

World Standards Day 2004

Workshop on European Standardization

What is ETSI?

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Director for European Co-ordination

What is ETSI?

- ❑ The formally recognised European Standards Organization, active in all areas of ICT
 - including telecommunications, radio-communications, broadcasting and Information Technology
- ❑ Created in 1988
- ❑ A not-for-profit organization
- ❑ Direct participation (by Full and Associate Members)
- ❑ A range of different deliverable types to meet market needs
- ❑ 13,200+ publications - *freely available!*



<http://www.etsi.org>

Four types of Member

❑ Full member

- Established in geographical area of CEPT
- Committed to ETSI Statutes and Rules of Procedure

❑ Associate member

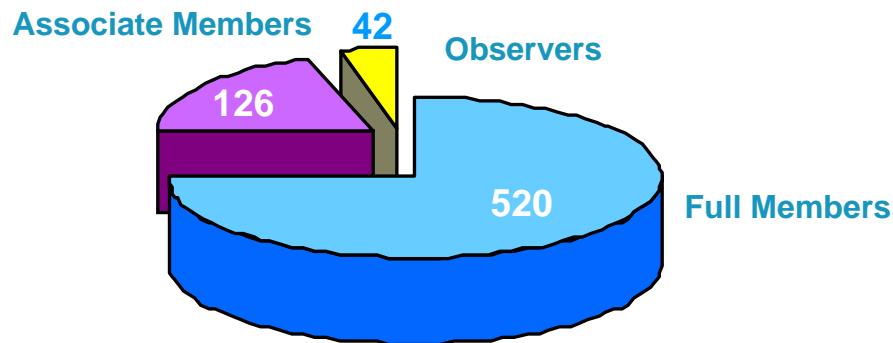
- Committed to ETSI's work, but not eligible for full membership (usually for geographical reasons)

❑ Observer

- Entitled to be full member, but not wishing to participate in ETSI's technical work

❑ Counsellor

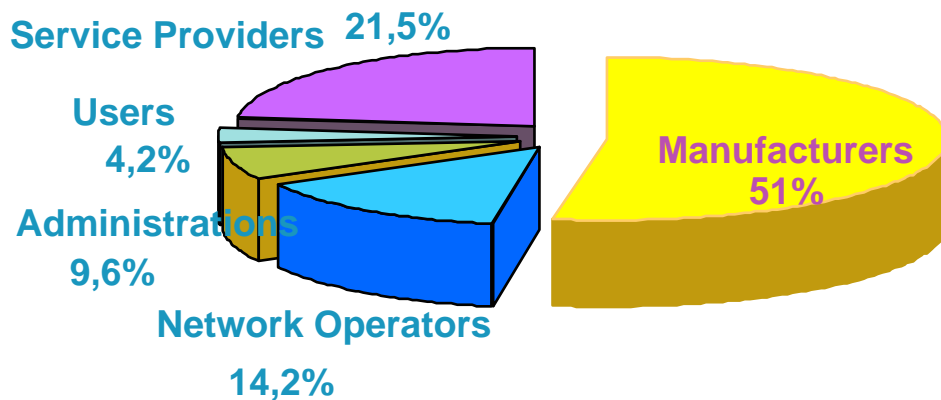
- Representative of European Commission or EFTA



World Standards Day, 14 Oct 2004

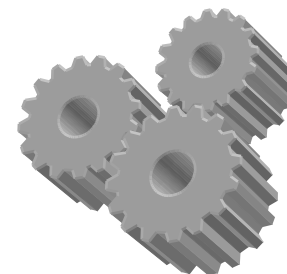
Five Categories of Member

- ☐ Administrations, Administrative Bodies and National Standards Organizations
- ☐ Network Operators
- ☐ Manufacturers
- ☐ Users, including Consumers
- ☐ Service Providers, Research Bodies, Consultancy Companies/Partnerships, and others



ETSI Work Programme

- ☐ Work Item must be supported by at least four ETSI members
- ☐ Separate Work Item for each deliverable
- ☐ Only one Technical Body is responsible for a Work Item
 - although other TBs may be involved in drafting and approval
- ☐ Technical Body may request creation of a Specialist Task Force if the need is urgent



ETSI Deliverables

- ❑ ETSI Technical Specifications (TSs)
- ❑ ETSI Technical Reports (TRs)
 - Approved by the TC or Project concerned
 - Traditional or web-based voting



