International Organization for Standardization

www.iso.org

International Organization for Standardization

ISO/TC 247 Plenary, 17 September 2009

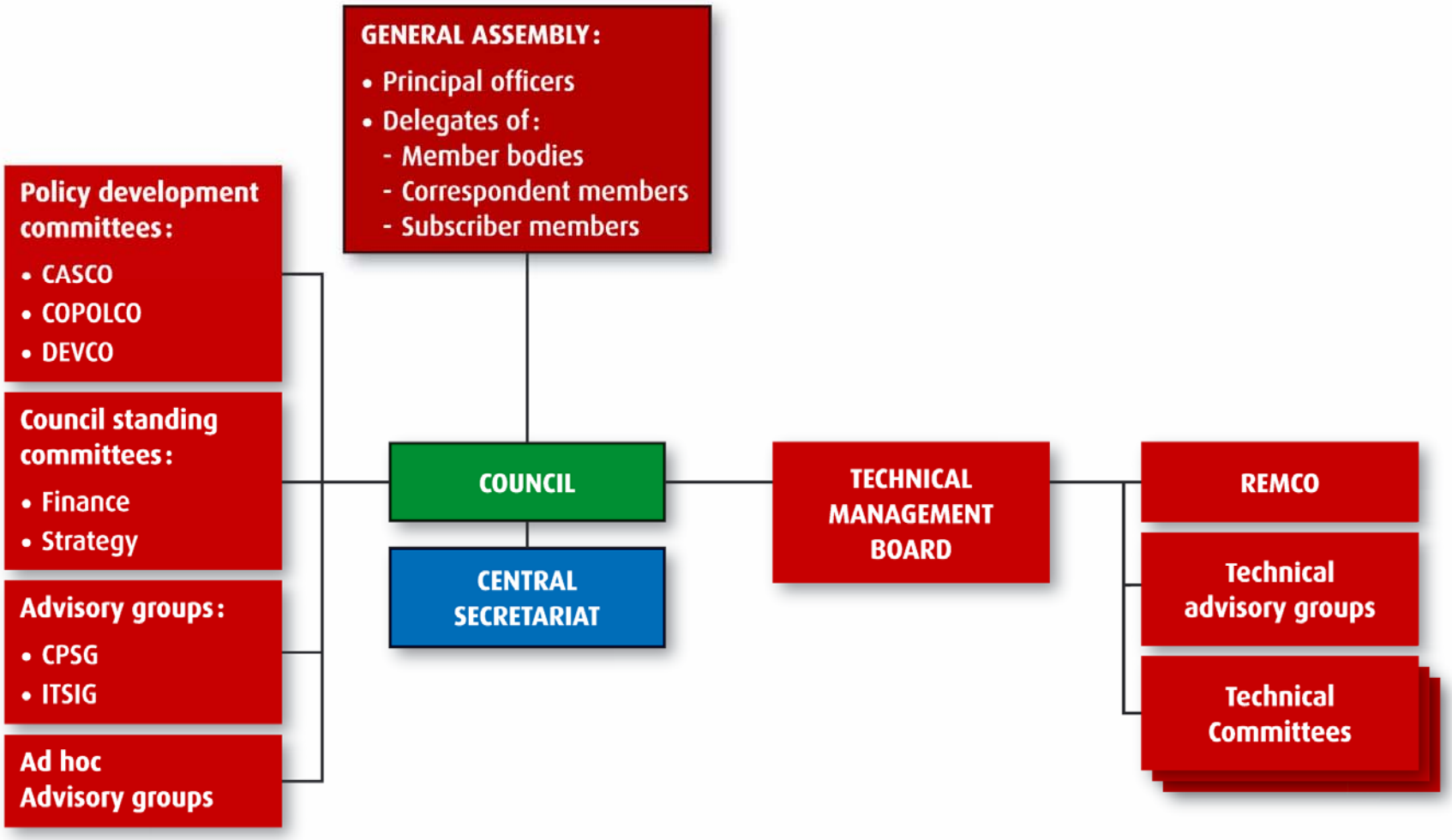
An increasing demand for consensus based International Standards

- Globalization of trade in products and services
- Outsourcing and offshoring of procurement and investment
- Deregulation of public services
- Response to climate change and energy efficiency
- Public demand for consumer and environmental protection
- Need for international solidarity to face terrorism, epidemics and natural disasters
- Deployment of new technologies and innovation

A new global framework for technical harmonization

- World Trade Organization: 153 countries are signatories (as of July 2008)
- Multiplication of bilateral and regional trade agreements: more than 200 identified by WTO, e.g. European Union, Community of Independent states, ASEAN (South east Asia), Mercosur (South America)…
- Major emerging economies (China, India, Russia, Brazil, Indonesia, South Africa,…) and regulatory reforms
- Good regulatory practices by referencing standards, as a component of good public governance
- Global companies
- Increasing impact of societal NGOs

