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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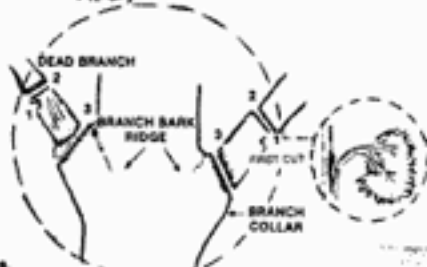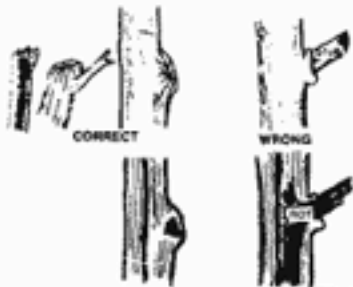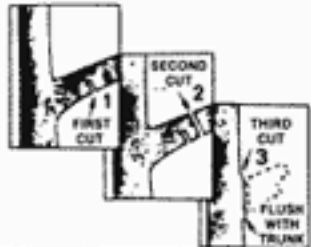
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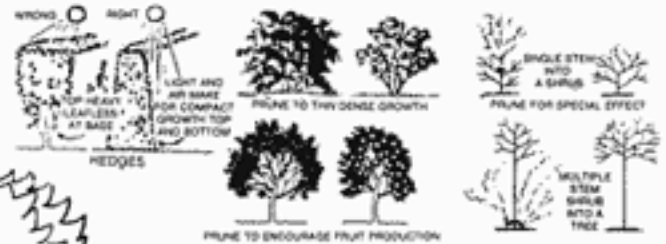
Battle of the Standard

22 August 1138 in Yorkshire, England.

Constraint *and* enabler
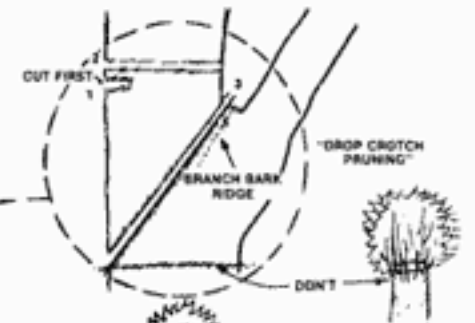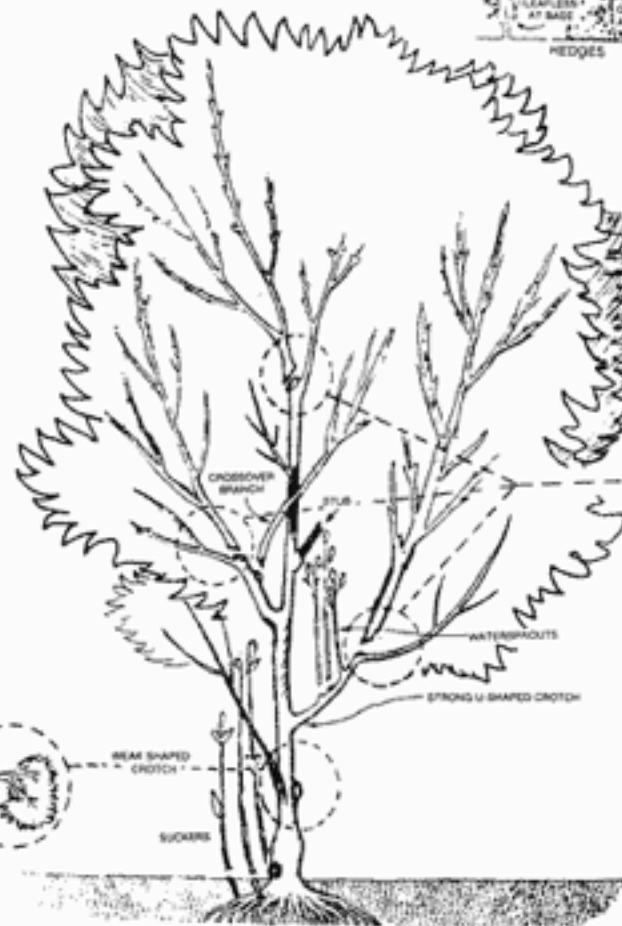
The important Role of the Gardener

