



Project no. 217725

Project acronym: Mind the Gap

Project title: Mind the Gap: Learning, Teaching, Research and Policy in Inquiry-Based Science Education

Dissemination level: O

Thematic Priority: Science in Society

Funding scheme:

Deliverable N° 5.5

Deliverable title Viten units

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REPORT

Title [WP5: The role of ICT in IBST; Viten] (deliverable 5.5)

Deliverable 5.5

Further development and translation (to English) of the Viten programs on Gene Technology, Global Warming (Climate) and Northern light for availability for European science classrooms.

WP5 is designed to look at how ICT plays a role in IBST. The Viten project in Norway has been developing web-based curriculum materials since 1998 and currently has 16 programs. The Gene Technology program and the Global Warming (Climate) program have been selected to be developed into open-source systems so that they may easily be translated and disseminated throughout Europe. The Viten server is housed at the University of Oslo (the National Science Centre) where server capacity will be made available for use by countries throughout Europe. Dissemination of these products will be done through teacher professional development courses and through channels directed towards teacher education in participating countries and other EU countries.

Viten

Viten is a web-based science curriculum developed in Norway. The curriculum units are designed to promote scientific literacy through the use of relevant scientific controversies (socio-scientific issues). The two programs chosen for translation are Global Warming and Gene Technology – both of which place students into problem solving dilemmas. The Norwegian Centre for Science Education (<http://www.naturfagsenteret.no>) will be closely connected to the work package in that the Viten server and project are housed at this facility.

The viten webpage containing the programs: Gene Technology, Global Warming (Climate) and Northern light :

<http://www.viten.no/eng/>