

# ETSI Seminar 2023

## Discover the ETSI Environment – ETSI in the world

Presented by: Gavin Craik



20/06/2023



# What is ETSI? - European root, global outreach



ETSI is a world-leading standards developing organization for Information and Communication Technologies (ICT). We are open, independent and inclusive.

ETSI is recognized by the European Union as one of 3 European Standardization Organizations (ESO).

ETSI has become highly-respected as a producer of technical standards and specifications for worldwide use.

ETSI is a direct membership-based association with currently more than 900 member organizations. We are independent of all other organizations and structures, and we are a not for profit association.

Our membership comprises manufacturers, network operators, service and content providers, national administrations, ministries, universities, research bodies, consultancies, user organizations, Annex III organizations (plus the EC/EFTA as counsellors) – this is a powerful and dynamic mix of skills, resources and ambitions.

# Products & services

ETSI produces globally-applicable standards for information and communications technology (ICT) including fixed, mobile, radio, converged, broadcast, and internet technologies.

At the end of 2022 we had 56 000+ deliverables, all available for free download. In 2022 there were 16 091 344 downloads of ETSI deliverables!

ETSI provides support to industry and European regulation and continues to do so. In 2022 ETSI supported 2 291 eMeetings, representing 37 017 eParticipants. This continues but ETSI is also looking to support the resumption of physical, face-to-face events which are also wanted by our membership.

ETSI plays a rôle in the development of specification & testing methodologies. We have a strong expertise in conformance testing.

Interoperability testing – ETSI plays a significant rôle via its Plugtests service. 9 such events were held in 2022.

# ETSI in 3GPP



We are the home of the GSM™ family of standards...

And a founding partner in



# ETSI in oneM2M

A founding partner in...