- ❑ ETSI Standards (ESs)
- ❑ ETSI Guides (EGs)
 - Approved by the full ETSI Membership
 - Web-based voting tool



- ❑ European Standards (ENs, telecommunications series)
 - Approved by National Delegations, through the National Standards Organizations (NSOs)
 - Web-based voting tool



ETSI's important projects

- ☐ UMTS (W-CDMA)
- ☐ GSM evolution
- ☐ DECT
- ☐ TETRA
- ☐ Satellite communications
- ☐ Digital Video Broadcasting (DVB)
- ☐ Next Generation Networks (NGN)
- ☐ Powerline Communication
- ☐ Network Security
- ☐ Voice over IP
- ☐ IPv6
- ☐ Broadband Radio Access Networks (BRAN)
- ☐ Smart Card Platform
- ☐ Man-Machine interface
- ☐ Intelligent Transports (ITS)
- ☐ Emergency Telecom (EMTEL)
- ☐ ...

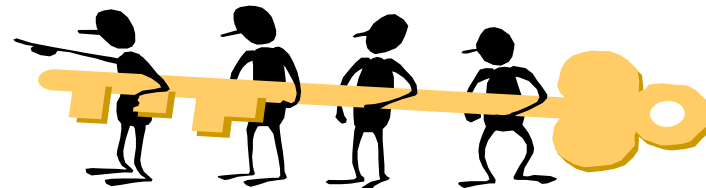


ETSI Strategy

- ❑ Shaping the future of **MOBILE COMMUNICATIONS**
- ❑ Remaining a driver in **FIXED NETWORKS**
- ❑ Targeting its **INTERNET** involvement
- ❑ Bridging the **FIXED/ MOBILE/ INTERNET/ BROADCASTING CONVERGENCE**

by following the **MARKET TRENDS**
&
creating **KEY SYNERGIES**

PTCC: Methodology and techniques



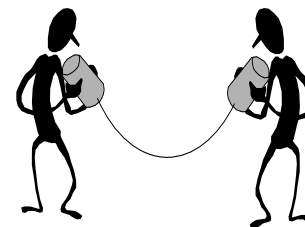
- ☐ The PTCC have considerable expertise in the application of techniques such as:
 - UML (Universal Modelling Language)
 - MSC (Message Sequence Charts)
 - SDL (Specification and Description Language)
 - ASN.1 (Abstract Syntax Notation One)
 - TTCN (Testing and Test Control Notation)

- ☐ Techniques and Methodologies *shorten* the overall time needed for the technical development of ETSI products, *reduce* production costs and *improve* technical quality

