

UWE Bristol

heat@uwe

**Bridging the gaps in health, environment and
technology research**

Bridging the Gaps Network Meeting
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University of the
West of England

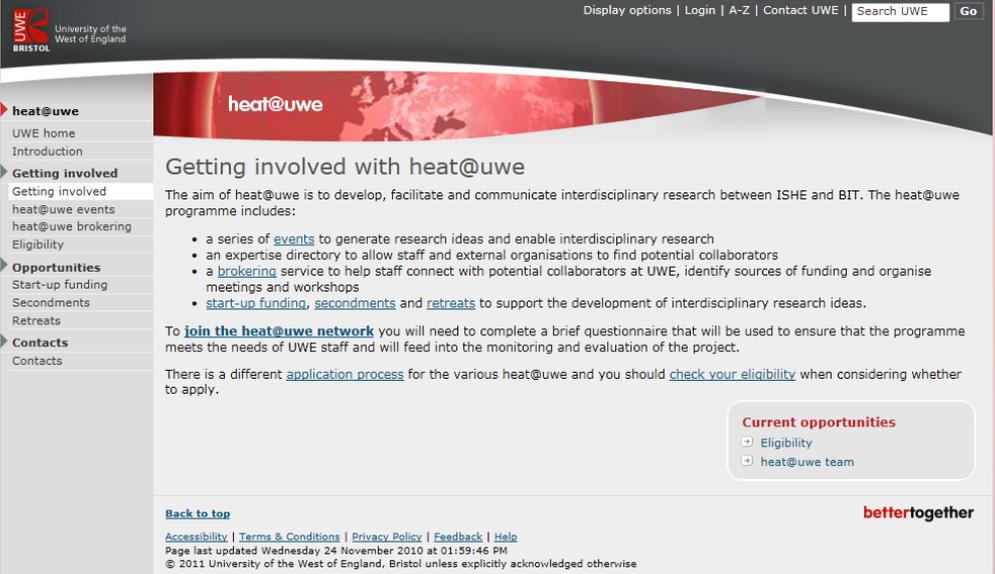
bettertogether

heat@uwe

- Joint programme to bridge the gaps between **Health, Environment And Technology** (HEAT) research at UWE
- 3 year programme of activities to develop, facilitate and communicate multi- and interdisciplinary research
- 8 Co-Is (Public and Clinical Health, Environmental Science, Built Environment, Computing, Science Communication, Social Marketing and Organisation and Social Learning)
- The ultimate aim of heat@uwe is to develop a long-term culture at UWE to **sustain interdisciplinary research.**

Monitoring and evaluation

- Monitoring and evaluation of **heat@uwe** from the outset
 - Questionnaires
 - Feedback from events
 - Proposal approval system
 - Metrics from **heat@uwe** activities.



The screenshot shows the 'heat@uwe' website interface. At the top right, there are links for 'Display options | Login | A-Z | Contact UWE' and a search bar with 'Search UWE' and a 'Go' button. The main header features the 'heat@uwe' logo and a red globe graphic. A left-hand navigation menu includes: 'heat@uwe', 'UWE home', 'Introduction', 'Getting involved' (with sub-items: 'Getting involved', 'heat@uwe events', 'heat@uwe brokering', 'Eligibility'), 'Opportunities' (with sub-items: 'Start-up funding', 'Secondments', 'Retreats'), and 'Contacts' (with sub-item: 'Contacts'). The main content area is titled 'Getting involved with heat@uwe' and contains the following text: 'The aim of heat@uwe is to develop, facilitate and communicate interdisciplinary research between ISHE and BIT. The heat@uwe programme includes:'. This is followed by a bulleted list: '• a series of [events](#) to generate research ideas and enable interdisciplinary research', '• an expertise directory to allow staff and external organisations to find potential collaborators', '• a [brokering](#) service to help staff connect with potential collaborators at UWE, identify sources of funding and organise meetings and workshops', and '• [start-up funding](#), [secondments](#) and [retreats](#) to support the development of interdisciplinary research ideas.' Below this, it states: 'To [join the heat@uwe network](#) you will need to complete a brief questionnaire that will be used to ensure that the programme meets the needs of UWE staff and will feed into the monitoring and evaluation of the project.' It also mentions: 'There is a different [application process](#) for the various heat@uwe and you should [check your eligibility](#) when considering whether to apply.' At the bottom right of the content area, there is a 'Current opportunities' section with a dropdown menu showing 'Eligibility' and 'heat@uwe team'. At the very bottom, there is a 'Back to top' link, a footer with links for 'Accessibility | Terms & Conditions | Privacy Policy | Feedback | Help', and the text 'Page last updated Wednesday 24 November 2010 at 01:59:46 PM' and '© 2011 University of the West of England, Bristol unless explicitly acknowledged otherwise'. The 'bettertogether' logo is visible in the bottom right corner.