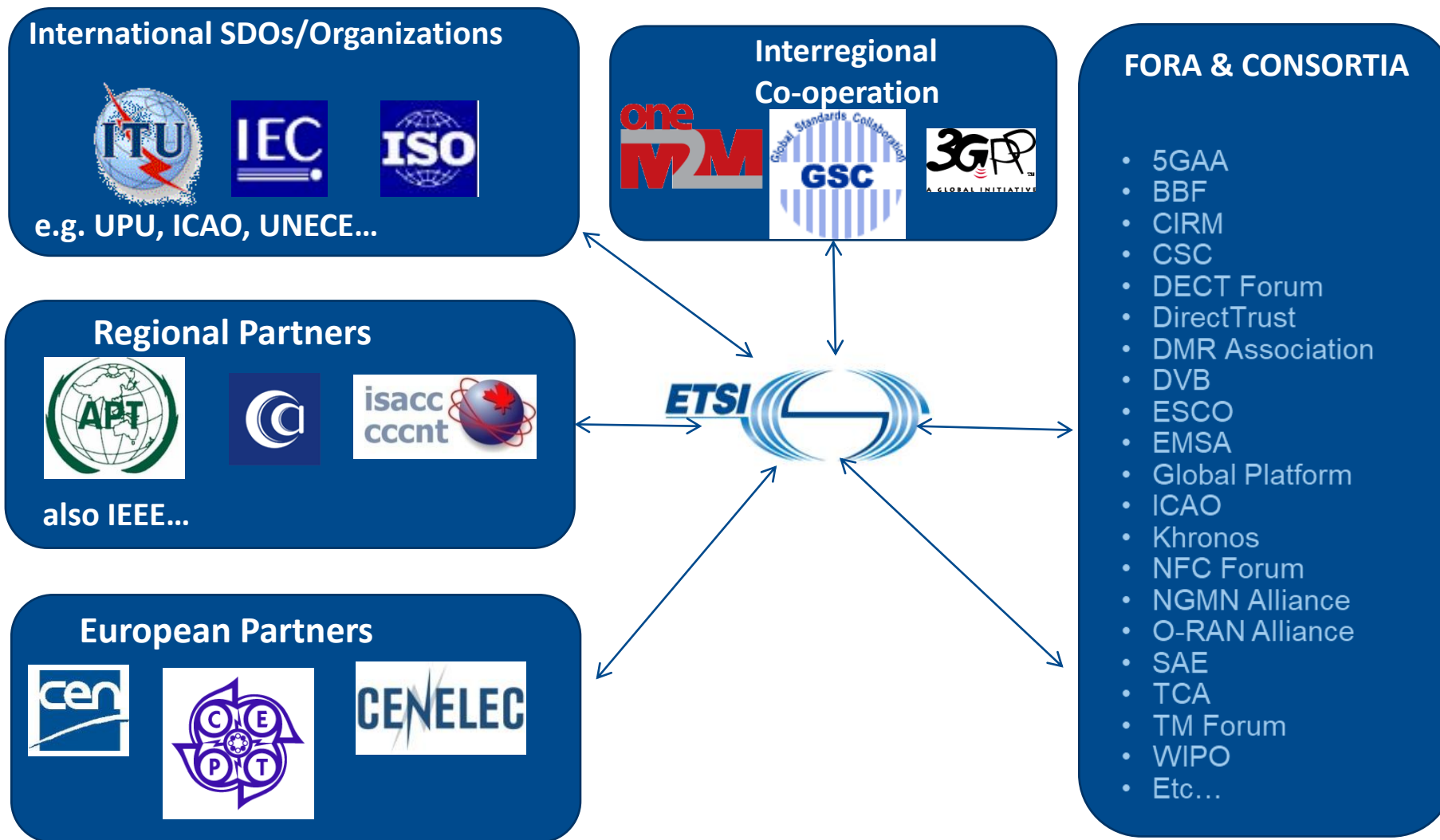


The home of service-layer standards for Machine to Machine communications and the Internet of Things

## ETSI works in partnership

Working with others is the best way to ensure coherence between the standards produced by ETSI and those of others. ETSI's investment in new partnerships is an important approach to adapt our activities to new standardization trends. Partnership Agreements are crucial in those new areas where ETSI is just starting to establish its footprint.