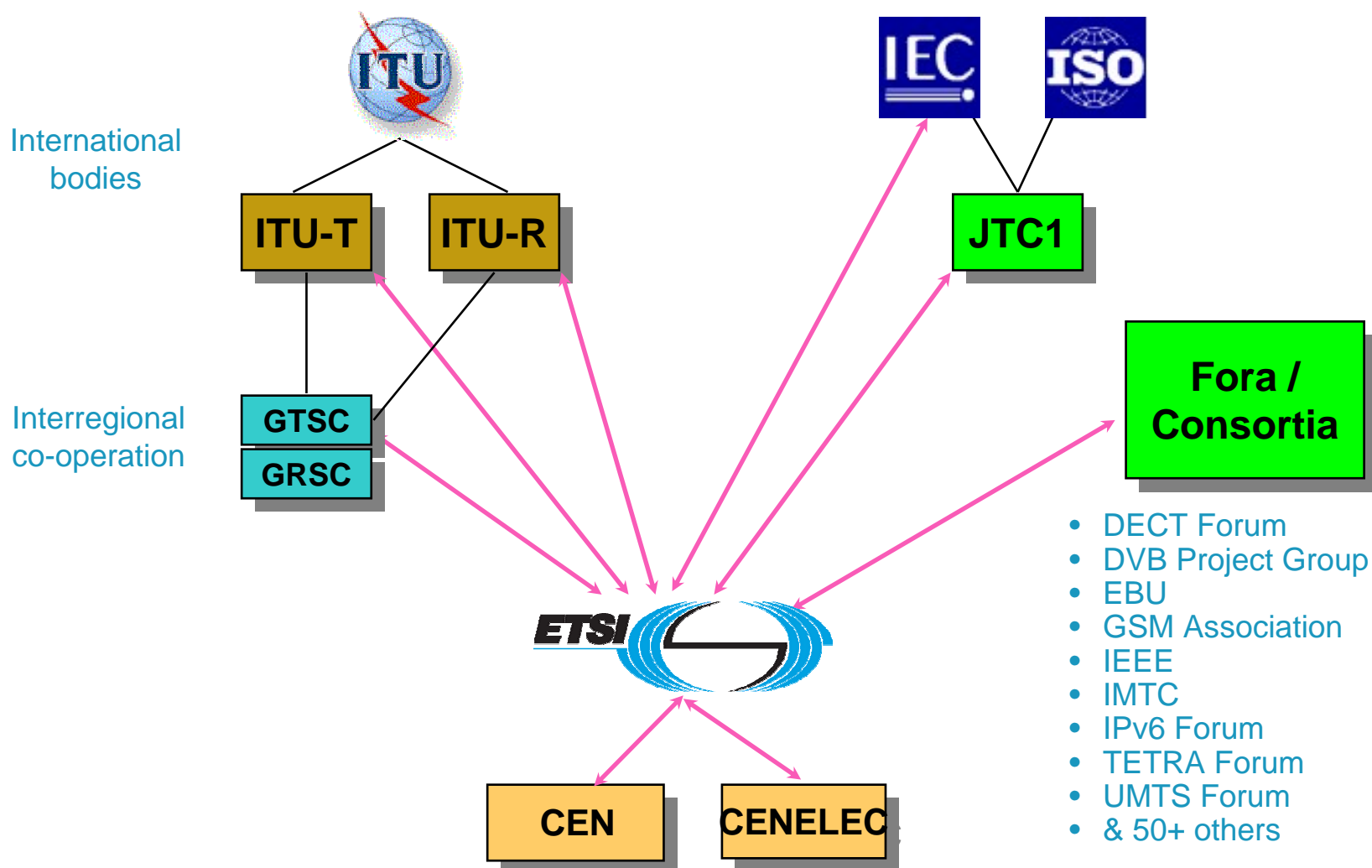
- ☐ All these techniques are supported by powerful and sophisticated tools

What are the Plugtests™ Services?

- ☐ Coordinating big interoperability events with experts from ETSI and more
- ☐ Come&Test : developers come together to remove ambiguities
- ☐ People are active together in the same place for a week
- ☐ Saving time
- ☐ Could be complex and more difficult than conformance
- ☐ Not a laboratory, no certification



ETSI relations for ICT Standardization



ETSI Partnership Projects



3rd Generation Partnership Project

-specifying a W-CDMA system based on an evolution of the GSM core network, a member of the ITU's IMT-2000 family

Organizational Partners:

ARIB (Japan), **CCSA** (China), **ETSI**, **TTA** (Korea), **TTC** (Japan), **ATIS** (USA)

Market Representation Partners:

GSA, GSM Association, UMTS Forum, IPv6 Forum, 3G Americas, TD-SCDMA Forum

<http://www.3gpp.org>

ETSI Partnership Projects



Mobile Broadband for Emergency and Safety Applications

Formerly: **Public Safety Partnership Project**

- initiated by ETSI Project TETRA (under the name of DAWS)
- and by TIA and the Association of Public-Safety Communications Officials (APCO) under APCO's Project 34.

Organizational Partners:

ETSI, TIA (USA)

Observers:

TSACC (Canada), TTA (Korea)

<http://www.projectmesa.org>

Electronic working

- ☐ Most ETSI & 3GPP meetings now totally paperless
- ☐ Document distribution by e-mail and web sites
- ☐ All meeting rooms equipped with LANs
 - increasingly wireless LAN
- ☐ Most administrative tasks now performed using web applications, including:
 - meeting organization
 - meeting registration
 - document numbering and 'distribution'
 - approval of deliverables (standards and reports)
 - membership information
 - delegates' contact details and account management
 - free download of published deliverables
 - IPR declarations and database
 - on-line shopping
- ☐ ETSI Documentation Service on DVD; updates via web site





More on ETSI ?



