



ITU Kaleidoscope 2014

Living in a converged world - impossible without standards?

Standards as enablers for innovation in education – the breakdown of European pre-standardisation

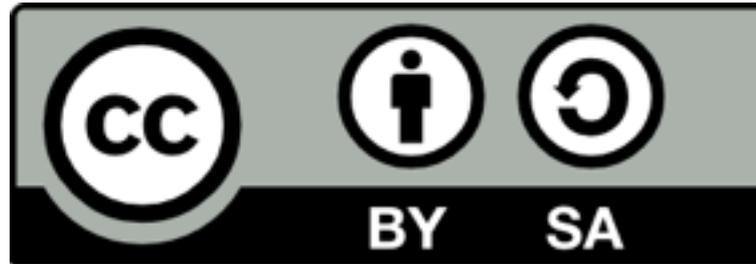
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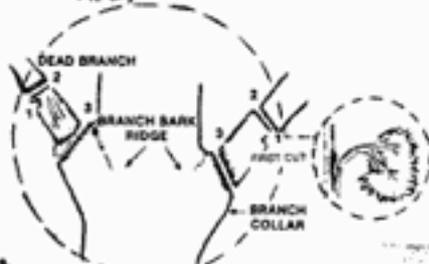
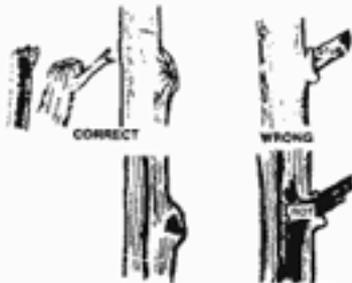
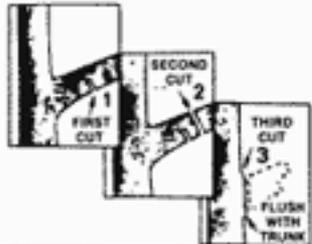
Battle of the Standard



22 August 1138 in Yorkshire, England.

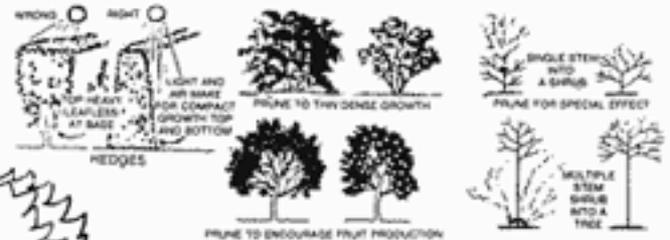
Constraint and enabler

HOW TO PRUNE A BRANCH



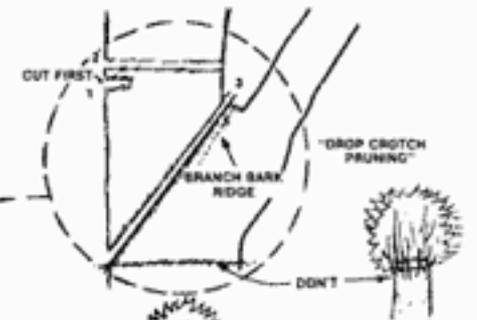
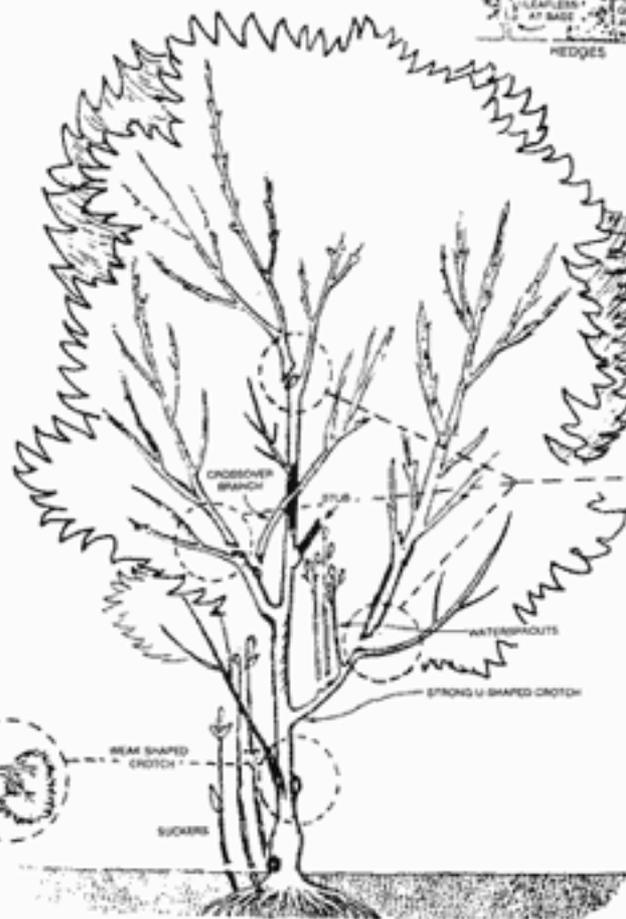
1. Do not leave stubs.
2. Do not cut into Branch Collar or the Branch Bark Ridge.