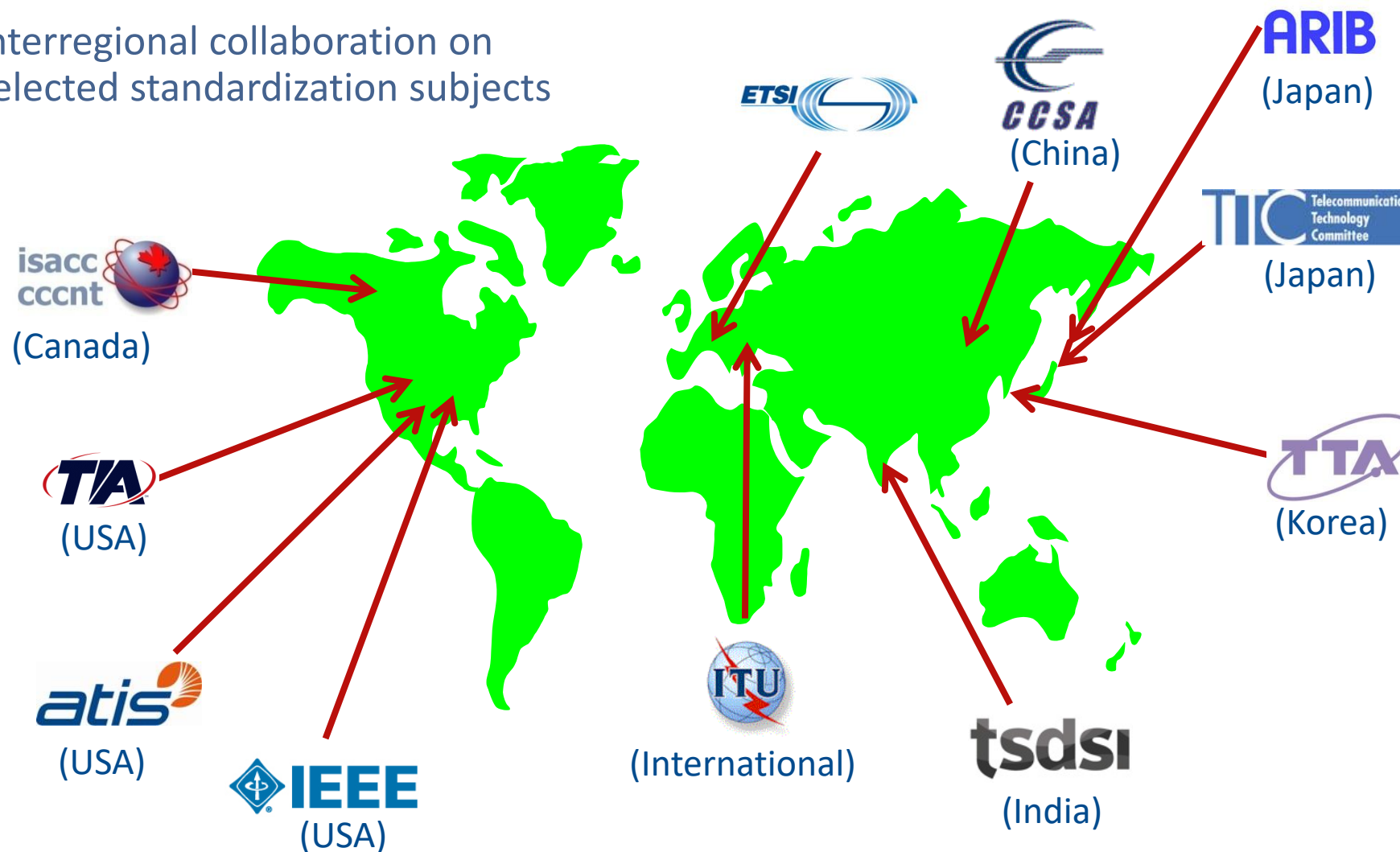
# ETSI partners



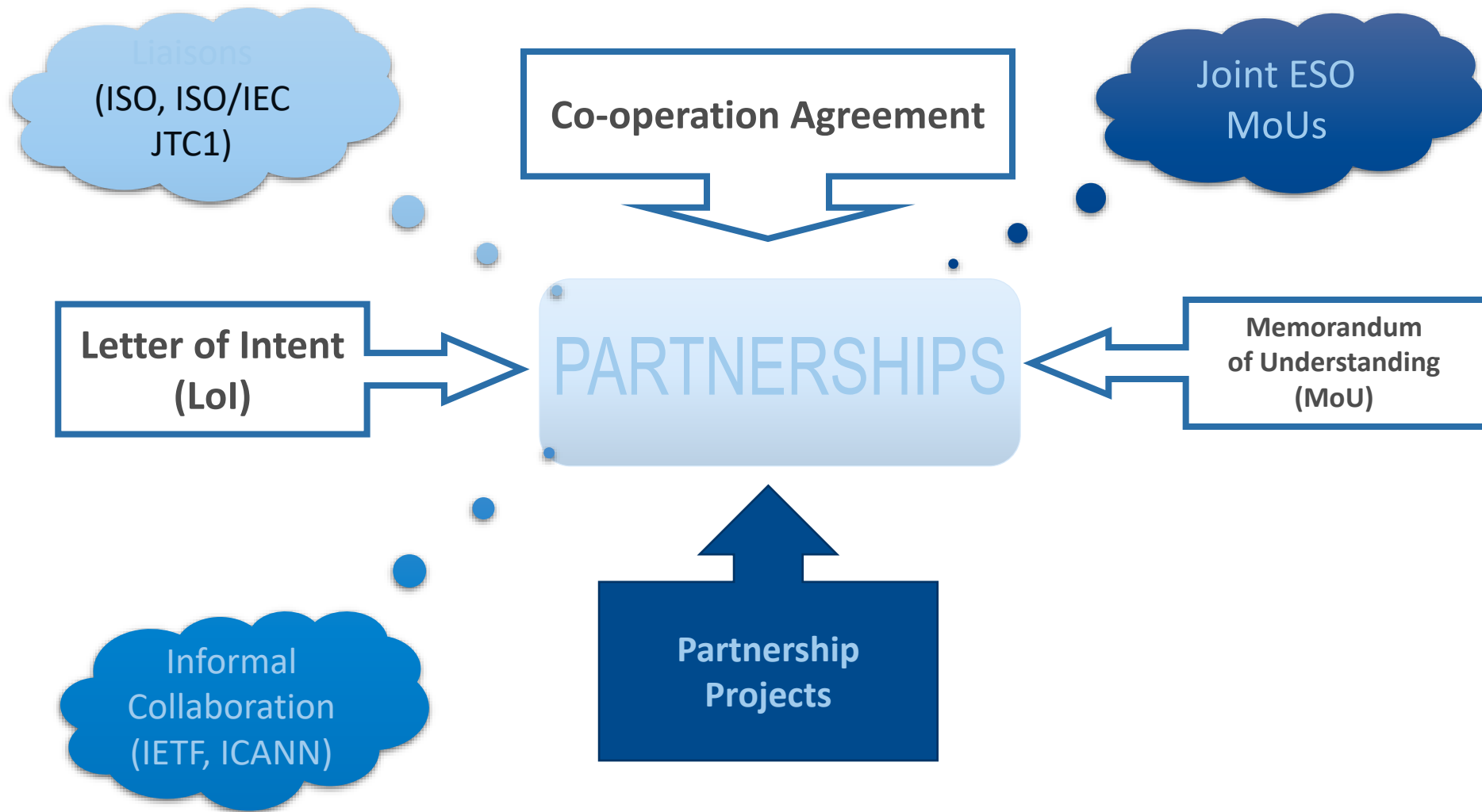


# Global Standards Collaboration

Interregional collaboration on selected standardization subjects



# ETSI's Partnership Framework



# The 4 types of Partnership

## From loose to comprehensive...



### Letter of Intent (LoI)

- Initial contact, get to know each other

### Memorandum of Understanding (MoU)

- Nomination of observers in each other's TBs
- Circulation of working documents and drafts on a royalty-free basis
- Mapping of areas of mutual interests identified in Annex

### Co-operation Agreement

- Incorporation of text and graphics from the other party into a document
- Joint production of documents
- Only possible when IPR policy of potential partner is compatible with ETSI's

### Partnership Projects

- Consortium of SDOs from around the globe working on and for a specific topic
