



ISO/IEC JTC1/SC7
Software Engineering
Secretariat: CANADA (SCC)

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2000-11-14

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Tromsø, Norway, November 2000.

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Project

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References

Action ID FYI or ACT

Due Date

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Distribution SC7_AG, JTC1 Sec.

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No. of Pages 12

Note

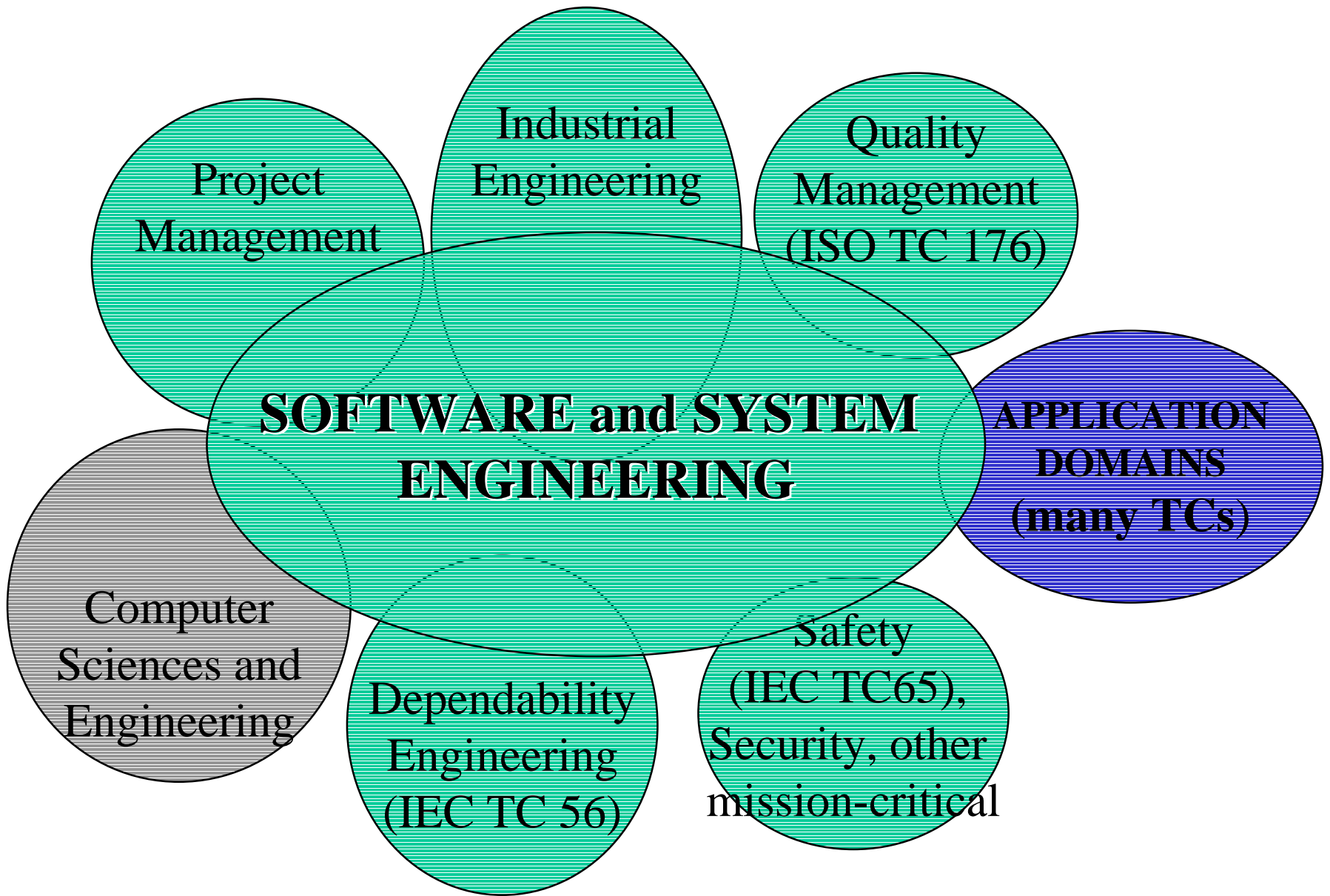
ISO/IEC JTC 1 PLENARY MEETING

TROMSØ, 2000-11
SC7 Chairman Presentation

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SC7 TERMS OF REFERENCE

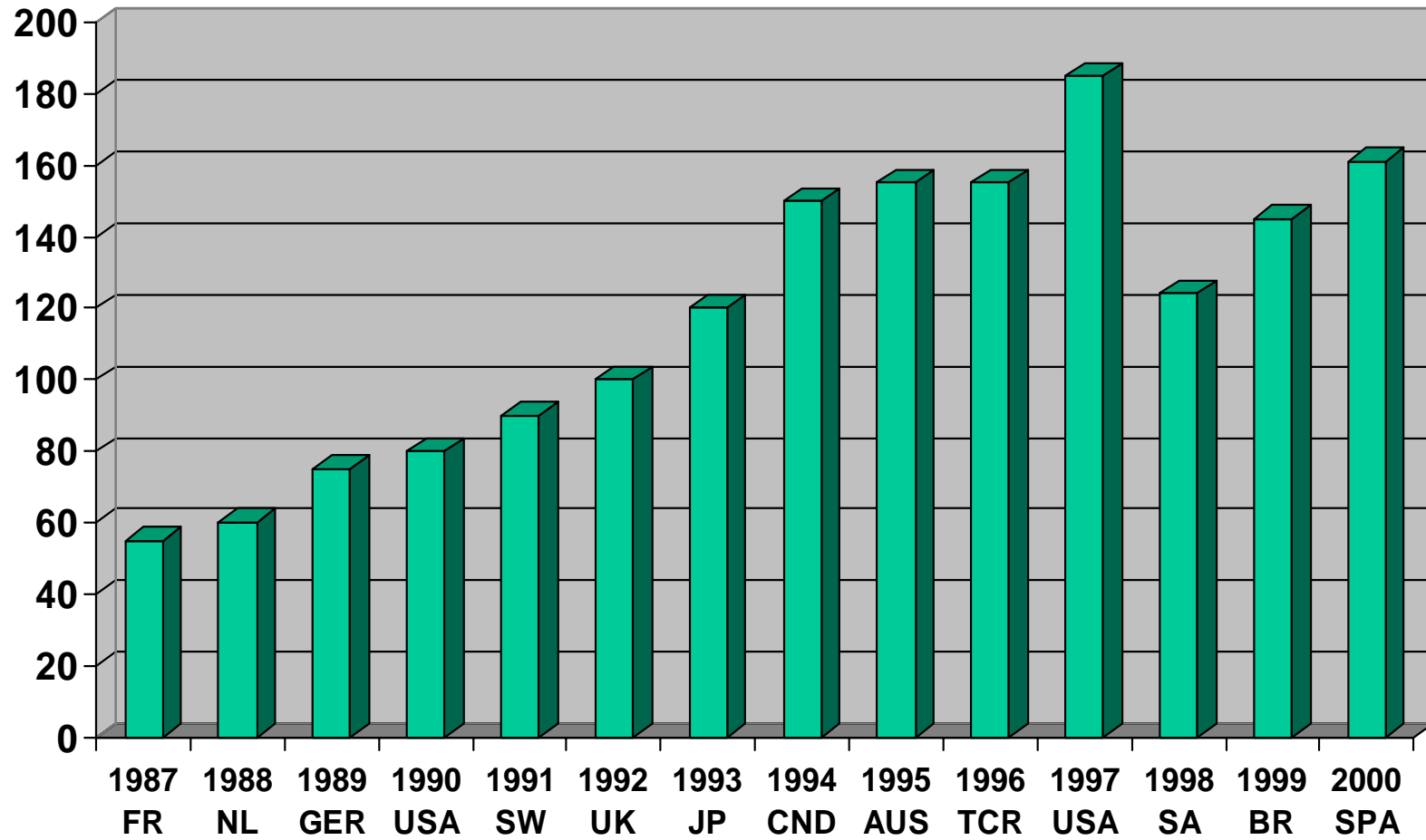
Standardization of processes, supporting tools and supporting technologies for the engineering of software products and systems