Governance - ISO Structure



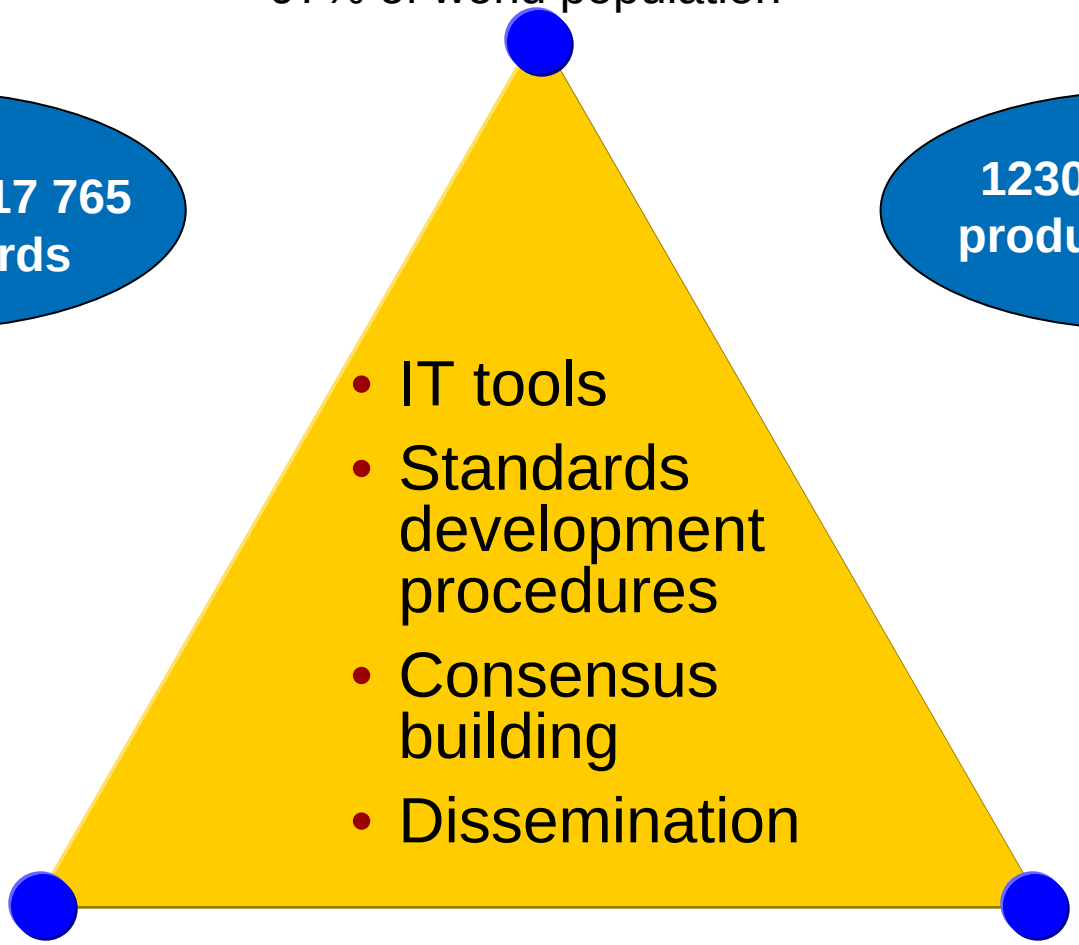
The ISO system

162 national members
98% of world GDP
97% of world population

At 10 August 2009

Collection of 17 765 ISO Standards

1230 standards produced in 2008



192 active TCs

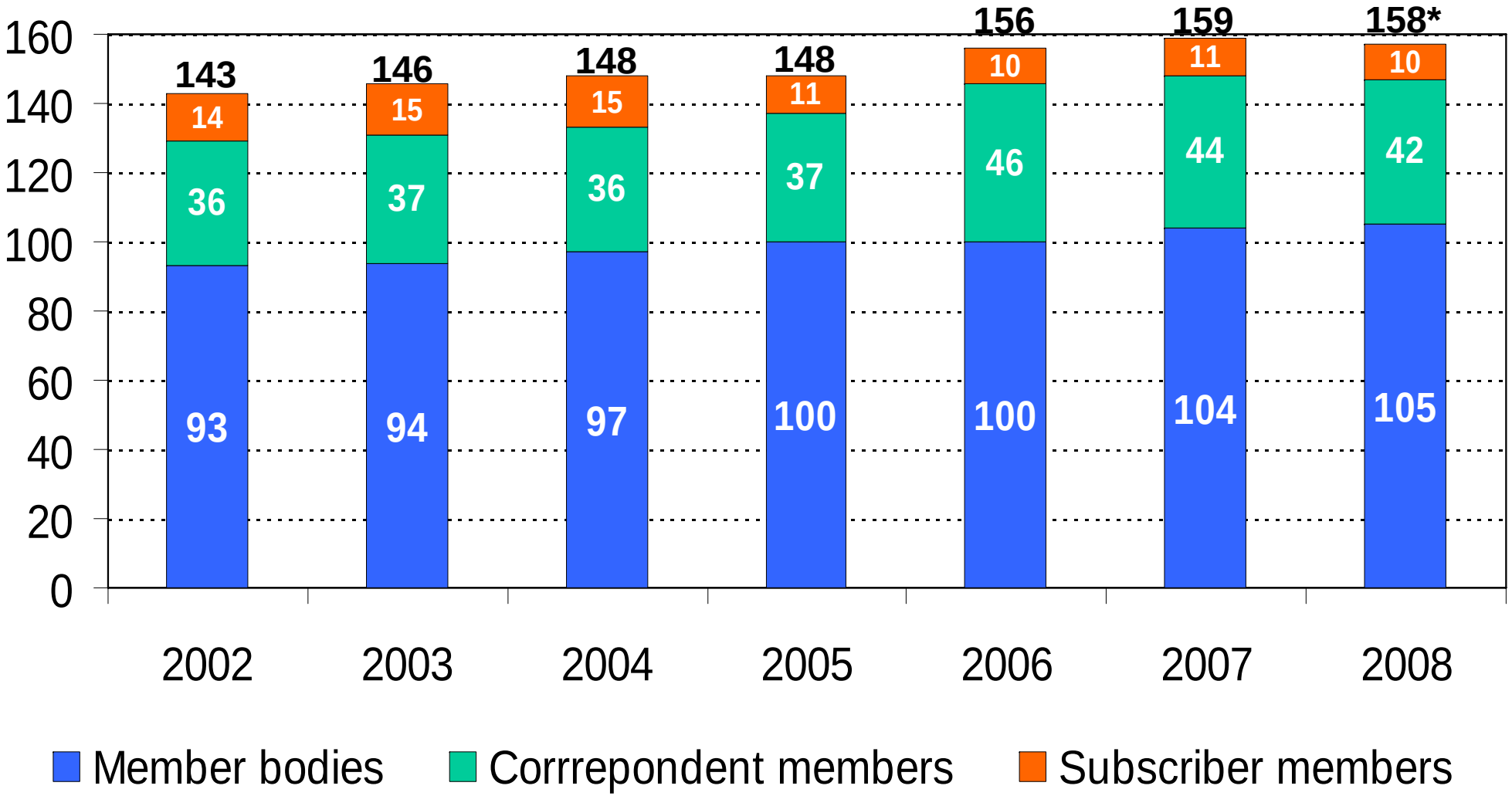
3 183 technical bodies