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)…»

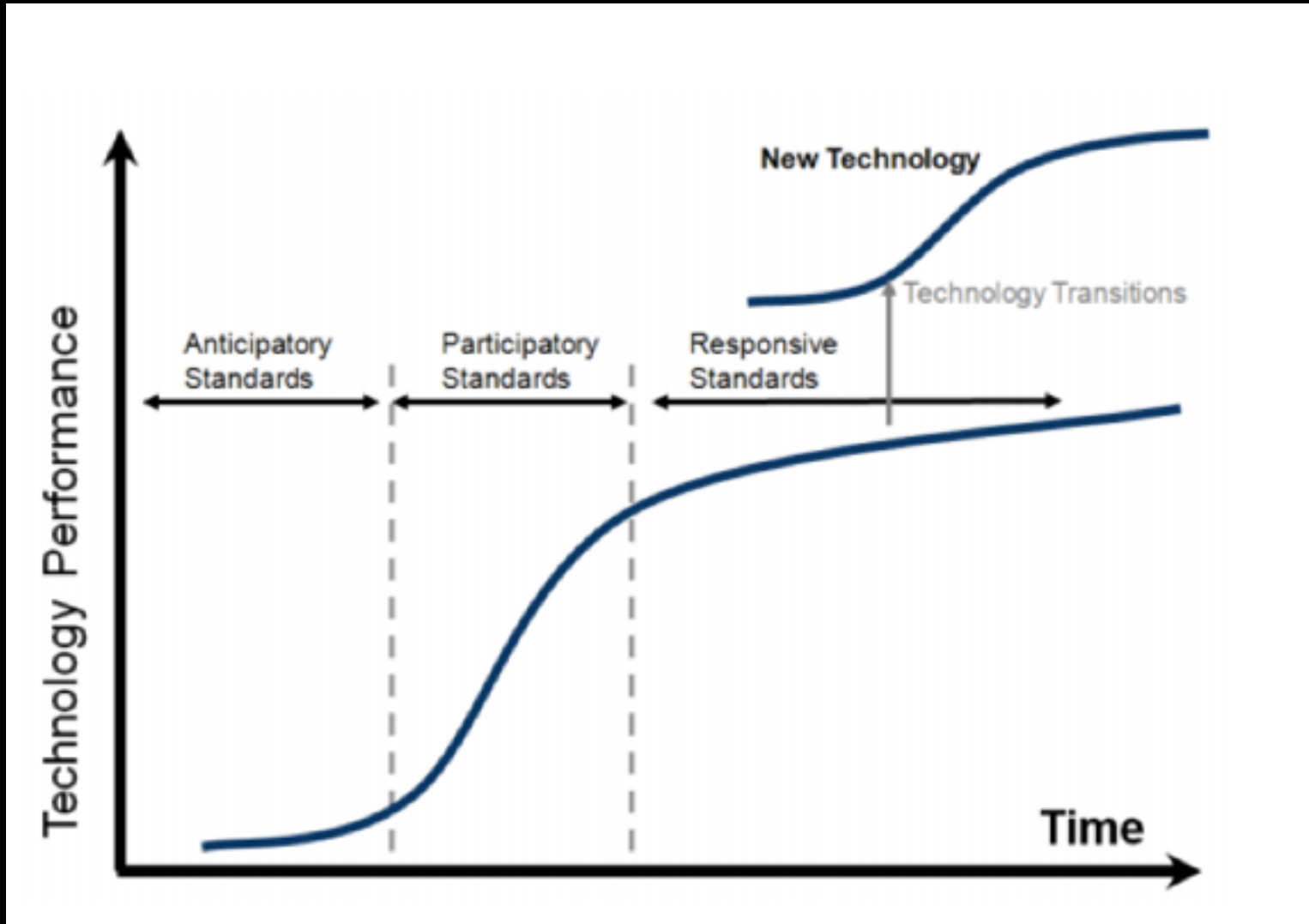