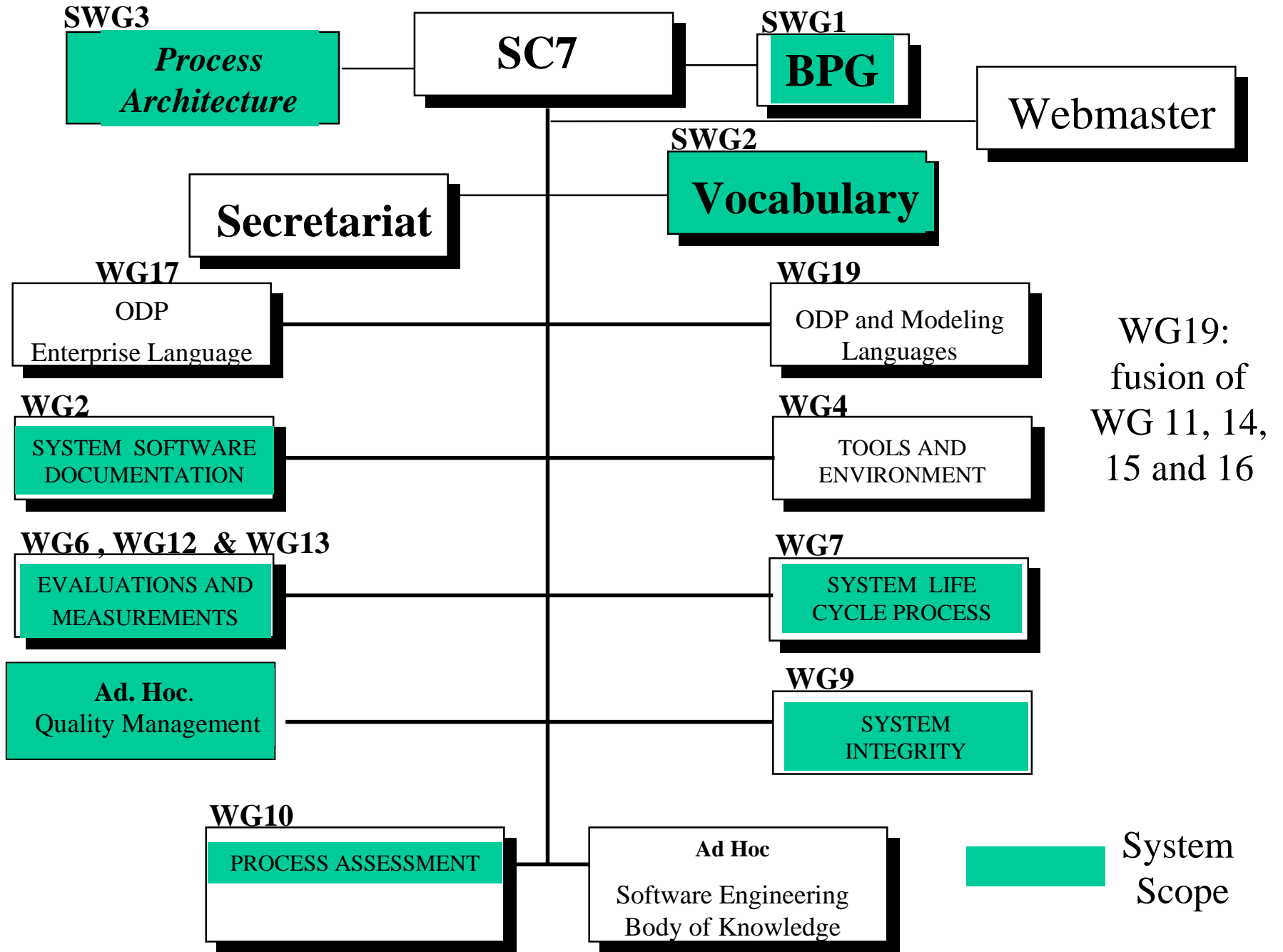


SC7 History

- **1987 - Formation of JTC1/ SC7**
- **1990 - First Business Plan published**
- **1991:**
 - **Name changed to Software Engineering**
 - **Publication of ISO/IEC 9126**
- **1994 - The concept of product plan was proposed to SC7**
- **1995 - Publication of ISO/IEC 12207**
- **1996 - Publication of the first edition of the SC7 Product Plan**
- **1997:**
 - **Terms of references broadened to Software Systems**
 - **First Business Planning Workshop**
 - **Vocabulary and BPG SWG established**
- **1998:**
 - **Transfer of ODP and E-LOTOS projects from SC33**
 - **Process architecture**
- **2000 - Request to change name to *Software and System Engineering***

