

ISO/IEC JTC1/SC7 /N3388

2005-11-11

Document Type	Presentation
Title	SC7 Chairman Presentation to the JTC 1 Plenary, Banff, Canada, 2005-11-11
Source	SC7 Chairman
Project	
Status	Final
Reference	
Action ID	FYI or ACT
Due Date	
Distribution	AG
No. of Pages	14
Note	

Address reply to: ISO/IEC JTC1/SC7 Secretariat
École de technologie supérieure – Département de Software and IT Engineering
1100 Notre Dame Ouest, Montréal, Québec Canada H3C 1K3
secretariat@jtc1-sc7.org

www.jtc1-sc7.org

SC7 Chairman Presentation

to the

ISO/IEC JTC 1

PLENARY

Banff, 2005-11-11

François Coallier

SC7 Chairman

École de technologie supérieure

francois.coallier @etsmtl.ca

SC7 Terms of Reference

Standardization of processes, supporting tools and supporting technologies for the engineering of software products and systems

Why are standards important in IT?

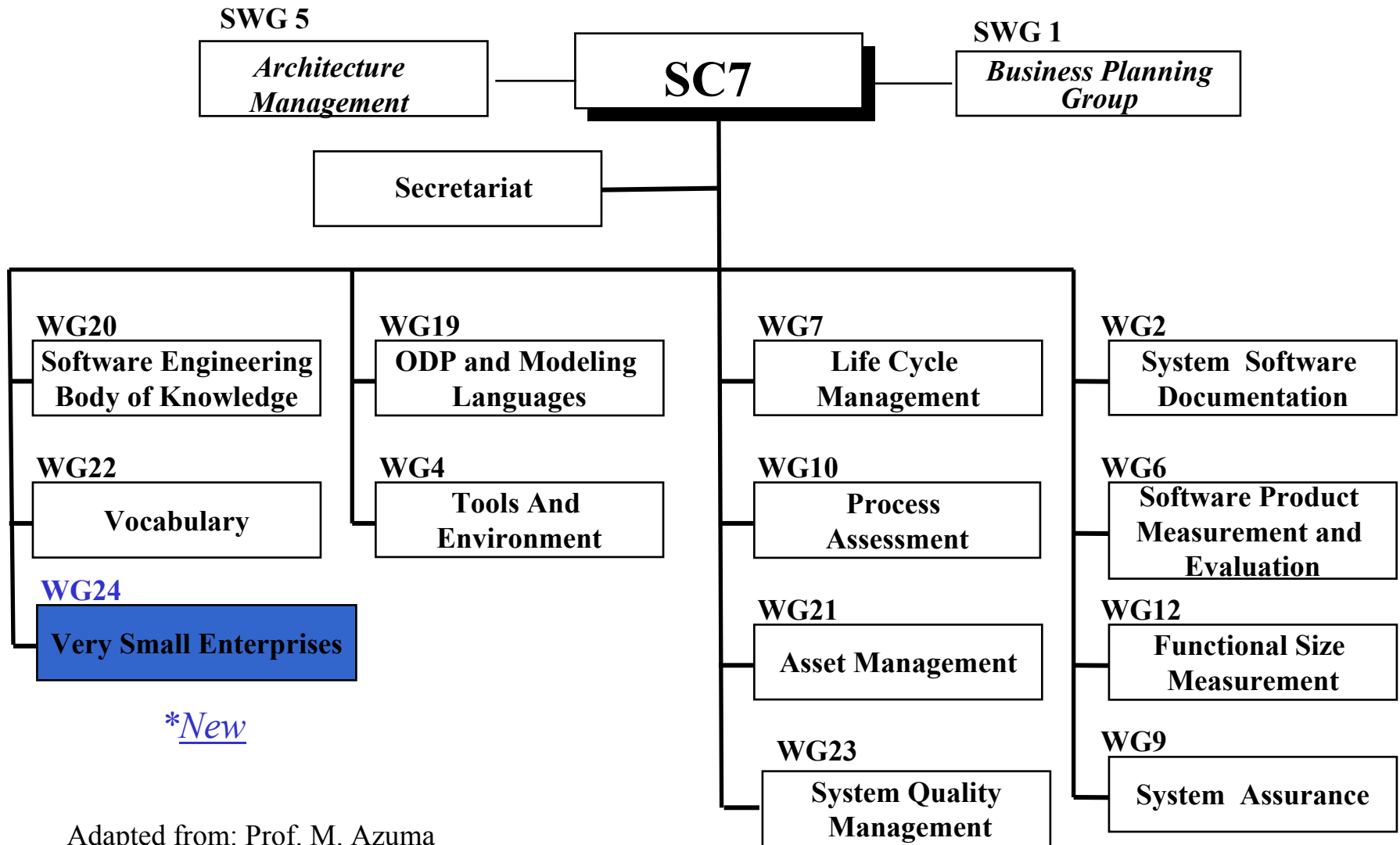
One perspective – Global interoperability:

