

Technology Enhanced Assessment Methods (TEAM) in Science and Health Practical sessions: a progress report on an Irish multi-institutional initiative



This poster reports progress on *Technology Enhanced Assessment Methods (TEAM) in Science and Health Practical Settings*, a 2-year Irish multi-institution enhancement project funded by the (Irish) National Forum for the Enhancement of Teaching and Learning in Higher Education. This project is explicitly concerned with the impact of technology on assessment in practical settings in Science and Health disciplines in four Irish Institutes of Technology.

The Practical

Key role in skill development

Powerful learning environment

Potential to enhance learning

The Problem

Learners often over-assessed with reports for every session

Authenticity of reports can be an issue

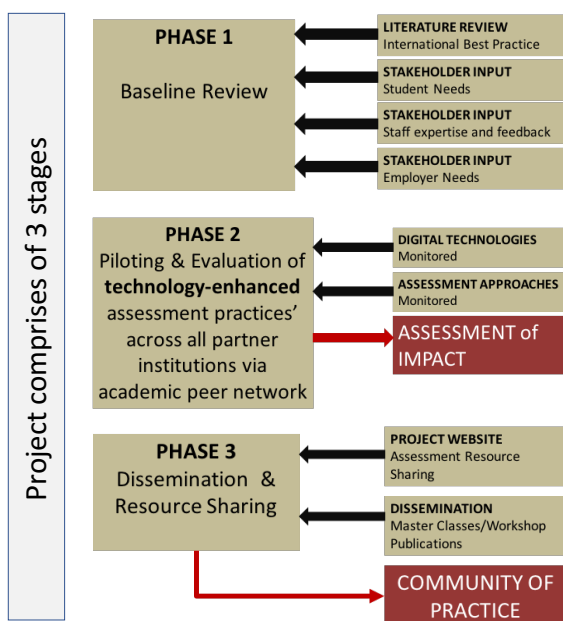
Heavy Summative assessment load evident

OSCEs only examine a selection of techniques/skills

The Target

To enhance assessment and feedback in practical settings, using digital technologies.

Develop highly skilled & employable graduates

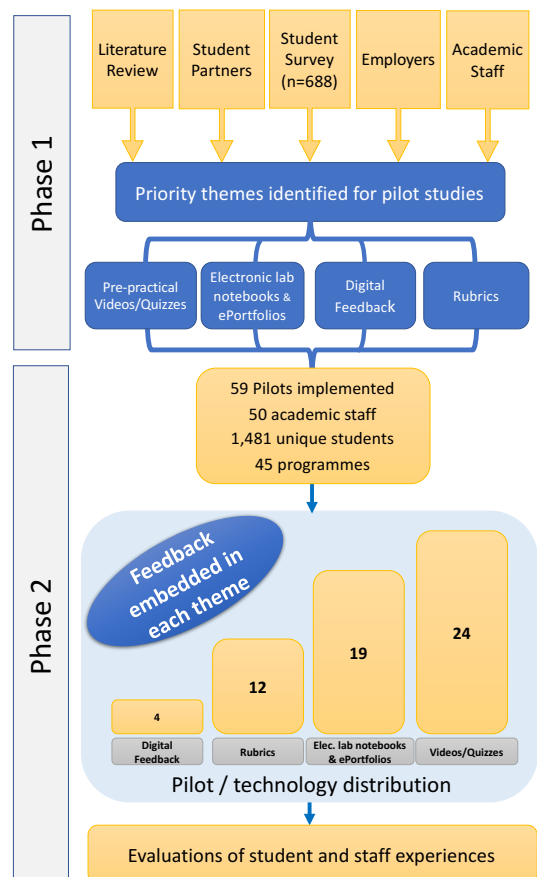


73%

of respondents would like more technologies used

Technology	Used already	Would like to use	Would not like to use
Socrative App Quizzes	195	311	91
Online tests	188	315	87
Online quizzes	156	313	116
Audio feedback	143	262	150
Virtual labs	133	351	105
eLab notebooks	128	271	123
Pre-practical videos	98	371	53
Video/screencast lab report	71	203	224
Online fora	72	309	154
Apps - data	67	366	86

Listening to the Students



Current & Future Work

Evaluate pilot data and generate case studies for dissemination.

Share best practice

Embed in curricula

Community of practice

Project Team: Ronan Bree¹, Edel Healy¹, Moira Maguire¹; Don Faller², Nuala Harding², Ann Mulvihill²; Dina Brazil³, David Dowling³, Yvonne Kavanagh³, Gina Noonan³; Akinlolu Akande⁴, David Doyle⁴, Jeremy Bird⁴.

¹ Dundalk Institute of Technology, ² Athlone Institute of Technology, ³ Institute of Technology Carlow, ⁴ Institute of Technology, Sligo.