Plenary Attendance



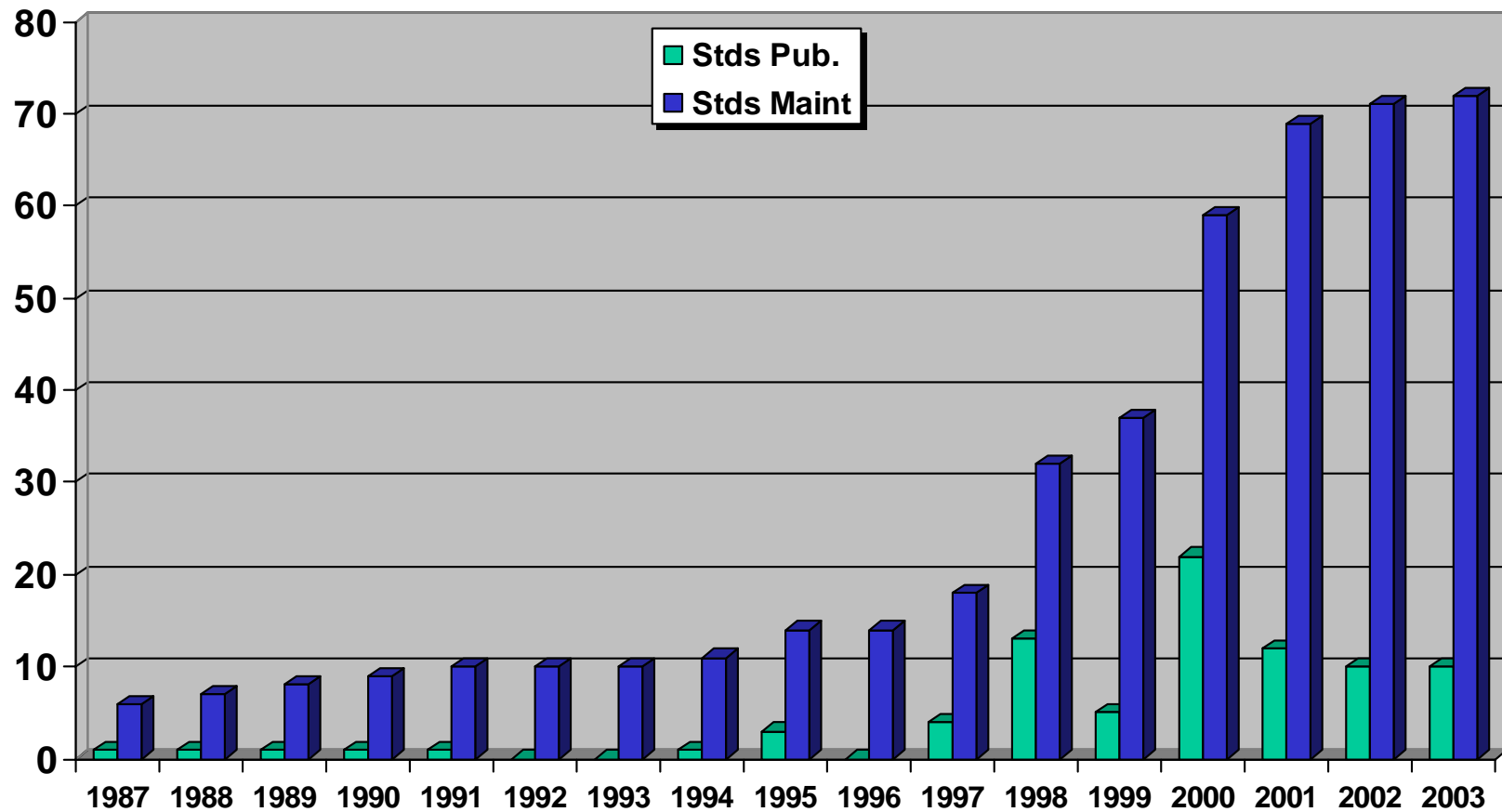


Document Production

	1997 Docs	1998 Docs	1999 Docs	2000 Docs	2001	2002
(F)DIS / DTRs progressed to IS / TR status	11	13	5			
FCDs progressed to (F)DIS		19	5	1		
CDs / PDTRs progressed to FCD/DIS/DTR	13	8	8	12		
WDs were progressed to CD / PDTR	8	3	1	3		
New Work Items	2	2	1	3		
PAS and Fast Tracks				2	[10]	[10]
Projects Completed	11	13	5	[21]		

SC7 Production (est.)

(No new NWI assumed - exclude dependability)



STANDARDS PUBLISHED

1999

- IS 14598-4: Software Engineering - Product Evaluation
Part 4: Process for acquirers
- TR 14759: Software engineering - Mock up and prototype
- A categorization of software mock up and prototype
models and their use.
- TR 14471 - Software Engineering - Guidelines for the
adoption of CASE tools
- IS 6592:1999 - Information Technology - Guidelines for
the documentation of computer based application systems
- ISO/IEC TR 16326: Software Engineering - Guide for the
application of ISO/IEC 12207 to project management.

2000 View

- 14756: Software Engineering - Measurement and rating of performance of computer-based software systems.
- 14598-3: Software Engineering - Product evaluation - Part 3: Process for developers
- 14598-2: Software Engineering - Product Evaluation - Part 2: Planning and management.
- 16326: Software Engineering - Project management
- 14764: Software Engineering - Software Maintenance