50 000 experts

Central Secretariat in Geneva

153 staff

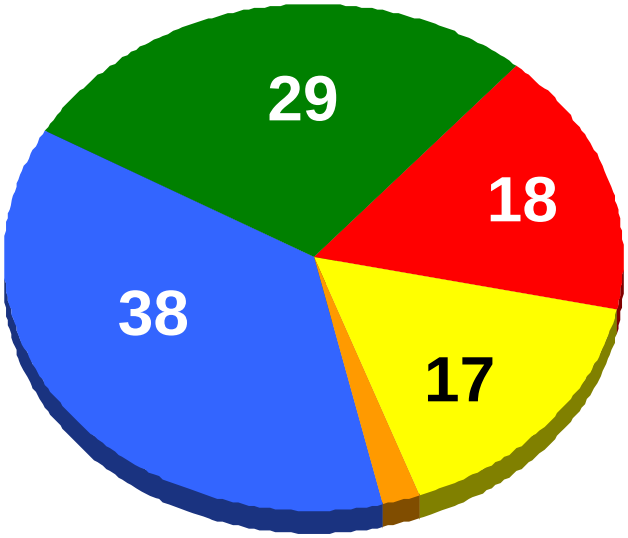
Evolution of the ISO membership



* At 1 January 2009

Distribution of ISO members per continent as of 10 August 2009

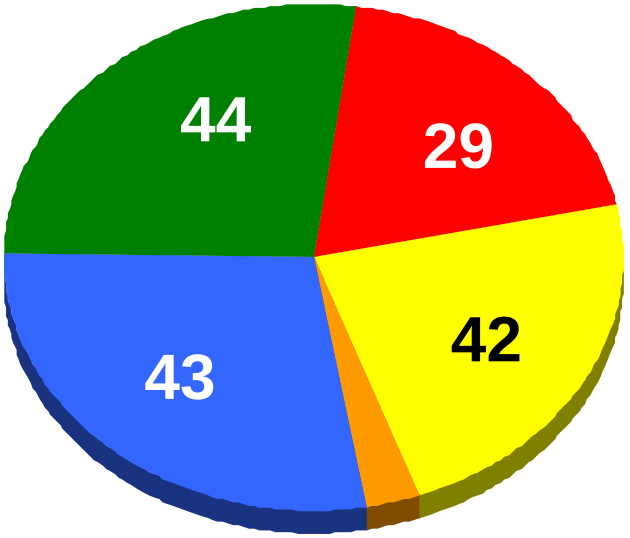
MB distribution per continent



Total: 105

(95 in 2003)