(CEN/CENELEC, 2013).
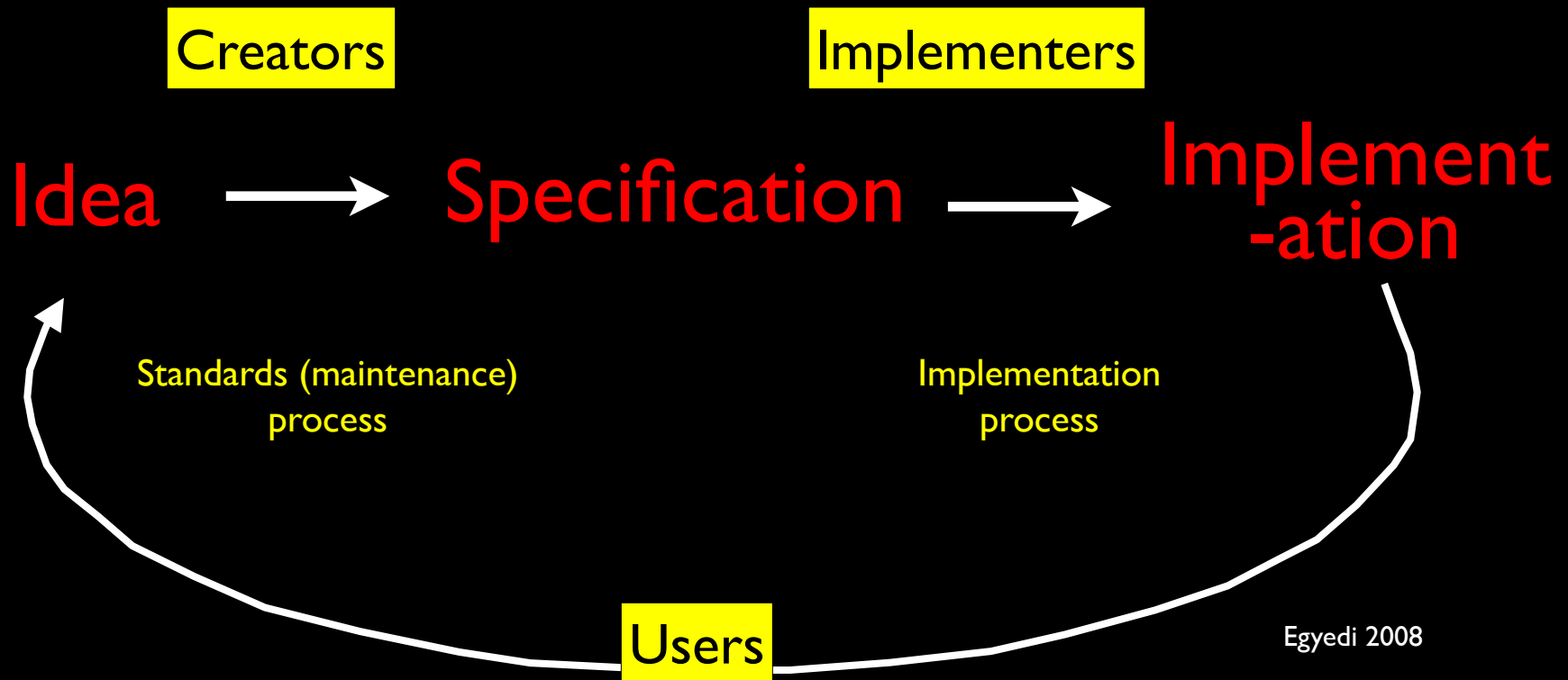
Innovation in our domain