- A partnership with a Project Co-ordination function and a Technical Specification function
- Task oriented, ensuring that on completion of the tasks the future of the project is re-evaluated



# Facts & Figures

Today we have **partnership agreements with over 90 organizations**

Who are our Partners?

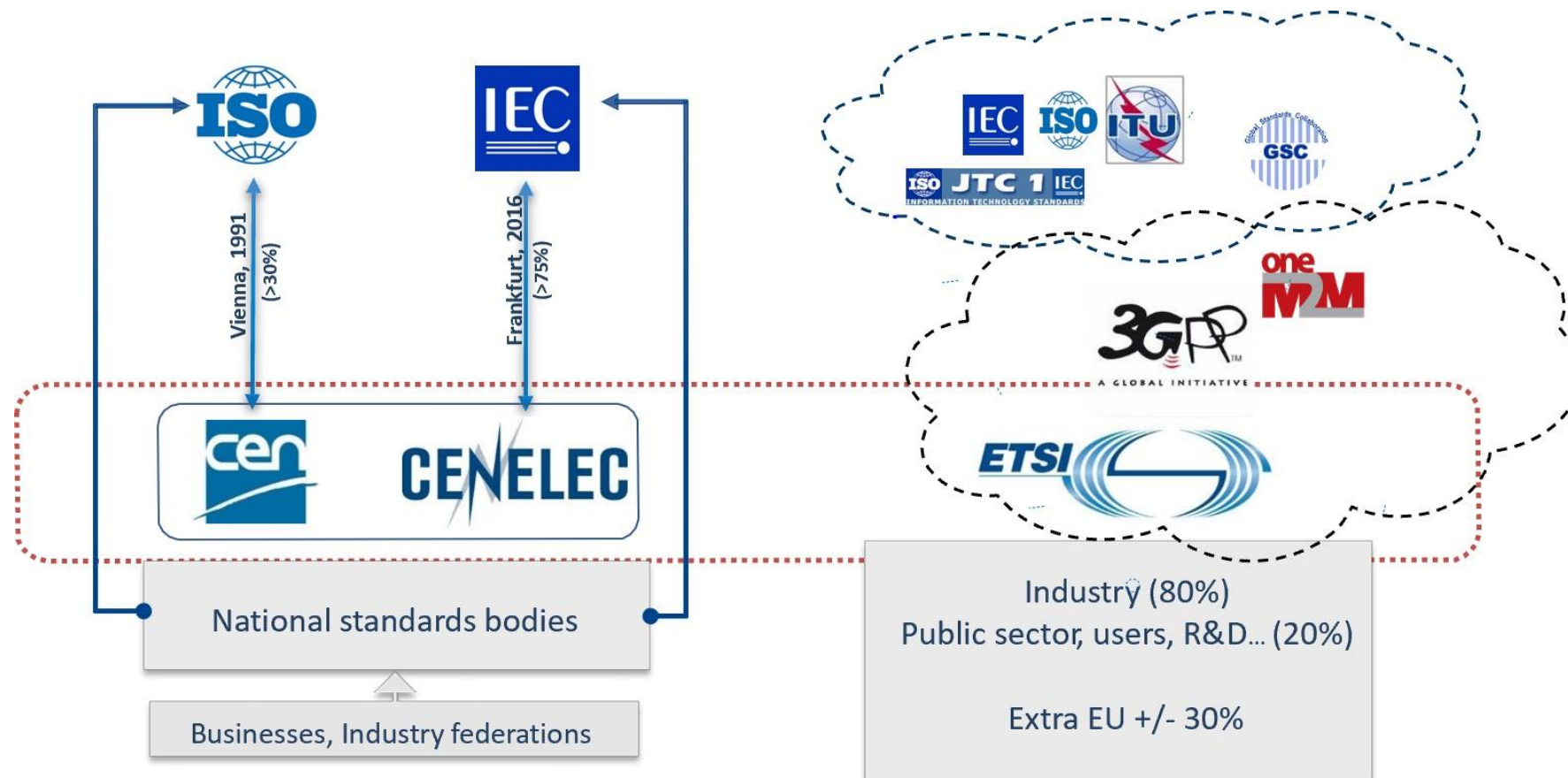
- International Standards Developers: ITU, ISO, IEC.
- Regional standard bodies in Partnership Projects: CCSA (China), TSDSI (India), ARIB, TTC (Japan), TTA (Korea), ATIS, TIA (USA)
- Fora/Consortia: OMA, GlobalPlatform, NFC Forum, Broadband Forum...
- EU Agencies /Int. Organisations : EDA, ERA, EMSA, EASA, UPU, ICAO...
- Regional Organisations: APT (Asia), Communications Alliance (Australia), SAC (China), ISACC (Canada), IEEE-SA (USA)...
- Trade/Industry Associations: GSMA, DIGITALEUROPE, EBU...
- Research: ERTICO, SESAR JU, ERCIM...