- Between machines/components
- Between people
- Between organizations

SC7 Contributions

- > Enable the creation of markets
- > Enable commercial activities
- > Enable functional products
- > Enable functional infrastructures
- > Enable the perinity of digital information
- >

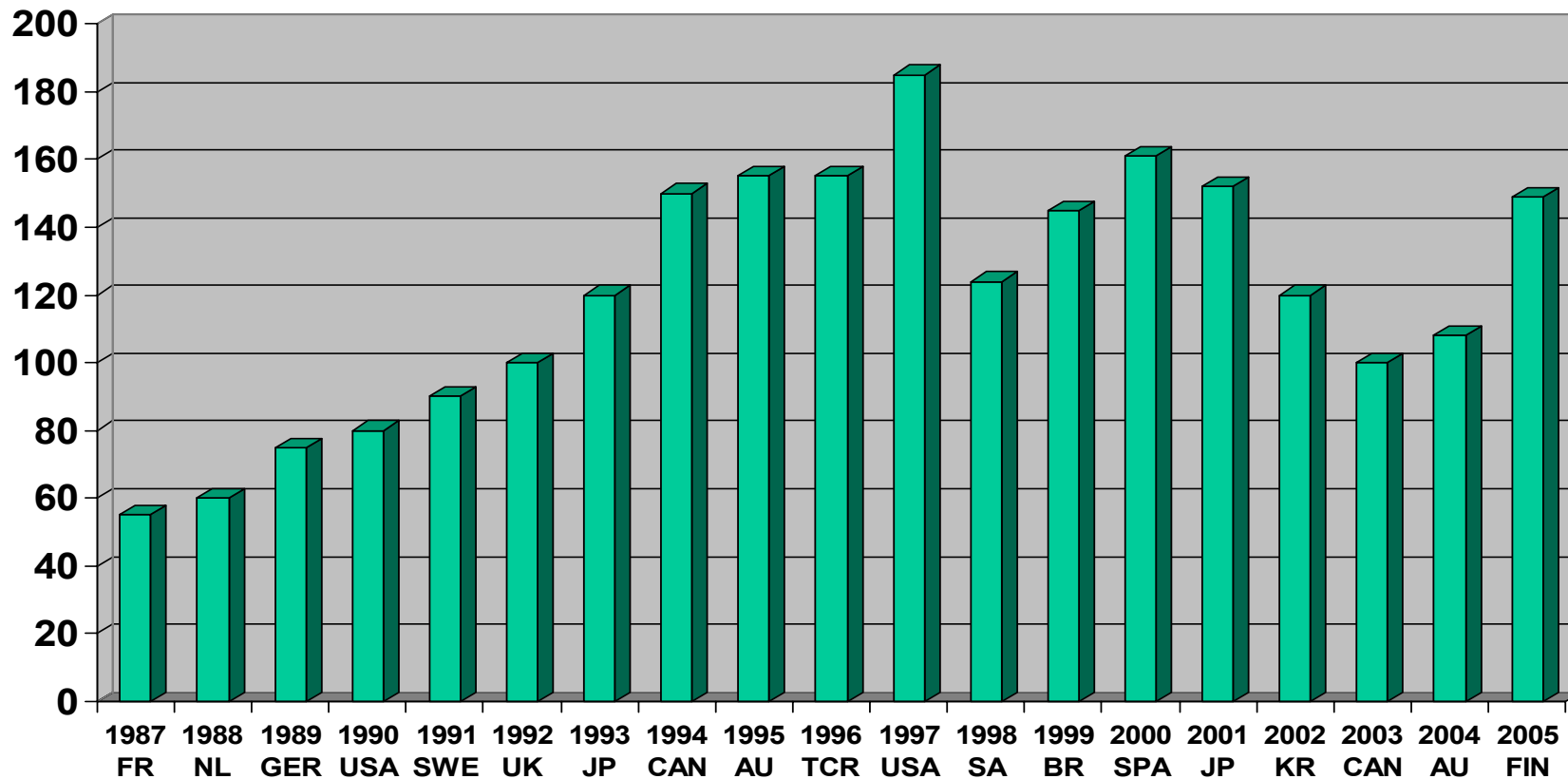
SC7 Structure



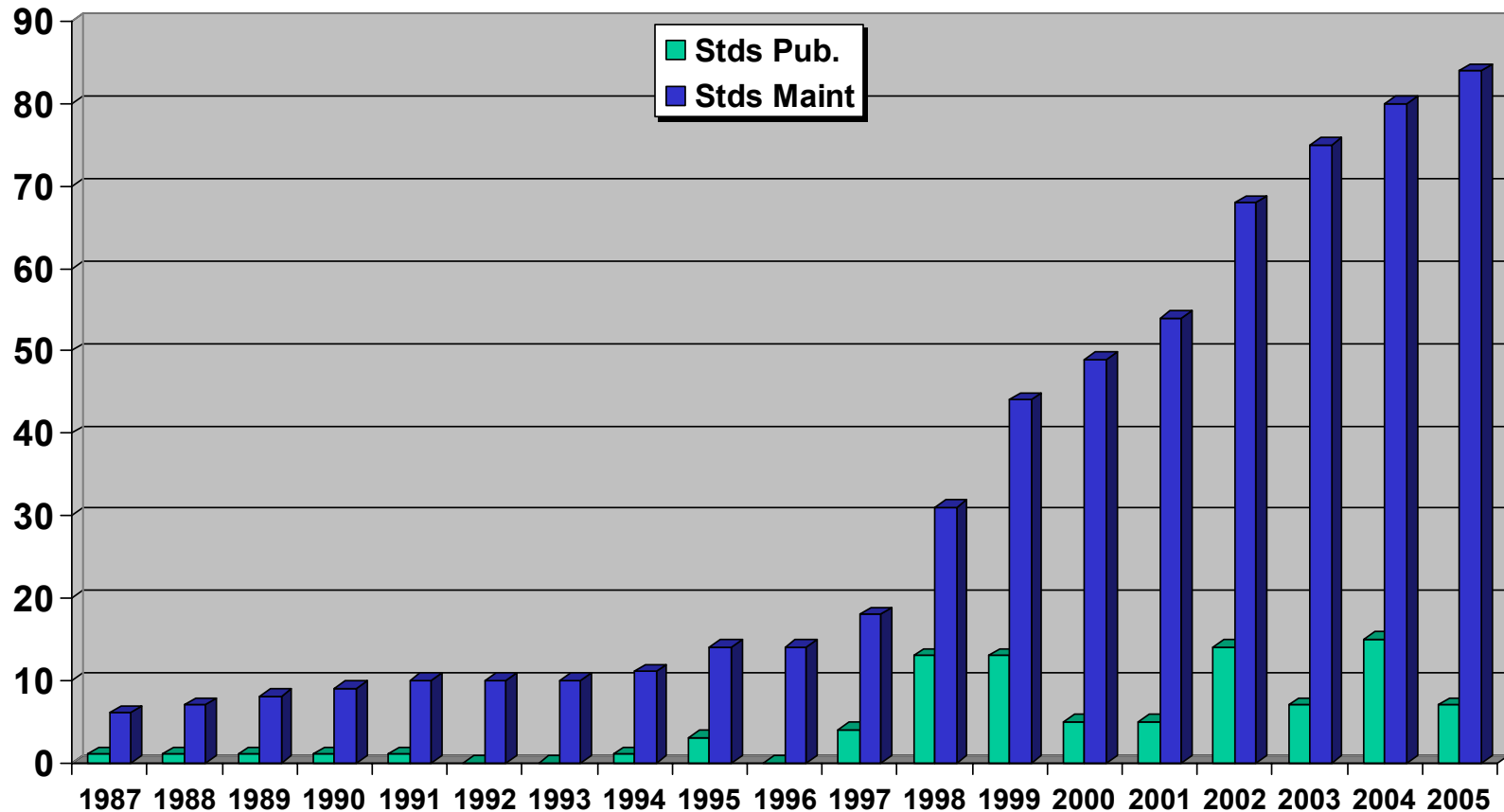
**New*

Adapted from: Prof. M. Azuma

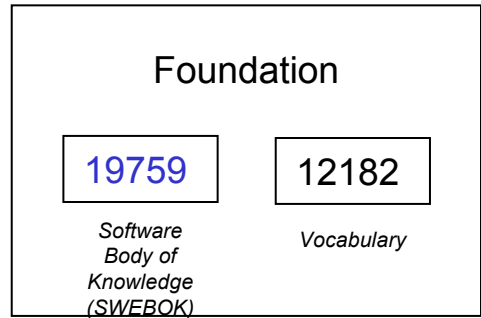