MB+MC+MS distribution per continent



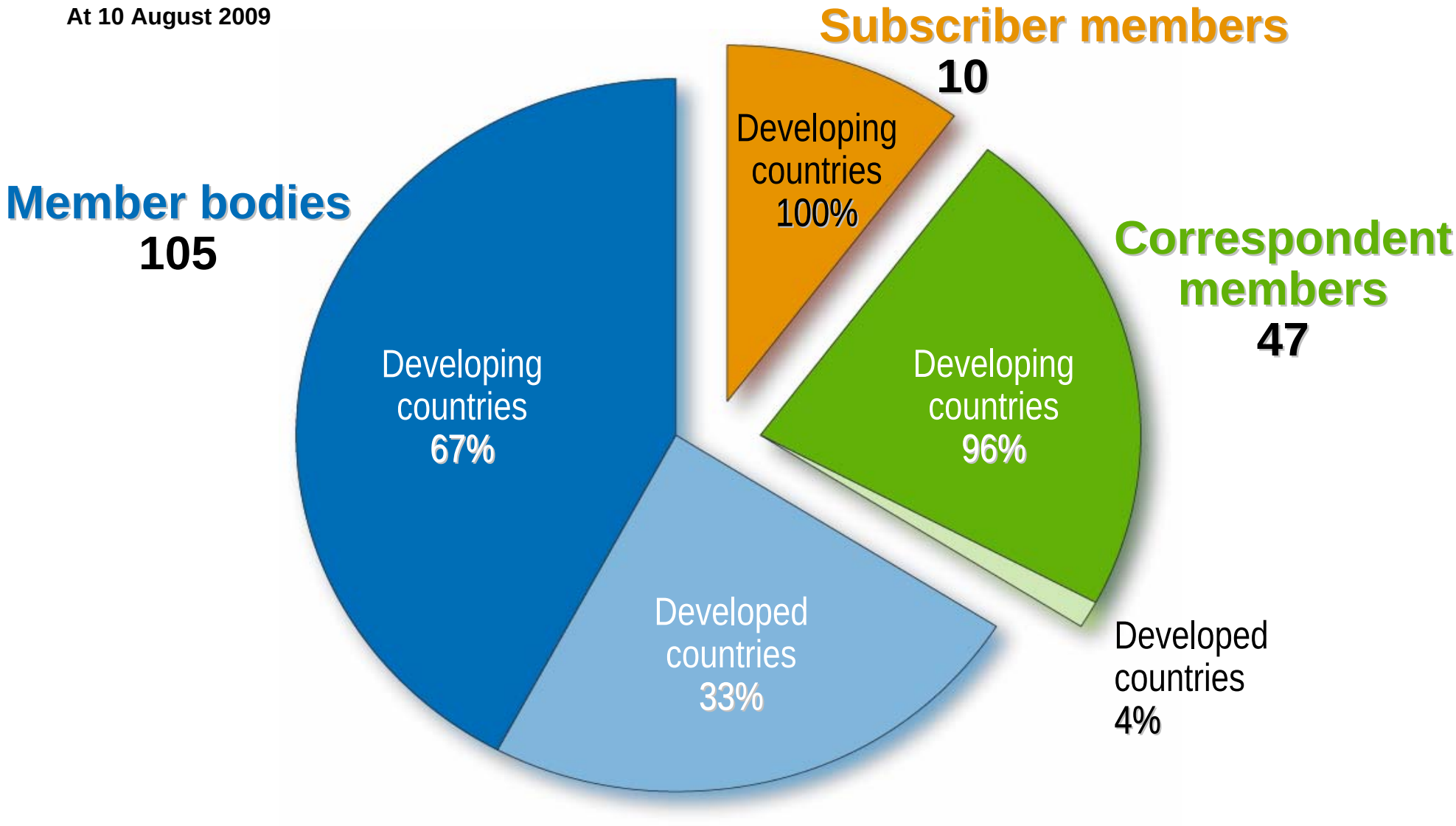
Total: 162

(147 in 2003)