Partnerships have different flavours: **political** and/or **technical** and/or **marketing**

Where to find the latest list of partnerships and their details:

<http://webapp.etsi.org/AgreementView/AgreementSearch.asp>

# 3 ESOs – making up the European Standardization System (ESS)



# A European Standards Organization (ESO)

ETSI was conceived in the late 1980s to respond to particular needs in Europe in support of the single European market.

We were formally created in 1988 and recognised under Directive 1983/189/EEC in 1990, then Directive 98/34/EC and then under Regulation 1025/2012 and the forthcoming amendments.

ETSI continues to produce standards for European industry and we produce standards and other material to support European Union and European Free Trade Association (EFTA) regulation, legislation (e.g. RED, EMCD and others) and public policies for which we are officially recognised at EU/EFTA and governmental levels as well as contributing ICT radio frequency requirements to the European co-ordination process.



# ETSI is not...

a REGULATORY body, but...

we provide technical specifications to support regulation

a CERTIFICATION body, but...

we provide specifications and other tools to assist certification

a FREQUENCY ALLOCATION body, but...

we collect, co-ordinate and contribute frequency requirements for the ICT community

part of the European Commission or EFTA, nor are we part of CEPT, but...

we work closely with these and many other organisations

# Co-operation with EC and EFTA

EC and EFTA are Counsellors of ETSI since 1988

- Full participation rights, full access, no voting rights
- Participate at all levels: General Assembly, Board, TBs, etc.
- Multiple DGs participate but DG GROW at policy level

ETSI official recognition as ESO in summer 1992

- Under 83/189/EEC (replaced by 98/34/EC)

Regulation 1025/2012 (replaced 98/34) – also to be amended as of July this year

- ETSI recognised as ESO
- ETSI can be requested by the EC to produce standards and specifications to meet policy needs, esp. legislative needs (e.g. Harmonised Standards) – Standardisation Requests
- ICT standardization distinctly recognised
- ETSI direct participation model recognised
- Recognition of role of societal stakeholders (SMEs, users/consumers, environmental, trade union)



# EC Support to ETSI Standardization

Commission Standardization Policy:

- [https://ec.europa.eu/growth/single-market/european-standards/policy\\_en](https://ec.europa.eu/growth/single-market/european-standards/policy_en)

Joint Initiative on Standardization

- Open public-private cooperation/dialogue

Annual Union Work Programme for European Standardization

- Strategic priorities for standardization
- Commission's intentions to use standardization in support of new or existing legislation and policies