PRUNING STANDARDS



Do pruning between February and October.
If new growth that is stimulated may be damaged by frost.

REDUCING TREE SIZE To Minimize Wind Damage



B. R. Rock

The important Role of the Gardener



the modern
paradigm for
standards

*September 24th
2013*

**The
Death
of
CEN WS/LT**

*September 25th
2013*

**The launch of
EU's
Opening Up
Education**

open-stand.org

The Battle of CEN Workshop on Learning Technologies

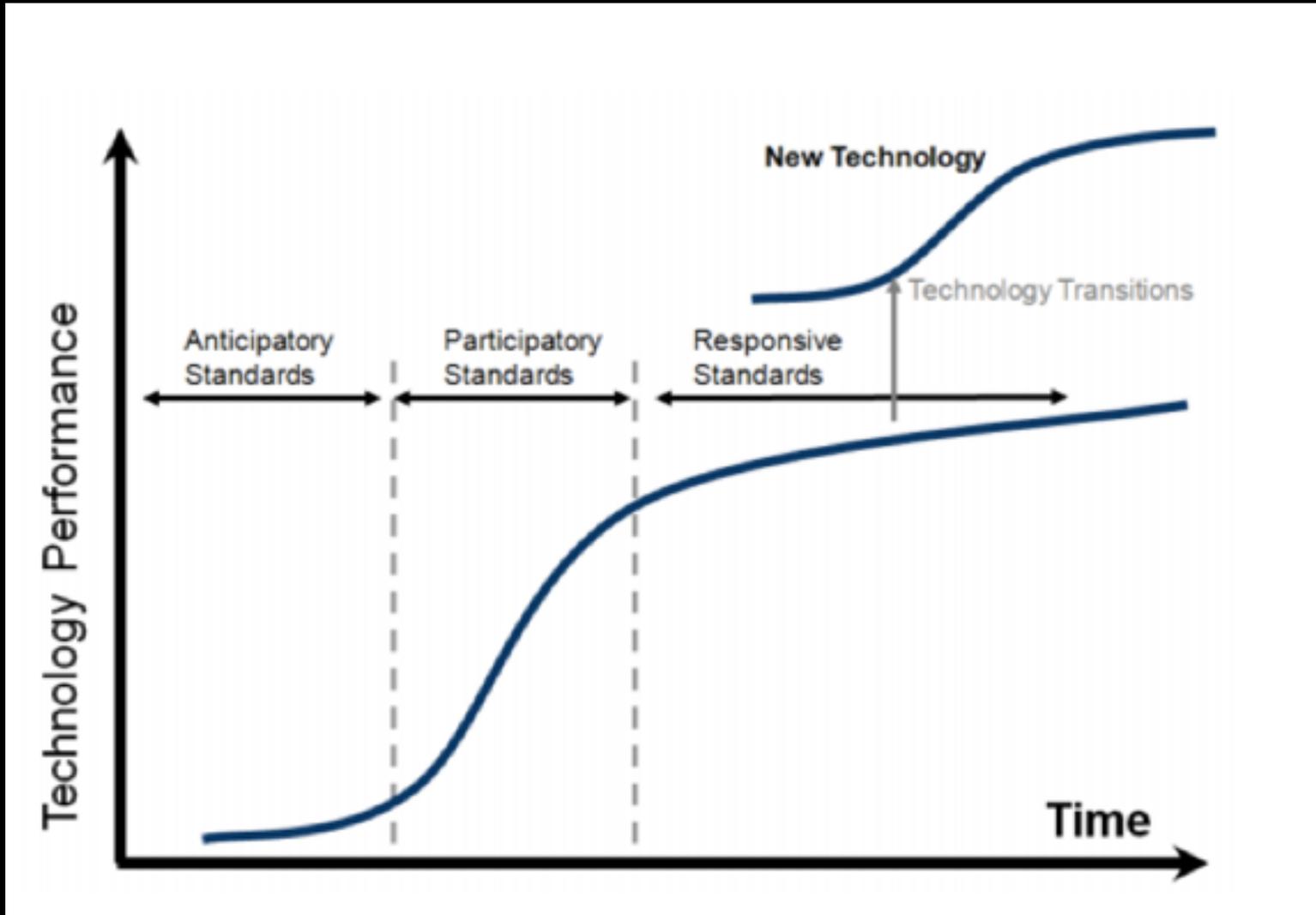
«The policy officer [responsible for the implementation of the European Union Opening Up Education Action plan] made it clear that by open standards was meant free-of-charge specifications (which is clearly clashing with CEN's business model)...»