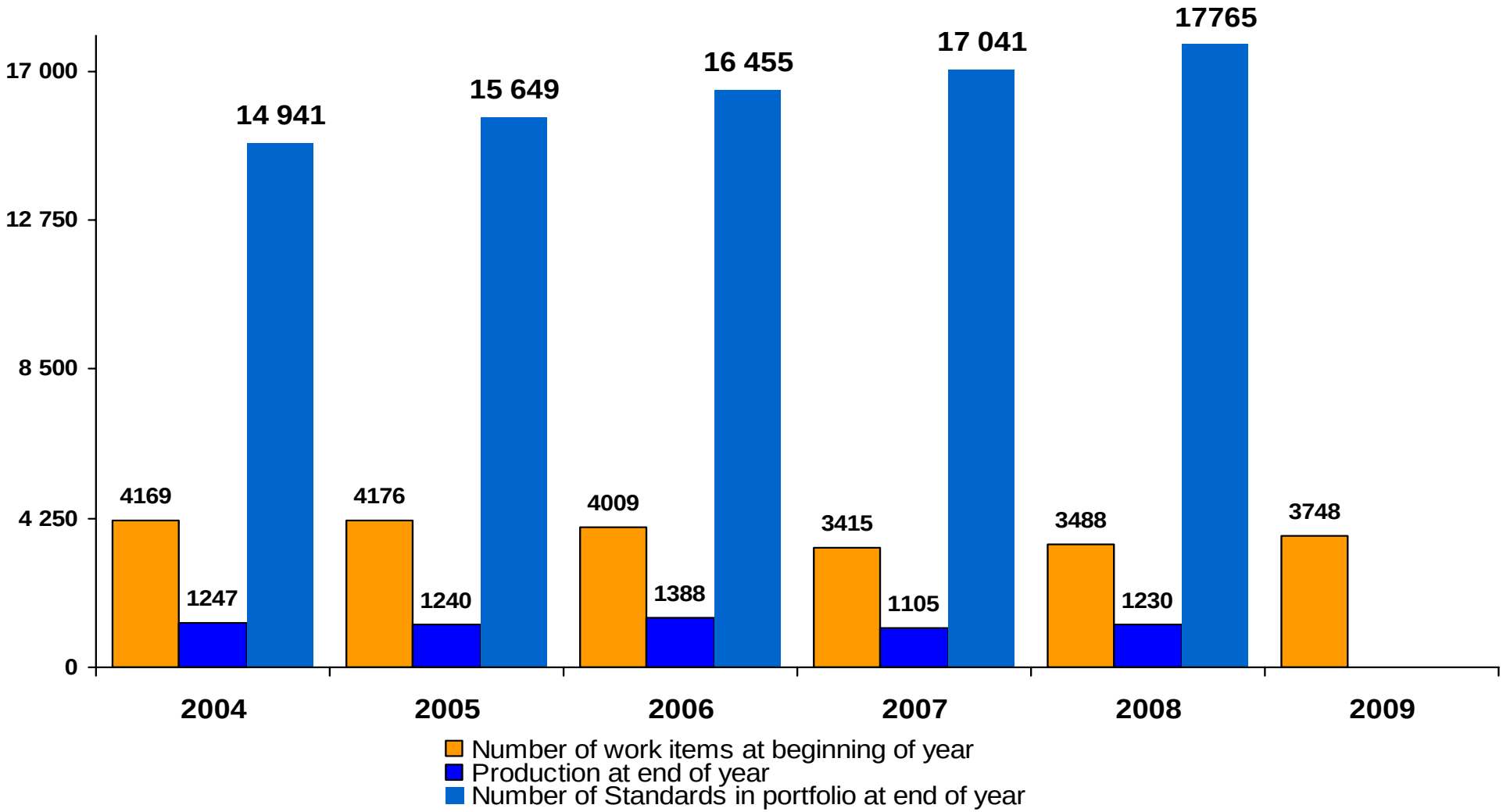
Oceania
Europe
Americas
Africa
Asia

Developing countries in ISO

At 10 August 2009

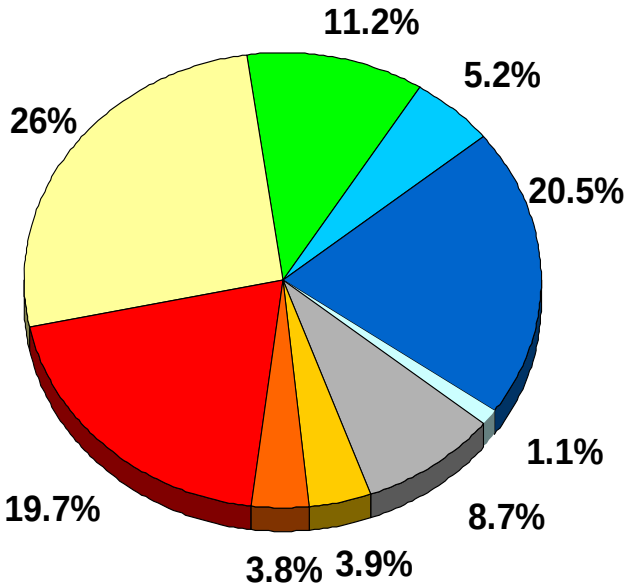


Standards and work in progress
2004 – 2009

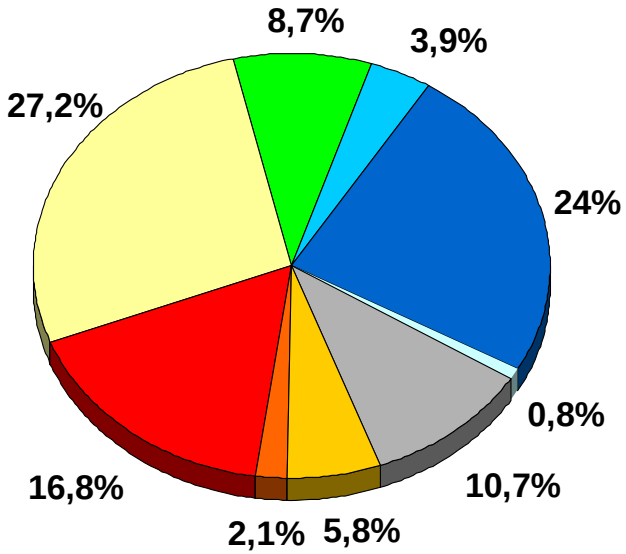


Portfolio of ISO work items and Standards by ICS sector at the end of 2008