The first year - Events

- **Visioning Conference 2010**
 - 55 delegates, networking activities, grand challenges
- **Let us buy you lunch**
- **Lecture and Lunch series**
 - interdisciplinary skills
- **Heating up GIS**



The first year - Calls

- **Start-up funding**
 - £40K available in 2010
 - Funding to develop an interdisciplinary project
 - 'Tell us what you need'.
- **Retreats**
 - Funding for project teams to spend time away from their normal workplace to write a research proposal.



The first year – Start-up funding

- Interdisciplinary study of crowd behaviour (mathematics, behaviour studies)
- SASHA – Self help for social anxiety (psychology, mobile devices)
- Spatial regulation of anti-social behaviour (GIS, psychology)
- Participatory mobile sensing (air quality, mobile devices, health)
- Food hygiene practices and information in infant food preparation (public health, microbiology, science communication)
- Public transport pervasive gaming (pervasive media, transport)
- Development and evaluation of a tool for assessing body image (health, visualisation technology).

What we offer – Ongoing services

- **Expertise Directory**
- **Collaboration brokering**
 - Identify potential collaborators
 - Introducing potential collaborators
 - Interdisciplinary funding opportunities.
- **Teams and Themes workshops**
 - Specific idea for a research project
 - Targeted towards a specific funding call.

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Expertise Directory

Please complete this form with your research expertise, adding in additional sub-categories where necessary. This information will be added to the **heat@uwe expertise directory** and used in the **collaboration brokering**.

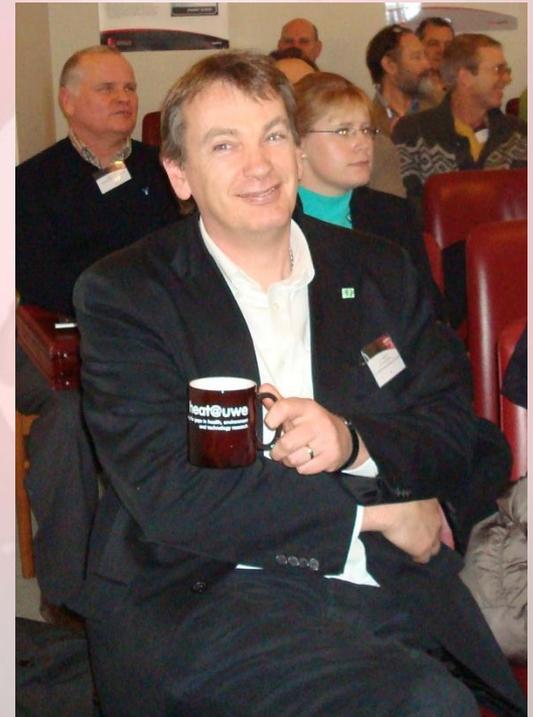
Name: _____ Email: _____

Broad categories	Sub-categories
Health	
<input type="checkbox"/> Public Health	<input type="checkbox"/> Climate Change <input type="checkbox"/> Behaviour Change <input type="checkbox"/> Healthy Communities <input type="checkbox"/> Health Promotion <input type="checkbox"/> Health Inequalities <input type="checkbox"/> Sustainable Development
<input type="checkbox"/> Clinical Health	<input type="checkbox"/> Child & Adolescent Health <input type="checkbox"/> Critical & Emergency Care <input type="checkbox"/> Long-term Health Conditions
Additional sub-categories:	
Environment	
<input type="checkbox"/> Environmental Science	<input type="checkbox"/> Air Quality <input type="checkbox"/> Carbon Management <input type="checkbox"/> Contaminated Land <input type="checkbox"/> Birth Science <input type="checkbox"/> Ecology <input type="checkbox"/> Environmental Policy <input type="checkbox"/> Plant Science <input type="checkbox"/> Pollution Control <input type="checkbox"/> GIS <input type="checkbox"/> Waste Management <input type="checkbox"/> Environmental Regulation <input type="checkbox"/> Hydrology & Hydrogeology
<input type="checkbox"/> Built Environment	<input type="checkbox"/> Water Quality & Management <input type="checkbox"/> Behaviour Change <input type="checkbox"/> Construction <input type="checkbox"/> Planning <input type="checkbox"/> Architecture <input type="checkbox"/> Urban Environments <input type="checkbox"/> Urban Policy <input type="checkbox"/> Urban Governance <input type="checkbox"/> Transport <input type="checkbox"/> Sustainable Development <input type="checkbox"/> Additional sub-categories:
Additional sub-categories:	
Technology	
<input type="checkbox"/> Computer Science	<input type="checkbox"/> Distributed & Parallel Computing <input type="checkbox"/> Computer Networks & Data Communications <input type="checkbox"/> Database & Data Mining <input type="checkbox"/> Digital Media & Gaming <input type="checkbox"/> Artificial Intelligence <input type="checkbox"/> Embedded & Real Time Systems <input type="checkbox"/> Security & Forensic Computing <input type="checkbox"/> Software Engineering <input type="checkbox"/> Human-Social Computer Interaction <input type="checkbox"/> Mobile, Ubiquitous & Pervasive Computing
<input type="checkbox"/> Design & Engineering	<input type="checkbox"/> Electronics & Instrumentation <input type="checkbox"/> Computer Aided Design <input type="checkbox"/> Control Systems <input type="checkbox"/> Power & Electrical Engineering <input type="checkbox"/> Manufacturing & Product Design <input type="checkbox"/> Machine Vision <input type="checkbox"/> Sensors & Bio-sensors <input type="checkbox"/> Telecommunications & Networks <input type="checkbox"/> Robotics
<input type="checkbox"/> Information Science & Digital Media	<input type="checkbox"/> Audio & Music Applications <input type="checkbox"/> Community Information Systems <input type="checkbox"/> Information Architecture <input type="checkbox"/> Information Systems Applications <input type="checkbox"/> Process Modelling <input type="checkbox"/> Semantic Web & Ontologies <input type="checkbox"/> Simulation <input type="checkbox"/> Systems Dynamics, Engineering & Methodologies
<input type="checkbox"/> Mathematics & Statistics	<input type="checkbox"/> Web Design <input type="checkbox"/> Web 2.0 <input type="checkbox"/> Applied Mathematics <input type="checkbox"/> Operational Research <input type="checkbox"/> Applied Statistics
Additional sub-categories:	
Interdisciplinary Expertise	
<input type="checkbox"/> Social Marketing	<input type="checkbox"/> Consumer Behaviour <input type="checkbox"/> Intervention Design <input type="checkbox"/> Strategy <input type="checkbox"/> Segmentation
<input type="checkbox"/> Social Learning	<input type="checkbox"/> Action Research <input type="checkbox"/> Leadership & Change <input type="checkbox"/> Participation
<input type="checkbox"/> Science Communication	<input type="checkbox"/> Broadcast Media <input type="checkbox"/> Educational Policy <input type="checkbox"/> Face-to-face Communication <input type="checkbox"/> Writing Science & Print Media <input type="checkbox"/> Online & Electronic Communications
Additional sub-categories:	

