

OMII-UK Vision

Southampton, 5th November 2008

Dave De Roure, Carole Goble,
Malcolm Atkinson, Neil Chue Hong

Setting the scene

- **Not**
 - **How do we sustain OMII-UK?**
- **But**
 - **What should OMII-UK evolve into to meet the needs of the e-Research community in 2010 and beyond?**

Changing circumstances

- Things are moving on
 - Technology
 - Thinking
 - Methods
 - The community, especially across disciplines
 - The context e.g. HPC, NGS
- Observing growing emphasis on data and software over computation

Understanding future requirements

- Atkinson E-Science Director's forum CIR strategy
- De Roure "New e-Science"
- Goble "The Future of Research"
 - Being presented to BBSRC



The screenshot shows a Slideshare presentation slide. At the top, the Slideshare logo and navigation menu are visible. The slide content includes the University of Manchester logo, a photo of Carole Goble, and the following text: "The Future of Research (Science and Technology)", "Carole Goble", "carole.goble@manchester.ac.uk", "University of Manchester, UK", and "OMII-UK". At the bottom, it mentions "British Library Board Awayday 23rd September 2008" and has a share button and navigation controls.

Old mission

- Our mission is to provide **software** and **support** to enable a **sustained** future for the UK e-Science community and its international collaborators

New mission

- **Our mission is to cultivate and sustain community software important to research**

Compare

- Our mission is to provide **software** and **support** to enable a **sustained** future for the UK e-Science community and its international collaborators
- Our mission is to cultivate and sustain community software important to research

Vision

- To be the national focal point driving the continued improvement and impact of community software for e-Research
 - To build communities of users and developers, with confidence in OMII-UK
 - To be a leading authority on best practice in building shareable research software
 - To enable and improve multi-disciplinary use
 - To engage pro-actively with the international community

Areas of work from last Board

- **Community building**
 - Software Repository
 - Information Provision
 - Technical Support
- **Software Related**
 - Software Development
 - Software Evaluation
 - Software Commissioning
- **Services to projects**
 - Consultancy
 - Integration + Customisation
 - Improvements to software

Our Values which need to be maintained

- **Competence**
 - Experience
 - Expertise
 - Judgement
- **Principles**
 - Empathy
 - Co-operation
 - Helpfulness
 - Trustworthiness

Our benefit to society

- Support for high impact research
 - Increase the impact of the software
 - Improve the cost effectiveness (industrialisation) of the software and systems
- Support for broad research communities
 - Improve the deployment base of the software
 - Increase usability and multidisciplinary use through integration and provision of systems

How could and should we achieve this?

- Form and maintain partnerships with
 - Key researchers and groups to understand research processes
 - Other research software developers and communities to enhance and continue development of software
- Increase *visibility*, awareness and uptake of activities (including software and services) within communities

Acting on behalf of research communities

- Increase the impact of software we have identified as being a key component
- Integrate bundles of software for particular target sectors
- Maintain the software skills necessary to provide leadership in software development (extend, enhance)
- Develop skills in software development and maintenance / sustainability among the community providing research software

Capacity building

- Maintain the software skills necessary to provide leadership in software development
- Provide education, training and support in collaboration to develop a culture of research led software development
- To ensure that we lead by example in our own software development and our work with others
- To build a portfolio of success stories and reference users of our best practice

Discussion points

- Is this the right vision?
- Is this the right way of getting there?
- Should we choose sectors and how should we do this?