Total of active work items



Total of standards

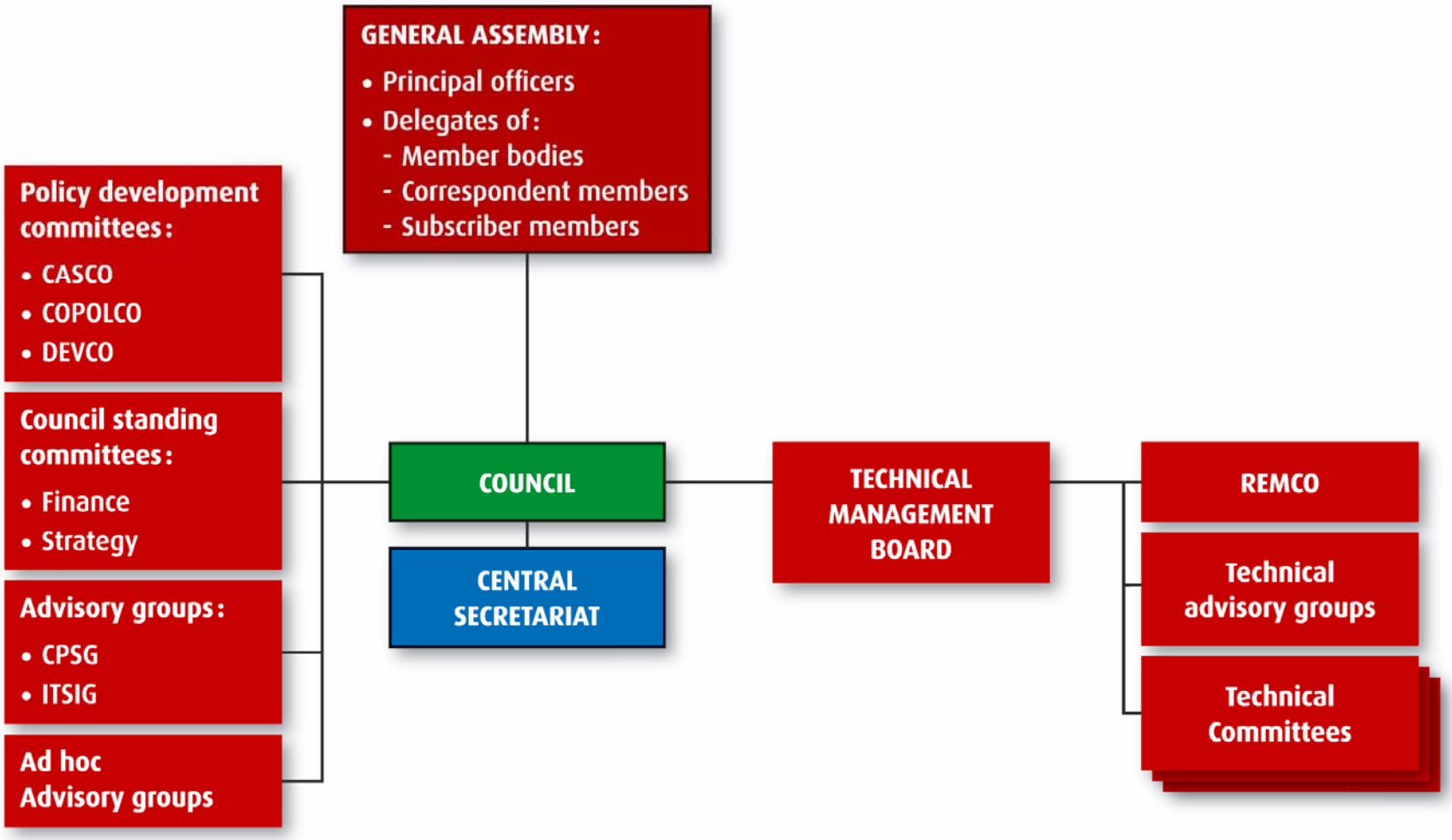


- Generalities, infra-structures and sciences
- Health, safety and environment
- Engineering technologies
- Electronics, information technology and telecommunications
- Transport and distribution of goods
- Agriculture and food technology
