Lifelong Learning and the Impact of R&D in TEL

Hindering factors to TEL (and research) include:
- previously established practices
- one bad experience in testing can have the negative domino effect - one thing doesn't work and the whole system is rejected
- usability
- equipment
- access

The promise of broadening of access has not been delivered:
- research results originating from the world of formal education are not necessarily adaptable or valid to the real world

Research questions:
- research priorities
- R that is scalable
- profiling learners
- problem solving, encapsulating, documenting and sharing of knowledge
- credibility of knowledge resources
- identity management
- inspiring trust among learners
- motivating and promoting sharing of knowledge
- collaborative learning
- role-taking / changes roles as part of LLL
- agile learning from mistakes
- make better mistakes next time
- VR as learning environment
- mobile learning
- cell phone - access to knowledge in the 21st century
- can technology make it possible for those to learn who would not learn otherwise?
- can technology open doors to learning
- how we maintain the motivation needed for Lifelong Learning?
- valorisation / recognition of all learning results independent of context
- accreditation of prior learning
- informal / non-formal
- transferability / portability
- long tail approach to learning
- democratising production
- democratising delivery
- social filtering

FP7 IST priorities:
- needs of business and individuals to acquire knowledge, skills, and competencies in the workplace
- individualisation of learning and the engagement and creativity - motivation and empowerment of the learner
- inquiry and problem-based learning including collaborative problem solving
- Living Lab for Learning
- government personnel should be trained to understand
- raise awareness of the consequences of research among the stakeholders
- practitioners working together with researchers and policy makers
- optimization stakeholder engagement

Recommendations for communication of research priorities and stakeholders:
- language
- target group specific
- simplification: making research results accessible
- validation of prototypes through open communities e.g. Kaleidoscope Stakeholders’ Club
- virtual validation

The gap between research and application risks to widen, when the funding does not cover activities of application.
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