



WP5 Video Conference – 25 February 2008

Meeting notes (by John Bostock)

WP5: Innovation in Teaching

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Participant List

Name	Institution	Country
John Bostock	University of Stirling	UK
Jean D'hont	Ghent University	Belgium
Juhani Pirhonen	University of Jyväskylä	Finland
Bernd Ueberschaer	Leibniz Institute of Marine Science	Germany
Bent Rønsholdt	Aalborg University	Denmark
Michael Kirby Moulton	Norwegian University of Life Sciences	Norway

Apologies were received from Juame Fernández-Borràs (University of Barcelona) and José de Lara Rey (Technical University of Madrid).

- **Video conference**

This was the second attempt at a video conference for the workgroup. Adobe Connect software was used, hosted by Aalborg University. Similar problems were encountered as the previous meeting with intermittent audio break up and complete loss of audio and video at one point. Nevertheless, there was sufficient functionality to get through the business planned.

- **Aqua-TNET2**

John Bostock reported that preparation of the proposal for follow-on funding for the main Aqua-TNET project is nearing completion. The proposed workpackage structure has altered somewhat, with the inclusion of new workpackages on generic skills and lifelong learning.

Workpackage number	Work package type	Work package title	Start	End
WP1	DEV	MSc Core Group	1	35
WP2	DEV	PhD Core Group	1	35
WP3	DEV	Mobility	1	35
WP4	DEV	New Generic Skills and Competences Approaches	1	35
WP5	DEV	Innovation in Teaching Methods	1	35
WP6	DEV	Positioning Lifelong Learning	1	35
WP7	DEV	Cross Cutting Theme 1: Multilingual Issues in International Cooperation & Lifelong Learning	1	35
WP8	DEV	Cross Cutting Theme 2: ICT Advisory Group	1	35
WP9	DIS	Cross Cutting Theme 3: Dissemination and Outreach	1	36

WP10	QA	Stakeholder group 1: Research Institutes	1	35
WP11	QA	Stakeholder group 2: Industry Partners	1	35
WP12	QA	Stakeholder group 3: Consumer Representatives	1	35
WP13	QA	Stakeholder group 4: Student Association	1	35
WP14	MAN	Project Management	1	36
WP15	EXP	Exploitation of Results	12	36

The work of WP5 continues under the title “Innovation in Teaching”. A draft set of objectives, tasks and deliverables for WP 5 were presented and discussed

WP5 Objectives

Evolving teaching methods

- A. Carry out a survey of network members to characterise current teaching and assessment methods used, existing interactions with external stakeholders, and to detect trends and identify activity and interest in developing and implementing innovative approaches
- B. Work with stakeholder groups to identify means of improving teaching and assessment in the light of different stakeholder needs, especially where these are perceived to be changing
- C. Identify examples of innovative approaches for dissemination to the network membership

Utilising new tools

- D. Strengthen guidance and support for members to adopt new ICT tools for collaboration that also help improve quality of learning and widen access
- E. Investigate the potential for, and subsequently develop a framework to allow member institutions to swap or share new digital materials and develop joint course offerings
- F. Encourage, monitor and disseminate trials of ICT mediated learning – particularly the use of mobile devices and greater use of video and audio streaming or on-demand access.

Enhancing linkages and collaborations between teachers and learners

- G. Linking with Workpackage 6, investigate models for re-using digital teaching materials and ICT mediated teaching effort for formal, non-formal and informal learning provision within the broader context of lifelong learning. In particular the potential for flexible e-learning communities where contributions from lifelong learners are encouraged, valued and integrated in ways that enhance the value for all learners
- H. Develop other ways of using ICT to link students with the workplace (both industry and research) to the benefit of all parties
- I. Outline ways of increasing interdisciplinary awareness and skills through collaborative exercises, case studies and simulations

Deliverable No	Deliverable title	Delivery date
WP 5.1	Core Group Meeting Year 1	M3
WP 5.2	Core Group Meeting at Annual Event Year 1	M11
WP 5.3	Core Group Meeting Year 2	M16
WP 5.4	Core Group Meeting at Annual Event Year 2	M23
WP 5.5	Core Group Meeting Year 3	M28
WP 5.6	Core Group Meeting at Annual Event Year 3	M35
WP 5.7	Report on membership survey of teaching methods innovation and external linkages	M9
WP 5.8	Report on stakeholder consultation and recommendations to the network	M12
WP 5.9	Innovation case studies added to web site	M18
WP 5.10	New links and support materials added to web site	M22
WP 5.11	Report and web-based service to support sharing of digital teaching materials	M29
WP 5.12	“user feedback” facility added to web site to discuss experiences of implementing ICT-based innovation	M16

<i>WP 5.13</i>	Report on consultations for creating learning communities to better link Higher and Lifelong learning activities	M20
<i>WP 5.14</i>	Report and case studies on using ICT to link students and the workplace	M24
<i>WP 5.15</i>	Collaboration/partnering tool added to web site	M32

The workplan was agreed with the suggestion that deliverable 5.10 be removed as it overlaps with one of the tasks identified for WP8.