- Materials technologies
- Construction
- Special technologies

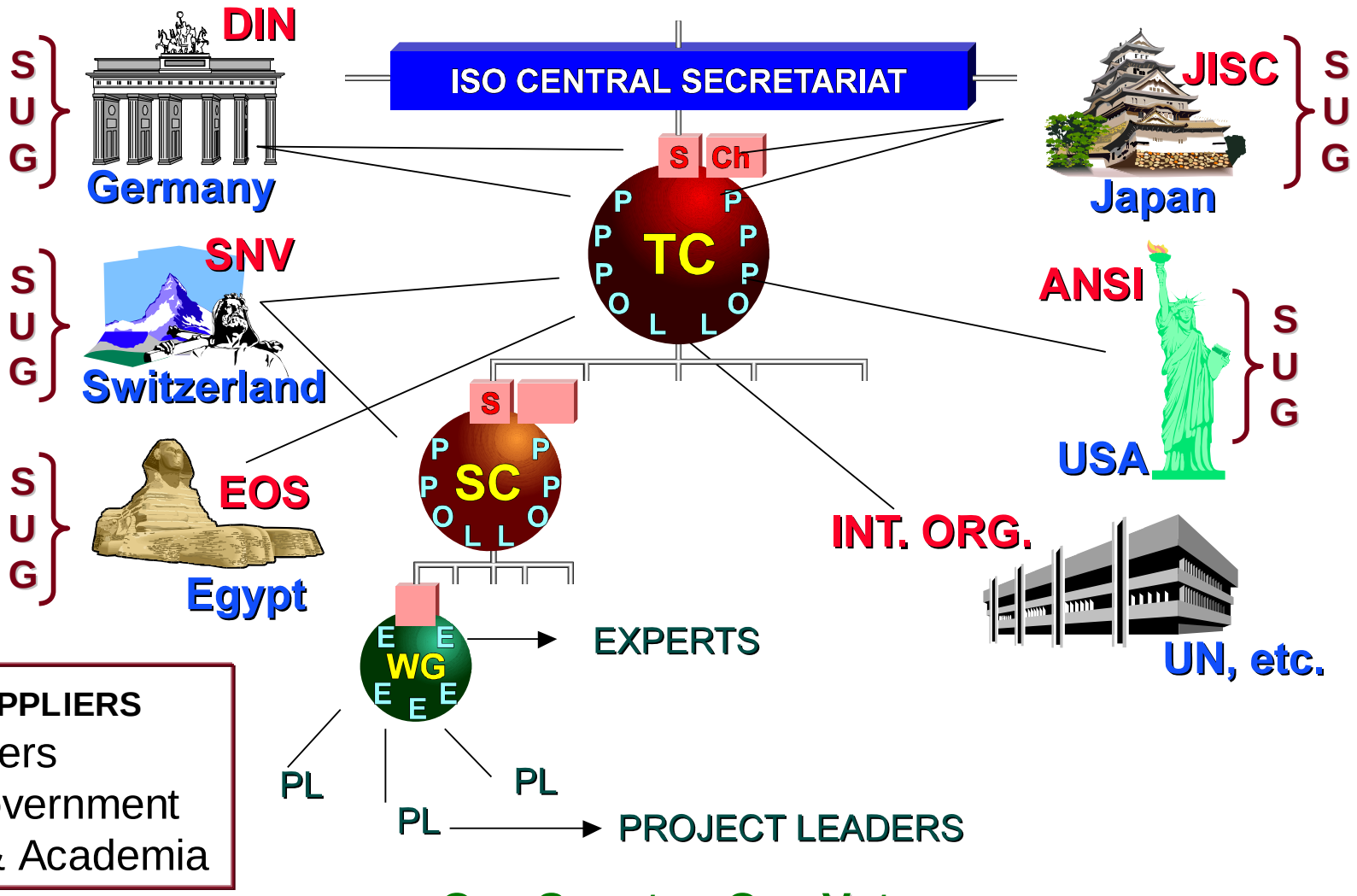
Current technical developments

- Food safety
- **Security**
- Social Responsibility
- Services
- Environment and climate change
- Information and Communication Technologies
- Management System Standards
- Nanotechnologies