- 14598-6: Software Engineering - Product evaluation - Part 6: Documentation of evaluation modules
- 15474: Software Engineering - CDIF Framework - Parts 1 and 2
- 15475 Software Engineering - CDIF Transfer Format - Parts 1, 2 and 3
- 15476: Software Engineering - CDIF Semantic Metamodel - Parts 1,2,4,5
- 15910 Software Engineering - User Documentation Process
- 15437: Information technology - Enhancements to LOTOS (E-LOTOS)
- 15909 Software Engineering - High-level Petri Nets - Concepts, Definitions and Graphical Notation
- 9126-1 Software Engineering - Product quality - Part 1: Quality model
- 14753 - Information Technology - Open Distributed Processing - Interface references and Binding.
- 14752 - Information Technology - Open Distributed Processing - Protocol support for computational interactions.

New Areas

Formally under considerations

- Ad Hoc on Quality Management
- Ad Hoc on Software Engineering Body of Knowledge
- Study Group on System Engineering Practices
- Study Group on Software System Dependability and Reliability
- Study Group on Asset and Software License Management
- Study Group on IEEE Computer Society Standards

Study Group on IEEE CS Standards

Mandate: to jointly investigate with the IEEE-CS IEEE standards and work in progress in at least the following areas for potential processing by JTC 1/SC7:

- Internet Web site development practices
- Re-use
- Architecture Description and Modeling Languages
- Risk management
- Vocabulary