The membership of WP5 is not yet finalised, but Bent Rønsholdt confirmed that his organisation would not be continuing in the Network as they no longer run courses in the subject area. Mike Moulton reported that he was in discussions about moving to Workpackage 6, potentially to play a role in coordination. Potential new members include Cristina L.M. Silva (Catholic University of Portugal), Gerd Klock (University of Applied Sciences Bremen) and possibly Jana Pickova (Swedish University of Agricultural Sciences).

It is proposed that WP8 is handled by the WP5 group, but perhaps under different leadership. Jean D'hont proposed Mike Moulton as WP leader. However, if he moves to WP6, John Bostock proposed Jean as WP8 leader. It was agreed to recommend Mike or Jean, depending on Mike's availability after a subsequent meeting. Jean presented draft objectives and deliverables for this workgroup:

WP8 Objectives

1. Establish an online helpdesk to channel ICT related questions from the project partners
2. (Further) develop a practical tutor on common online tools, specifically geared to aspects related to aquatic resources
3. Organise demonstration sessions of 'Good Practice' in using ICT tools at annual events

Draft deliverables for WP8:

Deliverable No	Deliverable title	Delivery date
WP 8.1	Core Group Meeting Year 1	M3
WP 8.2	Core Group Meeting at Annual Event Year 1	M11
WP 8.3	Core Group Meeting Year 2	M16
WP 8.4	Core Group Meeting at Annual Event Year 2	M23
<i>WP 8.5</i>	Core Group Meeting Year 3	M28
<i>WP 8.6</i>	Core Group Meeting at Annual Event Year 3	M35
<i>WP 8.7</i>	Interactive web-section with ICT-helpdesk facilities	M12
<i>WP 8.8</i>	Online practical guide for use of ICT and web-based tools in teaching	M8
<i>WP 8.9</i>	Demonstration session on good practice at Annual event Year 2	M23

As noted earlier, WP8.8 overlaps with WP5.10, so the latter should be removed. It was agreed that the main aim of WP8 is to support the other work packages, but that it would also provide some guidance to the wider project membership.

• **Aqua-ICT**

It had been previously agreed that the group should collaborate on a proposal under the Lifelong Learning Transversal Programme, Key Activity 3 – ICT. It was agreed that the proposal should be for a network, perhaps addressing both priority areas of the call. The group discussed potential coordinators for the proposal. Jean D'hont suggested it would be best if Gent did not take the lead on this one. Bernd Ueberschaer was interested, but felt too committed on other projects. Mike Moulton agreed to consider it and John Bostock also indicated coordination by the University of Stirling might be possible if there were no other obvious project leaders.

Suggestions were made for using a series of competitions to help draw out creativity and a wide range of media and case studies useful for aquatic science teaching. Prizes for a first round may include further visits and supported creative activities. A number of potential partners had been identified,

including vocational training organisations and creative media producers. Further work is required to develop this proposal as soon as the main Aqua-TNET application is complete.

- **Main report (Google document)**

Several group members have added new material since the last meeting. It was agreed that the report was now virtually ready for publication as a working draft. John will liaise with Bernd over completing the final section and other members may add final references, illustrations or other text as appropriate.

If the report is published on Google, it can be linked to from the Aqua-TNET website and remain editable by the group. A version number should be put at the start and updated each time the text is revised after publication. A copyright notice has been added, which requires checking by group members and project secretariat.

A discussion group should be established on the Aqua-TNET website to provide a forum for feedback and discussion on the document content.

- **New services**

Jean reported that the outline for the web service had been sent to Arif Harbott and Aqua TT are now waiting for a quotation for the work. Once that has been received, it will need to be submitted to the project coordinator (Gent) for consideration. It was agreed that once the new project proposals have been completed, development of this service should be the main priority with the aim of having a demonstration ready for the Annual Event. It would not be necessary to wait for the web programming to be completed before working on the content.

- **Next annual event**

There were no further suggestions concerning the next annual event.

- **Other points**

There were no other matters raised. *<Post meeting note: Juame Fernández-Borràs has provided information on the copyright and publication policy for teaching materials adopted by Barcelona University. Other partners are reminded that we still need information on this issue from other institutions.>*

- **Next meeting**

18th March at time to be agreed – probably 14:00 or 15:00 GMT by video conference.

- **Summary action points**

- **John Bostock and Jean D’hont to continue inputs to Aqua-TNET2 application with inputs from other workgroup members as appropriate**
- **Members should stay in touch via e-mail and the Google document to help develop ideas for the transversal programme. Particularly who wishes to be involved as partners in that proposal, and what other groups to involve. Deadline for the application is at the end of March**
- **John Bostock to arrange final tidying of the Google document and publication as soon as possible. Other members to add/edit content when possible, remembering to increment version number**
- **Jean D’hont to lead further work on the Tips and Tricks service once project applications have been finalised**
- **Members are reminded to check their own institution’s policy on the sharing and publication of teaching materials**
- **Next meeting 18th March at 14:00 or 15:00 GMT (time to be agreed) by video conference**