More detailed Rolling Plan on ICT Standardization - <https://ec.europa.eu/digital-single-market/en/news/2019-rolling-plan-ict-standardisation>

Standardisation Requests to ESOs

Financial support:

- Annual Operating Grant to ETSI
- Specific Action Grants (STFs, other)

# ETSI and societal stakeholders

4 organizations recognized by EC in Reg. 1025/2012, representing interests of societal stakeholders and SMEs in European Standardization

- ANEC, representing consumers
- ECOS, representing environmental interests,
- ETUC, representing social interests
- SBS, representing SMEs

Reserved vice-chair of GA and reserved seat at Board for User representative

Reserved seat at Board for SME representative

Each new Work Item required to consider impact on

- Users/Consumers, incl. safety and privacy
- Environment
- Security

# ETSI 3SI Programme

The 3SI programme:

- a 3SI Advocate for societal and SME interests,
- a regular high-level exchange on issues related to societal stakeholders, SMEs and inclusiveness.

## 3SI Advocate

- A volunteer, nominated by the [ETSI Board](#), who is the point of contact for all matters related to societal and SME interests in ETSI standardization.

## 3SI Meeting

- At least once a year, ETSI organizes a high-level exchange on societal stakeholders, SMEs and inclusiveness.
- Involves representatives of the organizations representing societal stakeholders - ANEC, ECOS and ETUC - and SMEs, represented by SBS, the 3SI Advocate, ETSI management, the EC and the EFTA Secretariat. Other ETSI members or experts may be invited as needed.

Details: <http://www.etsi.org/about/how-we-work/3si-programme>

# Decision-making in ETSI

---



# Decisions in ETSI

Consensus : Decision making from top to bottom

- “General agreement, characterized by the absence of sustained opposition to substantial issues by any important part of the concerned interest and by a process that involves seeking to take into account the views of all parties concerned and to reconcile any conflicting arguments.”

No Consensus: Votes

- Weighted National voting
- Weighted Individual voting by Full members only
- Weighted Individual voting by Full & Associate members
- NSO voting

# Decisions in ETSI - continued

- Weighted National voting : HoND = >a.o. adoption of EN or HS, changes in the Statutes (75% rule), RoP including the IPR policy (71% rule).
- Weighted Individual Voting by Full members only = >a.o. membership termination, EU matters such as:
  - ❖ document to be used for regulatory matters of EU,
  - ❖ standardization policies intended to meet need of EU,
  - ❖ work priorities inside EU
- Weighted Individual Votes by Full & Associate members = >a.o. Operation of ETSI:
  - ❖ Appointments of officials,
  - ❖ Partnerships,
  - ❖ Finance
- NSO vote online for the adoption of EN or HS.
- Proposal approved when at least 71% positive votes are achieved. Abstentions by Full or Associate members present or represented (proxy) do not count as votes cast.

# ETSI Deliverables

European Standards (EN, telecommunications series)  
Harmonized Standards (HS)  
Approved by National Delegations, through the  
National Standards Organizations (NSO)  
Web-based voting tool

ETSI Standards (ES)  
ETSI Guides (EG)  
Approved by the full ETSI Membership  
Web-based voting tool

ETSI Technical Specifications (TS) ETSI  
Technical Reports (TR)  
ETSI Group Specifications (GS)  
ETSI Group Reports (GR)  
Approved by the TC, Project or Group concerned  
Traditional or web-based voting



# How to get ETSI standards

Download for free: <http://www.etsi.org/standards-search>

Purchase on DVD

- Details on website
- Being discontinued

ETSI specifications are available in PDF format only.



# Getting Help – ETSI Guides

- Meeting Delegate's guide
- Use of gender inclusive language
- Rapporteur's guide
- STF/TTF Expert's guide
- Member Official Contact's guide
- Writing World Class Standards
- NSO's guide

All available from ETSI Portal: Resources/User Guides menu

# Getting information

[ETSI website](#)

[ETSI portal](#)

[3GPP website](#)

[oneM2M website](#)

E-mail exploder lists

- For all of ETSI's activities

Official Contact for each ETSI Member

- Receives all formal correspondence

Helpdesk

+33 (0)4 92 94 49 00 : [helpdesk@etsi.org](mailto:helpdesk@etsi.org)

[http://portal.etsi.org/Helpdesk/contact\\_us.htm](http://portal.etsi.org/Helpdesk/contact_us.htm)





**Thank you for your attention**

Follow us on:    