Living in a converged world - impossible without standards?

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

Tore Hoel
Oslo and Akershus University College of Applied Sciences
tore.hoel@hioa.no
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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 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

Sherif 2001
The standardisation process

Idea -> Specification -> Implementation

Creators
Implementers

Standards (maintenance) process
Implementation process

Users

Egyedi 2008
Creators, implementers and users see openness differently

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<th>User</th>
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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

https://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