Governance - ISO Structure



Organization of the technical work



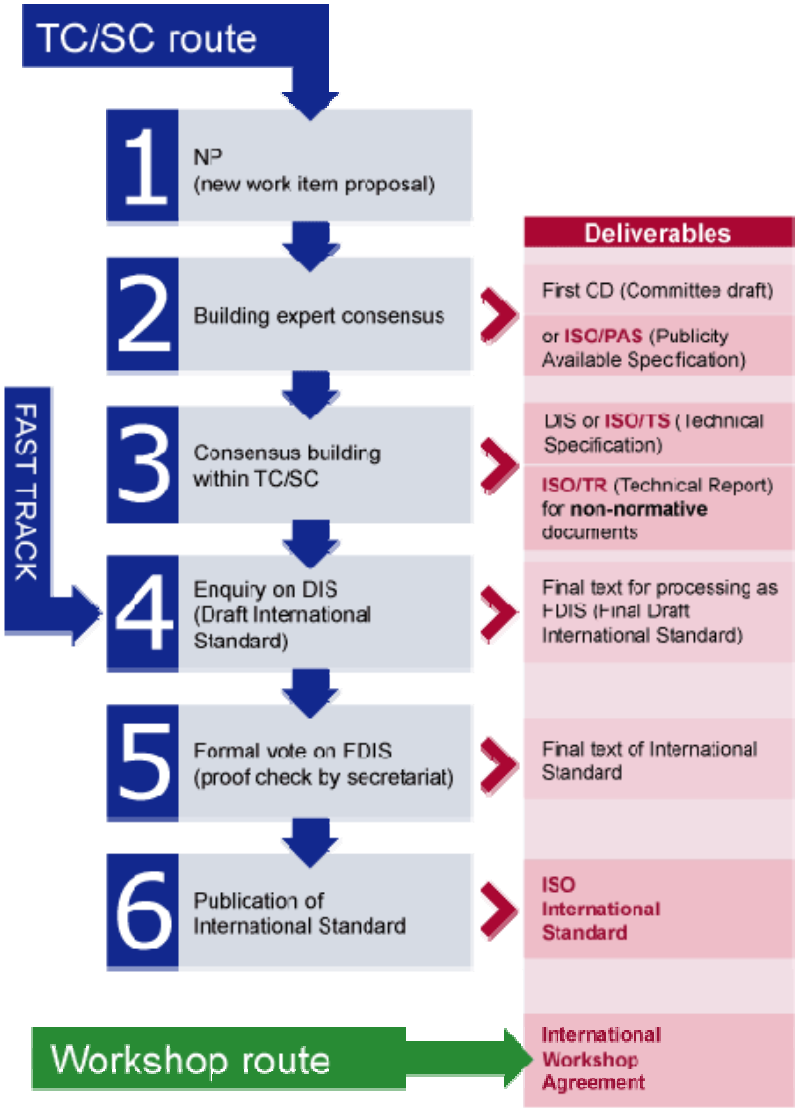
The development process

6 stages process, Double consensus approach

Project stages

1. **Proposal stage (NP): preparation of the NWI proposal**
2. **Preparatory stage (WD): development of draft by experts, within WG**
   Establishment of consensus among experts
3. **Committee stage (CD): draft under review by P members of TC/SC**
   Establishment of consensus among National members
4. **Enquiry stage (DIS): carried out by ISOCS to all ISO NBs**
   Consensus among all ISO members
5. **Approval stage (FDIS): carried out by ISOCS to all ISO NBs**
   Consensus among all ISO members
6. **Publication stage (IS)**

Schematic representation of ISO deliverables



ISO’s international network

- WTO : TBT, SPS and GATS (services) agreements
- UN and UN agencies: CODEX, ILO, IMO, ITC, UN/ECE, UNIDO, WHO, WTO-OMT
- 591 liaisons with international organizations in technical work
- Links with six regional bodies (ACCSQ, AIDMO, ARSO, CEN, COPANT, EASC) and PASC
- Economic actors: Accreditation: IAF and ILAC, Consumers International, ICC, IFAN, World Economic Forum, etc…

ISO's global networking

- WTO: observer status and collaboration
- UN and UN agencies: CODEX, ILO, IMO, ITC, UPU, UN/ECE, UNIDO, WHO, WMO, WTO-Tourism,...
- World Customs Organization (WCO)
- Over 700 liaisons and partnerships with international and regional organizations in technical work
- Links with seven regional bodies (ACCSQ, AIDMO, ARSO, CEN, COPANT, EASC, PASC)
- Economic actors: Accreditation: IAF and ILAC, Consumers International, ICC, IFAN, World Economic Forum, World Energy Council, etc…