AHELO Feasibility Study
Australian Participation

Phase 2 Participation

AHELO Australia Symposium
ACER
October 27, 2011
Overview

NPM (Daniel) to discuss:

• International project – broad steps
• National implementation:
  • Key tasks/logistics/planning
  • Key dates

Consortium project manager (Sarah) to outline:

• How the role of the institution fits into the international project
• The AHELO system
• Test administration
Overview

AHELO Feasibility Study, steps to completion – International Project

- System and material development (August to October 2011)
- Deployment and training (November 2011 to January 2012)
- Test administration and monitoring (February to May 2012)
- Psychometric and statistical analysis (June to August 2012)
- Data and written reports (September to December 2012)
Appoint Institution Coordinator (IC), this person will:

- Liaise directly with NPM/National Centre
- Coordinate AHELO activity within university
Implementing Phase 2
The role of institutions

- Training for implementation
- Sampling of students
- System checking/testing
- Planning and recruitment of students
- Test implementation/data collection
Training by NPM to equip IC with information and knowledge of system to facilitate institution participation. This will include:

- Sampling students
- Appointing and training of Test Administrators
- Setting up the AHELO assessment system
- Checking/testing the AHELO assessment system
- Planning test sessions and recruiting students
- Coordinating implementation of assessment
- Collecting data for the Contextual Dimension
Implementing Phase 2

Sampling of students

Consortium guidelines:

• AHELO Sampling Manual available for review now
• 150 Final Year Civil Engineering Students to be sampled
• Detail for drawing sample provided during training
• Issues with institution size etc., to be addressed individually and with reference to sampling guidelines
Implementing Phase 2

AHELO System:

• Computer-based, online delivery

• IT coordination required to set up (essentially preparing an AHELO ‘Profile’) – clear guidelines, manual and support provided for doing this.

• Checking/testing the system
Implementing Phase 2

Planning and recruitment of students

Planning:

• System setups (as per previous)
• Selecting a time in Semester 1 calendar
• Lab booking
• Test administrators – appointing and training

Student recruitment:

• Based on sample
• Planning within curriculum
• Incentives
Implementing Phase 2

Test implementation/data collection

Implementation of the assessment:

• System setup, TA on task, students informed
• Computer based administration
• Responses centrally collected on consortium servers

Data collection:

• Coordination and completion of Institutional Context Instrument
• Distribution of Staff Context Instrument
**Key Dates**

- **Nominate IC**
  - Nov 2011

- **Set Test date/s**
  - Nov-Dec 2011

- **IC Training**
  - Jan 2012

- **System setup & checking**
  - Feb 2012

- **Sampling**
  - Feb 2012

- **AHELO Test**
  - Mar-Apr 2012

- **Deliver ICI**
  - Apr 2012
The role of institutions

- Sample students and faculty
- Test the test system
- Arrange testing sessions
- Recruit and monitor Test Administrators
- Get sampled students to take the test
- Report on processes

AHELO test system
• Conduct a technical test
• Determine number of students in testing session(s)
• Populate testing sessions with sampled students
• Use proxy settings to block students accessing other programmes during test
• Provide test administrators with list of student names, logins and passwords
• Switch on computers
• Provide students with logins and passwords
• Read out instructions
• Monitor students during test
• Assist with any problems
• Log out of computers
• Provide a short report