Plenary attendance statistics



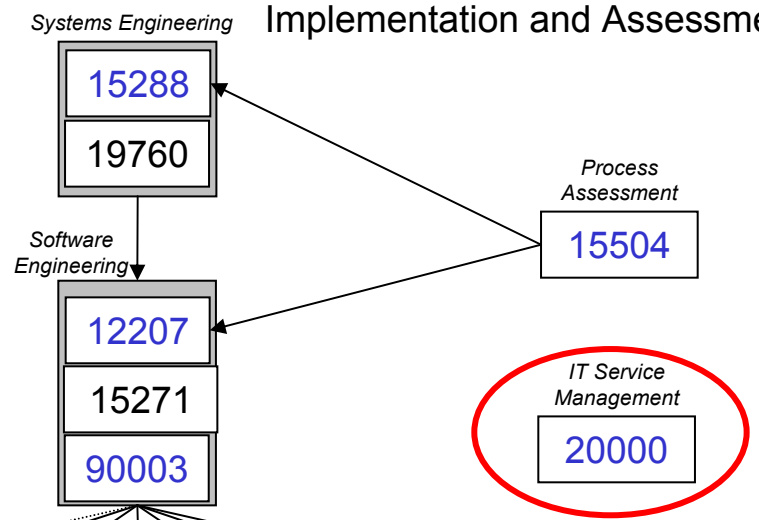
Standards Produced and Maintained by SC7



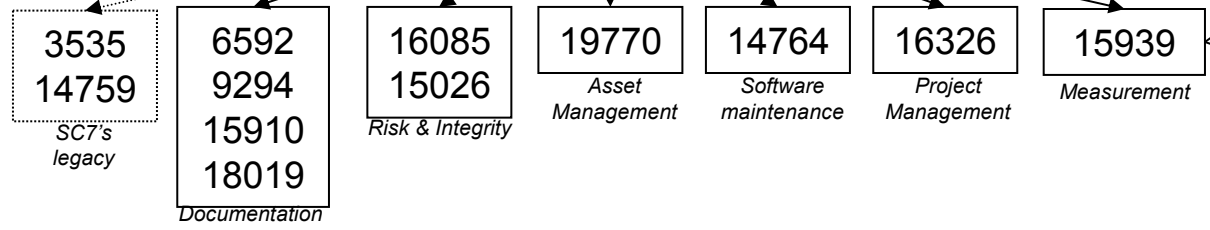
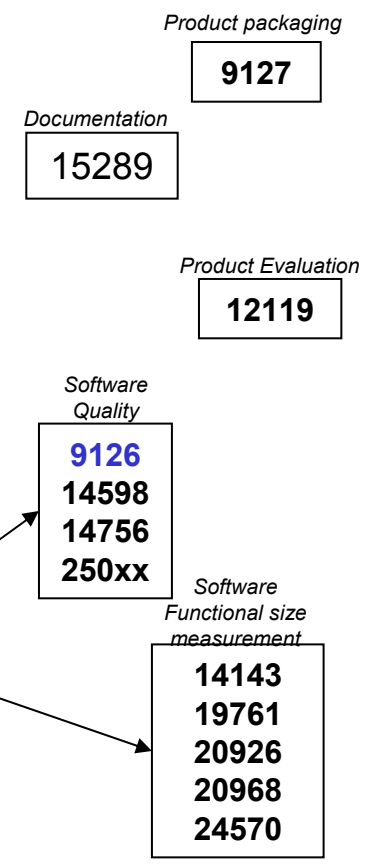
*Does not includes 10 documents at DIS/FDIS stage



