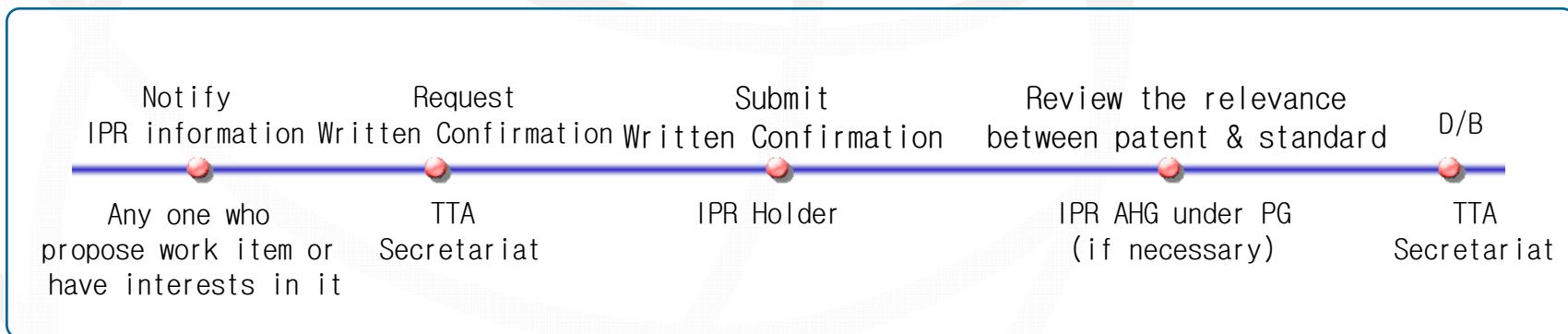
- Anyone proposing TTA standard or anyone having interests in it should, from the outset, draw the attention of TTA to any known IPR or to any known pending IPR application, by notifying relevant information to the President of TTA.
- Request for **Written Confirmation** of the IPR from the IPR holders to Grant Licenses on IPRs
- **Conditions for granting licenses** on the IPRs for the purpose of implementing TTA standards
 - Opt. 1 : Free of charge and under non-discriminatory basis
 - Opt. 2 : Reasonable and on a non-discriminatory basis
- TTA shall not be responsible for the accuracy and validity of the informed IPRs, nor shall be involved in the licensing.

TTA IPR Handling Process

■ Standardization Process of TTA



■ IPR Handling Process of TTA



TTA IPR Confirmation Form

Form No. 2 Attachment 2

**WRITTEN CONFIRMATION OF
INTELLECTUAL PROPERTY RIGHTS
FOR IMPLEMENTING TTA STANDARDS**

To: Secretary-General Telecommunications Technology Association of Korea (TTA)

Date of Submission:
Name of Juridical Person:
Name of Representative: _____ *seal*
Address:
Submitter: *(name, phone number, e-mail)*
Person to Contact: *(name, phone number, e-mail)**

I (We) hereby confirm my (own) intent to license the IPR, as stated below, for implementing the TTA standard, in accordance with the Guidelines for Treatment of IPRs in connection with TTA standards (Amended as of December 21, 2005):

1. Title or Subject of the TTA Standard, and Elements or Parts of the TTA Standard Covered by the IPR which I (we) Hold:
2. The Terms and Conditions of Licensing the IPR:
 - FREE and Non-discriminatory
 - Reasonable and Non-discriminatory
 - Refuse to license
3. Description of the IPR, which I (we) Hold: As per the attached sheet.

* Person to contact refers to the person who is able to be made a question about the information relating to the IPRs.

Form No. 2, Continued Attachment 2

(Attached Sheet) DESCRIPTION OF THE IPR

No	Application Number	Title or Subject of the IPR	Country
	Registration Number		
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

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TTA IPR Confirmation Statistics

Classification	Numbers	Classification	Numbers
IMT-2000	2,468	Wireless Internet	3
WiBro	405	Grid Computing	3
DMB	18	Telematics	3
VoIP	12	TETRA	2
WPAN/WBAN	8	URI	2
DTV	7	Open API	1
DRM	4	RFID	1
Barcode	4	Multicast	1
Optical Network	3	Network Management	1
Security	3	LBS	1
WLAN	3	Emergency Telecom	1
Home Network	3	Others	16
Bio	3	Total	2,976

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TTA IPR Confirmation D/B

- The IPR D/B refer to http://www.tta.or.kr/Home2003/committee/Ipr_PromiseList.jsp
- 3GPP IPR D/B refer to <http://www.tta.or.kr/English/new/main/index.htm>

The Number of Standard or Work item

The Title of Standard or Work item

IPR Holder

The Submitted Date

Number of patents

IPR 약속서					
No.	관련표준번호	관련표준명	지적재산권자	제출일	건수
278	TTAS.KO-06,0155	위치기반 서비스를 위한 위치센싱 플랫폼과 홀서버 연동	ETRI	2007-11-19	1
277	2007-1041	One-time 템플릿 기반의 바이오 인증 프레임워크	ETRI	2007-11-19	2
276	TTAS.KO-06,0157	Pico-Cell 융합 MAC	(주) 카서	2007-11-09	1
275	TTAS.KO-01,0111	번호이동성을 위한 NPSS 망기능 및 인터페이스	ETRI	2007-10-02	1
274	2007-600	인체통신을 이용한 서비스 참조 모델	ETRI	2007-09-14	2
273	2007-392	측각 상호작용 메타데이터	ETRI	2007-09-14	1
272	2007-055	숫자를 통한 무선인터넷 접근체계	한국인터넷진흥원	2007-09-03	1
271	2007-581	OGSA 기반 MPI 적용방법	한국과학기술정보연구원	2007-08-23	3
270	2007-493	미디어-디바이스 연동을 위한 메타데이터 기술	ETRI	2007-08-22	1
269	2007-495	SMMD 서비스 시스템 1단계 요구사항	ETRI	2007-08-22	1

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The Issues of Patent & Std.

- There are increase in number of patents related to TTA standards lately. However,
- It is difficult to identify essentiality of the informed patent(s) related to the Standards.
- It is difficult to update the data that is included in the IPR confirmation.
(such as patent holder, Registration number, etc.)