(CEN/CENELEC, 2013).

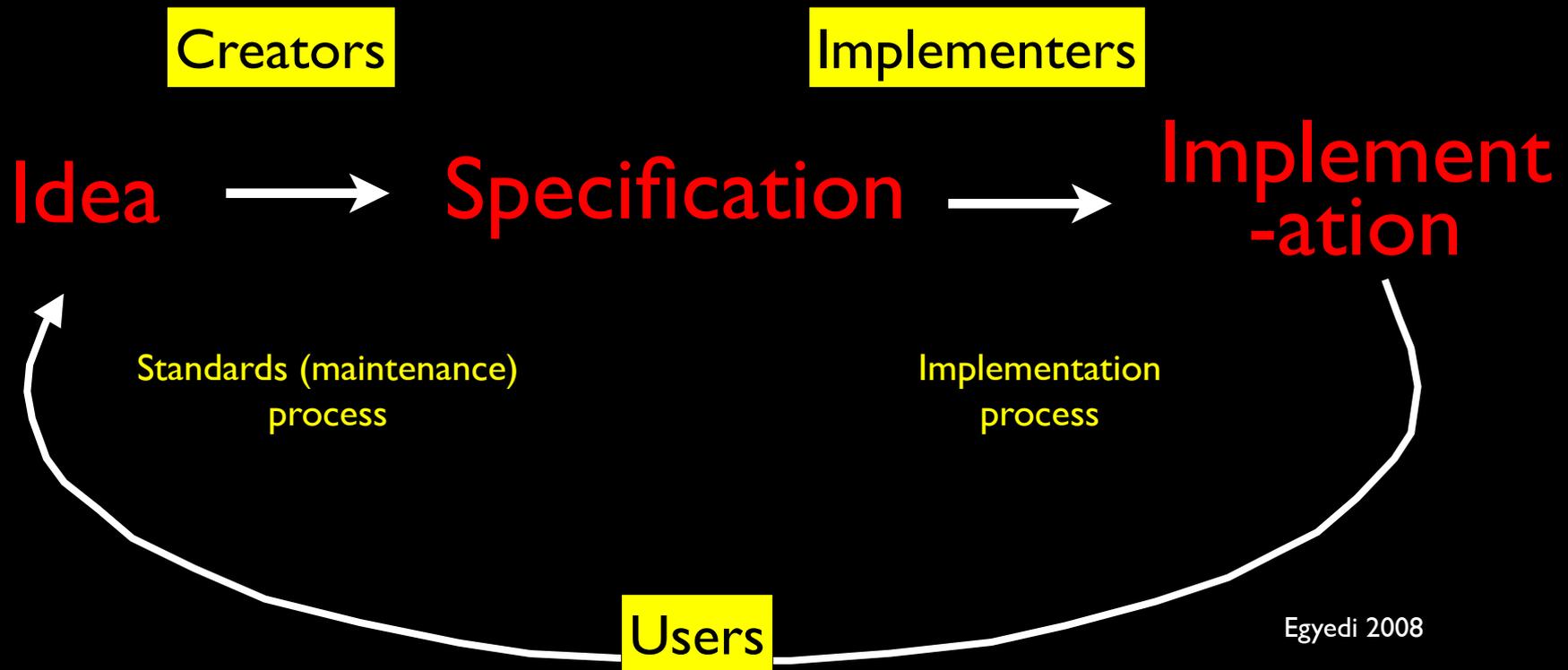


Innovation in our domain

Learning Technology Transitions



The standardisation process

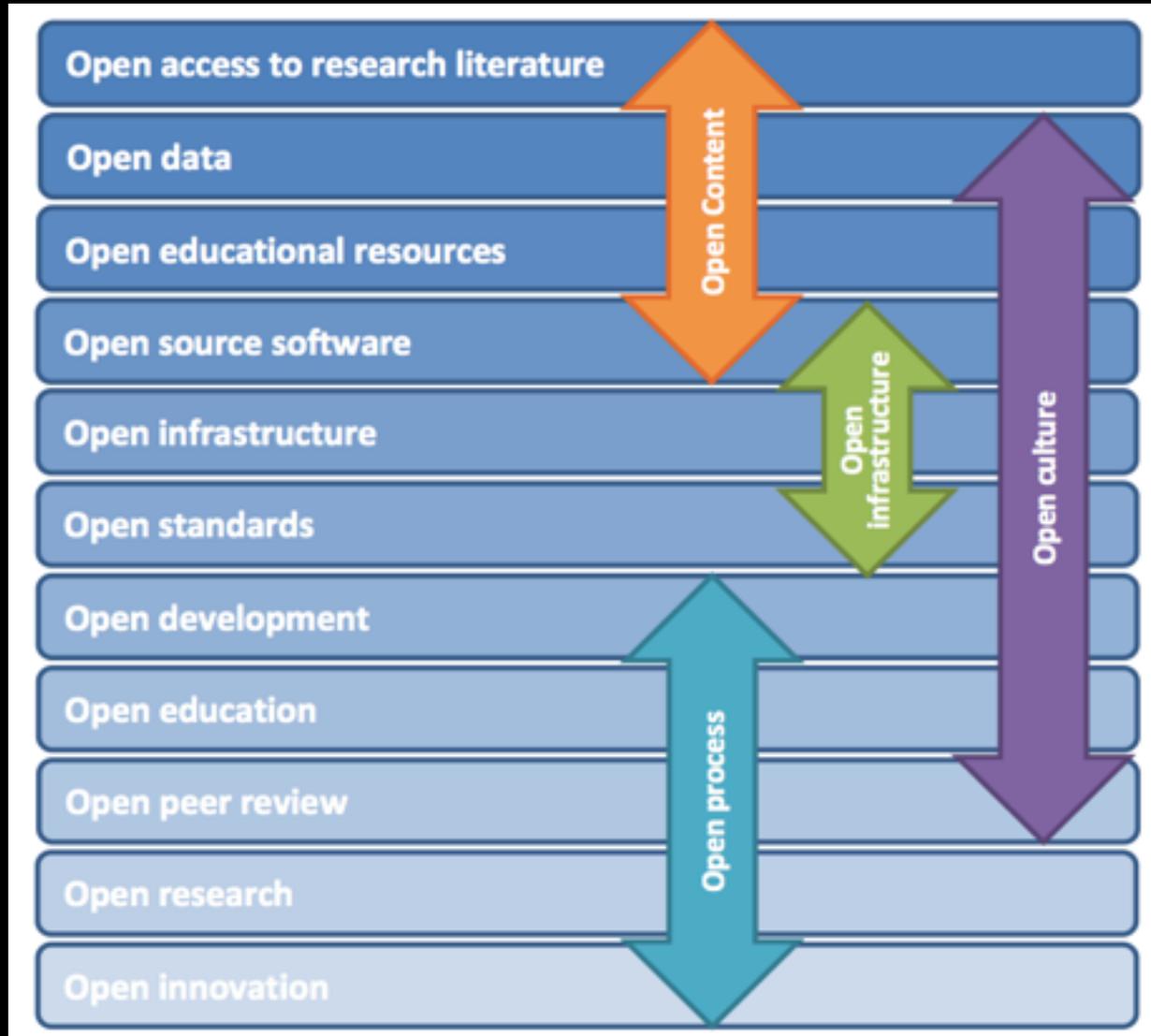


Creators, implementers and users see openness differently

		Stakeholders		
	Requirements	Creator	Implementer	User
1	Open Meeting	x		
2	Consensus	x		
3	Due Process	x		
4	One World	x	x	x
5	Open IPR	x	x	x
6	Open Change	x	x	x
7	Open Documents		x	x
8	Open Interface		x	x
9	Open Access		x	x
10	On-going Support			x

Ken Krechmer (2005) Open Standards Requirements

The range of Opens



e-InfraNet: 'Open' as the default modus operandi for research and higher education

<http://e-infranet.eu/output/e-infranet-open-as-the-default-modus-operandi-for-research-and-higher-education/>

R&D,
Standards development,
and implementation are
intertwined ...

... standard bodies should
update their business
models support open
innovation