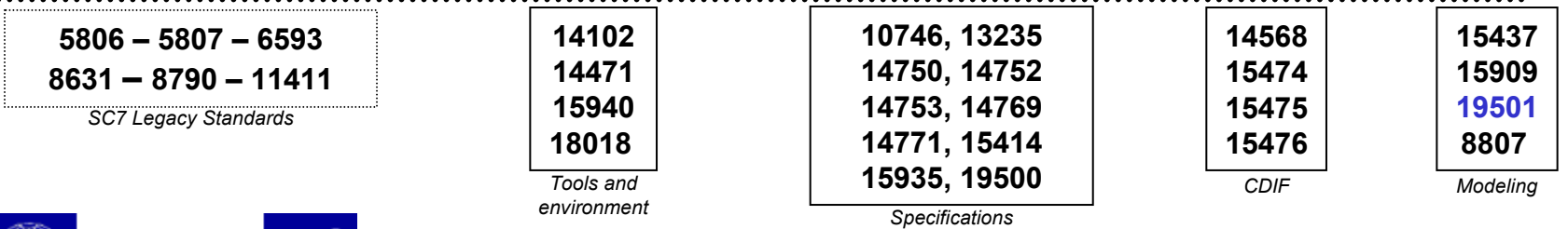
Process Implementation and Assessment



Product



Tools, Methods



Key Accomplishments

- Publication of TR19759 SWEBOK
- Completion of all current parts of IS 15504 Process Assessment
- Completion of Fast Track of DIS 20 000-1 & 2 IT Service Management
- Establishment of A liaison with itSMF

Key Strategic Directions

- Respond to the evolution of the global IT market and of IT technologies
 - Increase globalization of IT Services
 - Growing importance of IT operations services
 - Growing importance of Systems Integration
 - Continual increase in IT ubiquity
 - Continual increase in the importance of the global IT infrastructure to the global economy

Key Strategic Directions (2)

- Continue:
 - Increase integration and harmonization of SC7 standards
 - Increase coverage of Systems Engineering
 - Increase harmonization of Software and Systems Engineering Standards
 - Integration of SC7 standards with IEEE's
 - Work closely with strategic partners:
 - IEEE, INCOSE, OMG, ITU-T, itSMF.

Active Study Groups

- **Study Group on Interoperability**
- **Study Group on Requirements Process**
- **Study Group on Service Delivery and Management, ITC Governance**
- **Study Group on Non-Developed Components.**
- **Study Group on Architecture Description**
- Study Group on Review of TR 14143-3 – Functional Size Measurement – Validation and Verification
- Study Group on Review of TR 14143-4 – Functional Size Measurement – Reference Models

New Developments

- Software Engineering Certification
- Software architecture
- Systems Engineering
- IT Services and Operations
- Data Quality
- Very Small Enterprise Guidance

Some Marketing Initiatives

- Standard Seminar, Helsinki, 2005-05-20 (before SC7 Plenary)
- 6th International SPICE Conference on Software Process Improvement and Capability dEtermination (SPICE'2006), May 3-5 2006, Luxembourg
- Proposal for SC7 'Standards Packages' to ISO under elaboration
- Multiple presentations by SC7 technical experts at professional conferences

For further details..

- SC7 Web Site

<http://www.jtc1-sc7.org/>

- Planning Documents

‘Planning’ tab on SC7 Web site

http://142.137.17.56/Labo_Recherche/Lrg1/sc7/bpg.html