

# Today's Standards – Tomorrow's Networks

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## Timeline Ethernet

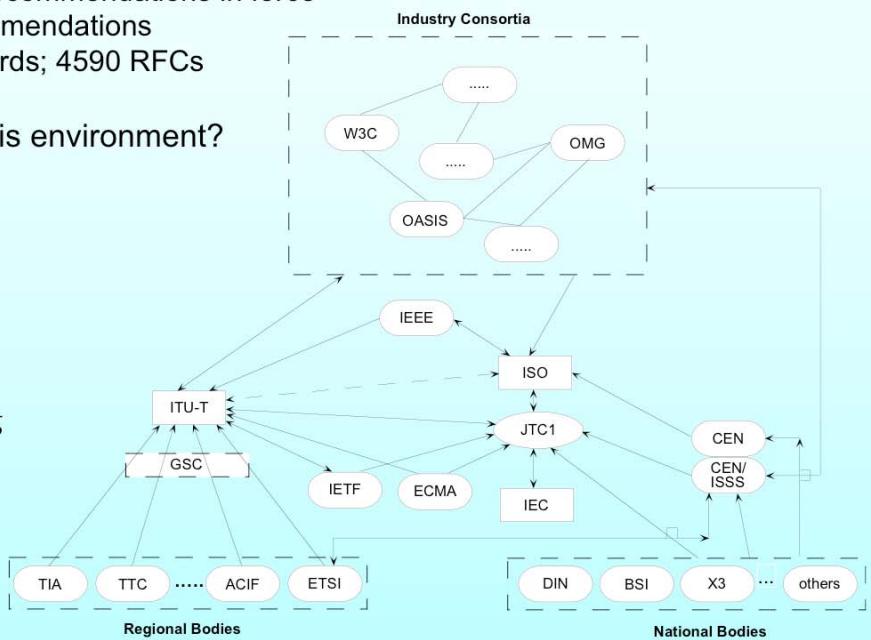
	1971	1973	1980	1985
	first LAN	Ethernet		start 802
				802.3 adopted by IEEE

## Competition and Co-operation

3 int. SDOs  
10 regional SDOs  
>120 NSO  
>320 consortia

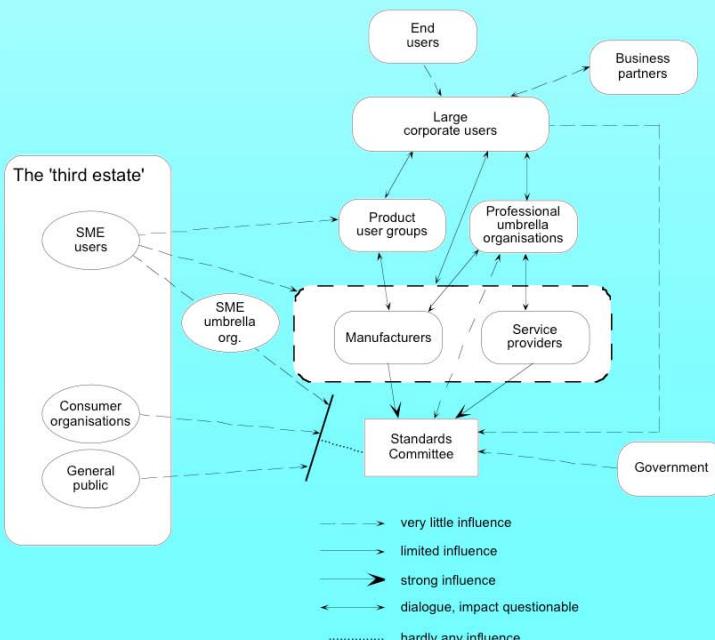
JTC1: 538 Standards  
ITU-T: >2900 Recommendations in force  
W3C: 91 Recommendations  
IETF: 87 Standards; 4590 RFCs

How to achieve interoperability in this environment?



## Participation in Standards Setting

Working groups are dominated by vendors and service providers; users and SMEs are hardly represented at all.



How can standards meet user requirements?

## Research questions:

- How important is user participation in standards setting?
- How to determine which stakeholders should be present at which standardisation activity?  
How to ensure their participation?
- Is democracy in standards setting necessarily a good thing?
- If democracy in standards setting is to be achieved, how can barriers to entry be removed?