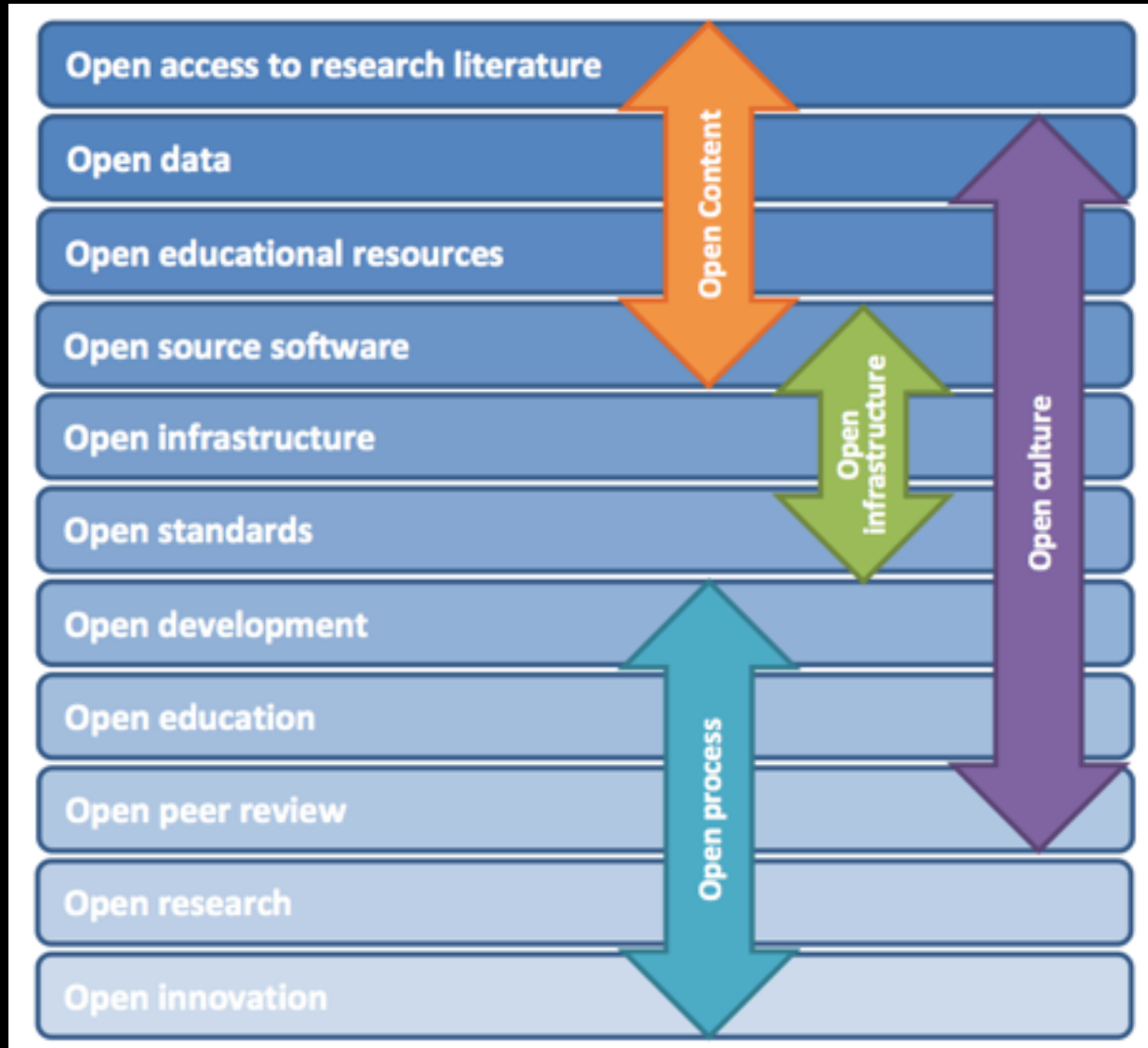# Learning Technology Transitions

The standardisation process

Creators

Implementers

Idea → Specification → Implement-ation

Standards (maintenance) process

Implementation process

Users

Egyedi 2008

Creators, implementers and users see openness differently

	Requirements	Stakeholders		
		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

Open access to research literature
Open data
Open educational resources
Open source software
Open infrastructure
Open standards
Open development
Open education
Open peer review
Open research
Open innovation

Open Content
Open infrastructure
Open culture
Open process

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

… standard bodies should update their business models support open innovation