



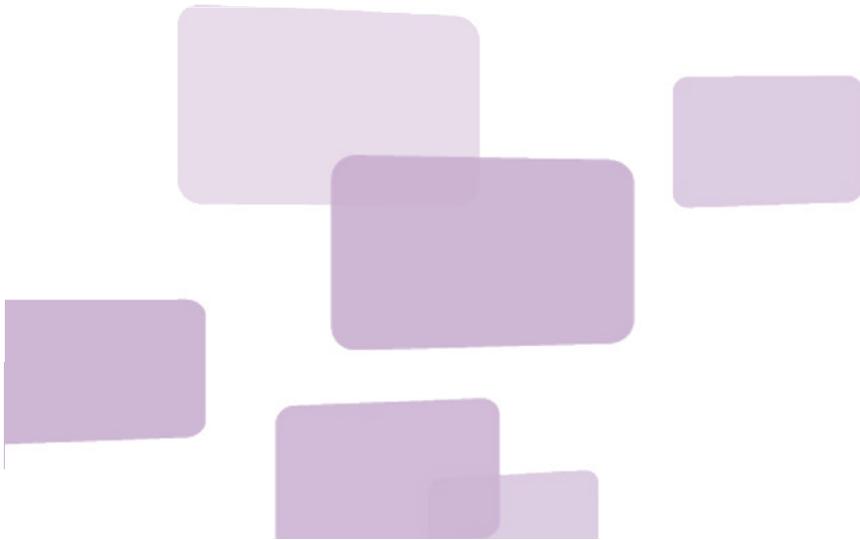
# iTEC

Designing the future  
classroom



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## Designing the future classroom



# iTEC

- ▶ iTEC (Innovative Technologies for an Engaging Classroom) is a four-year, pan-European project focused on the design of the future classroom.



With funding of €9.45M from the European Commission, the involvement of 15 Ministries of Education and school pilots in up to 1,000 classrooms in 12 countries, iTEC is the largest and most strategic project yet undertaken by European Schoolnet and its supporting Ministries.

# Why is iTEC different?

- ▶ Previous initiatives on designing the future classroom have often been too far removed from the realities of everyday classroom practice and have failed to engage teachers and learners.
- ▶ Widespread take up of earlier future classroom scenarios has been hampered by a failure to acknowledge that the educational reform process in schools cannot move at the same rapid pace as technological developments.



# iTEC will:

- ▶ **Act as an *Ideas Lab*** bringing together policy makers, researchers, technology suppliers and innovative teachers to jointly develop ambitious scenarios for the future classroom
- ▶ **Test and validate** these scenarios in the largest pan-European school pilot involving ICT yet undertaken
- ▶ Influence **educational reform processes** at both national and European level.
- ▶ **Involve a high-level group of decision shapers** to produce recommendations for policy makers and help ensure large-scale adoption of iTEC scenarios.



# Who is involved?

- ▶ iTEC partners include 27 organisations from 18 countries including
  - 15 Ministries of Education
  - leading ICT vendors
  - innovative small and medium enterprises
  - technology-enhanced learning researchers
  - teacher trainers and experts in school validations and pedagogical evaluation.
- ▶ The project is coordinated by European Schoolnet, a unique network of 31 Ministries of Education in Europe.



# How does it work?

- ▶ iTEC will produce meaningful pedagogical scenarios for the future classroom.
- ▶ From these, derive learning activities and new approaches to assessment that engage teachers, learners and stakeholders.
- ▶ In five project cycles, iTEC will then test and thoroughly evaluate these scenarios with schools in different countries.
- ▶ Research the skills and competences needed by teachers in the future classroom and equip teachers, both within and beyond the project, to implement project scenarios.



# What technology is being used?

- ▶ iTEC takes place at a time when teachers and learners already have access to a loose and rapidly expanding collection of ICT tools and services.
- ▶ The iTEC technology approach aims to make the technical components (people, tools, services, events and content) required by the scenarios, interoperable and discoverable.
- ▶ This way teachers can more easily select and combine relevant components tailored to the future classroom scenario of their choice.



# What will be the impact?

- ▶ More meaningful visions and scenarios for the future classroom based on a user-centred design process and rigorous testing methodology.
- ▶ Learning activities and designs will be **co-developed** with teachers and validated in large-scale pilots.
- ▶ **Direct involvement** of 15 MoE in scenario development, school piloting and dissemination activities will ensure that iTEC results can be adopted by policy makers in different countries and in schools.



# iTEC Associate Partners

- ▶ Possibility to MoE, ICT vendors, other organisations and individuals to participate using their own resources as unfunded Associate Partners.
- ▶ Associate Partners will be invited to:
  - Provide feedback on scenarios and teaching and learning activities
  - Propose their own scenarios and designs
  - Participate in workshops
- ▶ A more active participation is also possible by:
  - Participating in the iTEC validation in schools
  - Testing hardware, software, content or services that support iTEC scenarios



# iTEC Partners

- ▶ European Schoolnet, BE
- ▶ Promethean, UK
- ▶ University of Namur, BE
- ▶ SMART Technologies, DE
- ▶ Faculty of Psychology and Sciences of Education – Univ. of Lisbon, PT
- ▶ Directorate-General of Innovation and Curricular Development, PT
- ▶ Bundesministerium für Unterricht, Kunst und Kultur, AT
- ▶ Centre of Information Technologies of Education (ITC), LT
- ▶ The National Ministry of Education in Turkey, TR
- ▶ Aalto University, FI
- ▶ Agenzia Nazionale per lo Sviluppo dell'Autonomia Scolastica, IT
- ▶ Tiger Leap Foundation, ET
- ▶ UNI•C, DK

- ▶ The Norwegian Centre for ICT in Education, NO
- ▶ University of Bolton, UK
- ▶ Katholieke Universiteit Leuven, BE
- ▶ University of Vigo, ES
- ▶ Knowledge Markets Consulting, AT
- ▶ Futurelab, UK
- ▶ Manchester Metropolitan University, UK
- ▶ Swiss Agency for ICT in Education, CH
- ▶ MAKASH Advancing CMC Applications in Education, Culture and Science, IL
- ▶ elfa, s.r.o., SK
- ▶ ICODEON, UK
- ▶ Centre National de Documentation Pédagogique, FR
- ▶ Educatio Public Services Non-profit LLC, HU
- ▶ EduBIT.eu, BE

*“As for the future, your task is not to foresee it but to enable it.”*

**Antoine de Saint-Exupery**

# For further information

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