ETSI Portal @ <http://portal.etsi.org>

portal.etsi.org **e-Standardization** **ETSI Portal does not display correctly ? More info...** 9 Sep 2003 - 15:39:20 (GMT+2) Sophia Antipolis - France **Login**

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Contact [editHelp!](#) for questions on drafting ETSI deliverables

STQ	BOARD	GA	3GPP	AT	BRAN	BROADCAST	DECT	ECMATC32	EE	ERM	ESI	FC
Select sub-groups	HF	IMPACT	JEEC	LI	M-COMM	MESA	MSG	MTS	OCG	PLT	RT	SAFETY
	SAGE	SCP	SES	SPAN	STQ	TETRA	TIPHON	TM	USER	NSO	STF	Closed

All of these ➡ [STQ](#) [STQ AURORA](#)

General Information - STQ

Speech Processing, Transmission and Quality Aspects

STQ support team	STQ Summary	editHelp!	Aurora working group
STQ Related Fora	Old Workshops	Work item form	Distributed Speech Recognition
STQ Related Agreements	E-Model	CR procedure	Harmonized loss and level plan
ToR	Workshop Presentations	Useful Links	

Flash News - STQ

Article 17 list

Meeting Calendar - STQ + ... (*)

Select period length or enter a start date

Year

This Year 2003-09-08 to 2004-09-07

New Meeting 2 meeting(s) found

Date	Meeting	Reg	Location
11-12 Sep	STQ-Rapp-TS 102 250	*	DUSSELDORF DE
01-05 Dec	STQ#15	-	Sophia Antipolis FR

Latest News - STQ

Technical / Press / Both [Full search](#)

- 2003-06-16 (P) [SECURING THE INTERNET - ETSI organizes interoperability test](#)
- 2003-04-15 (T) [Become a "Friend of Plugtests™"](#)
- 2002-05-02 (P) [Director-General of ETSI receives prestigious IEEE Award in I](#)
- 2002-05-02 (P) [World-wide participation in 10th SIP testing event](#)
- 2002-04-18 (P) [ETSI and GIIF co-operate in the area of ISDN and Broadband I](#)
- 2002-04-18 (P) [ETSI and CAPI Association co-operate for the further develop](#)
- 2002-03-18 (P) [ETSI Interoperability Testing Event proves M3UA Protocol](#)
- 2002-03-04 (P) [Emergency Telecommunication Experts See Eye to Eye](#)
- 2002-02-22 (P) [ETSI Selects Advanced Algorithm for Distributed Speech Rec](#)

Work Item Monitoring - STQ + ...

30 VMS Work items are currently distributed 4 to 20



Services index



ETSI Portal @ <http://portal.etsi.org>

Services Index			
Important information	ETSI Work programme	ETSI Standards	Tools
Collective Letters ETSI vacancies Call for Experts Key Technical Activities ETSI Organization	ETSI Work Programme information Standstill Consultation Transposition & Withdrawal EN Approval ES/EG Approval Member Consultation	Free download of standards ETSI Documentation Service Security algorithms and codes ETSI's e-shop ETSI Catalogue	Applications TB decision
ETSI meetings	ETSI rules and legal info.	Your ETSI account	Partnership Projects
Calendar of Meetings Meeting Management Meetings information - Sophia Antipolis ETSI Access Maps Room Allocation Travel Information Meetings network	ETSI Directives ETSI handbook ETSI Drafting Rules ETSI Guidelines Legal Aspects IPR database PAS guidelines Electronic Working Methods Standards Making Process	Account Request Change Password Access Rights Maintenance Account Sponsorship	3GPP (3rd Generation Partnership Project) MESA (Mobile Broadband Specifications for Public Safety)
ETSI people	ETSI Email exploder services	General information	ETSI Support
ETSI Membership Information Contact information TB Membership/Exploder List TB support staff STF support staff PTCC support staff	ETSI list archives LISTSERV LISTSERV management	Supporting eEurope Administration Interest Group Chairman's corner ETSI Brochures External Relations National Standards Organizations Closed TBs Internet WebStats Download tools, etc.	Plugtest service editHelp! (editing support) ETSI Seminar FORAwatch Funded Work Programme (STFs) HelpDesk (IT questions) InfoCentre (general enquiries) PTCC (Testing & specification)



ETSI's experience has clearly proven....



The Future is built
through Partnership