Please add in **one sentence** summarising your research interests and expertise:

How we communicated

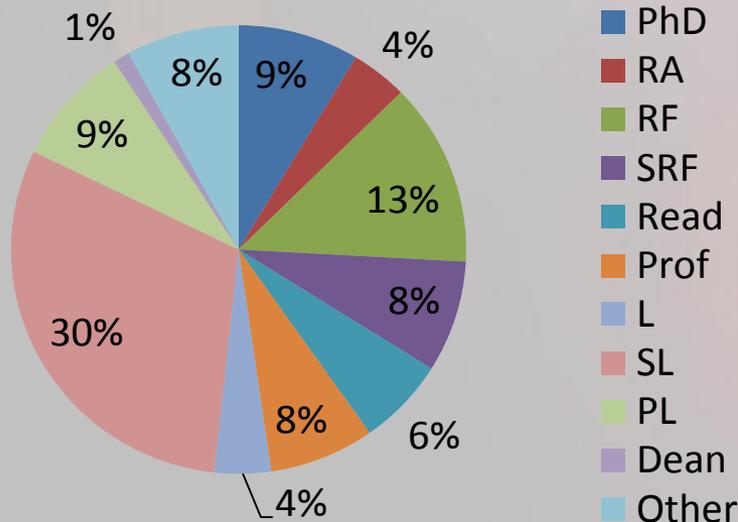
- Email and briefing presentations to Deans, Heads of Departments, Research Centre Directors
- Clear branding
- Visioning conference
- Posters
- Website
- Emails to HEAT Network
- Presentations in Departmental meetings
- Article in Bulletin.



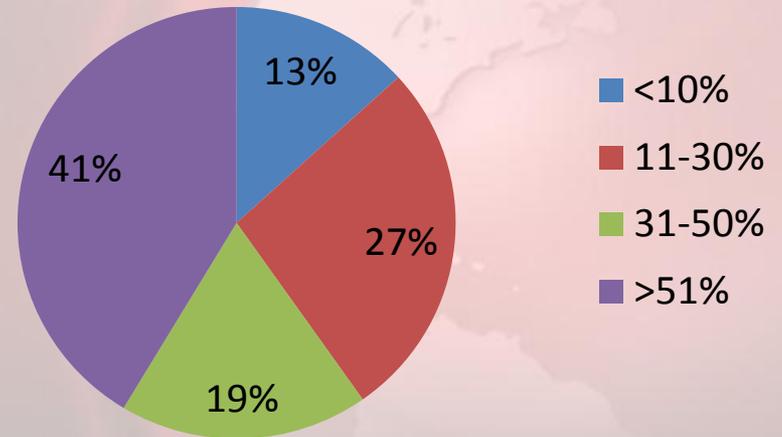
The Network

- 165 members, across 18 departments and all five faculties

Members of the HEAT Network



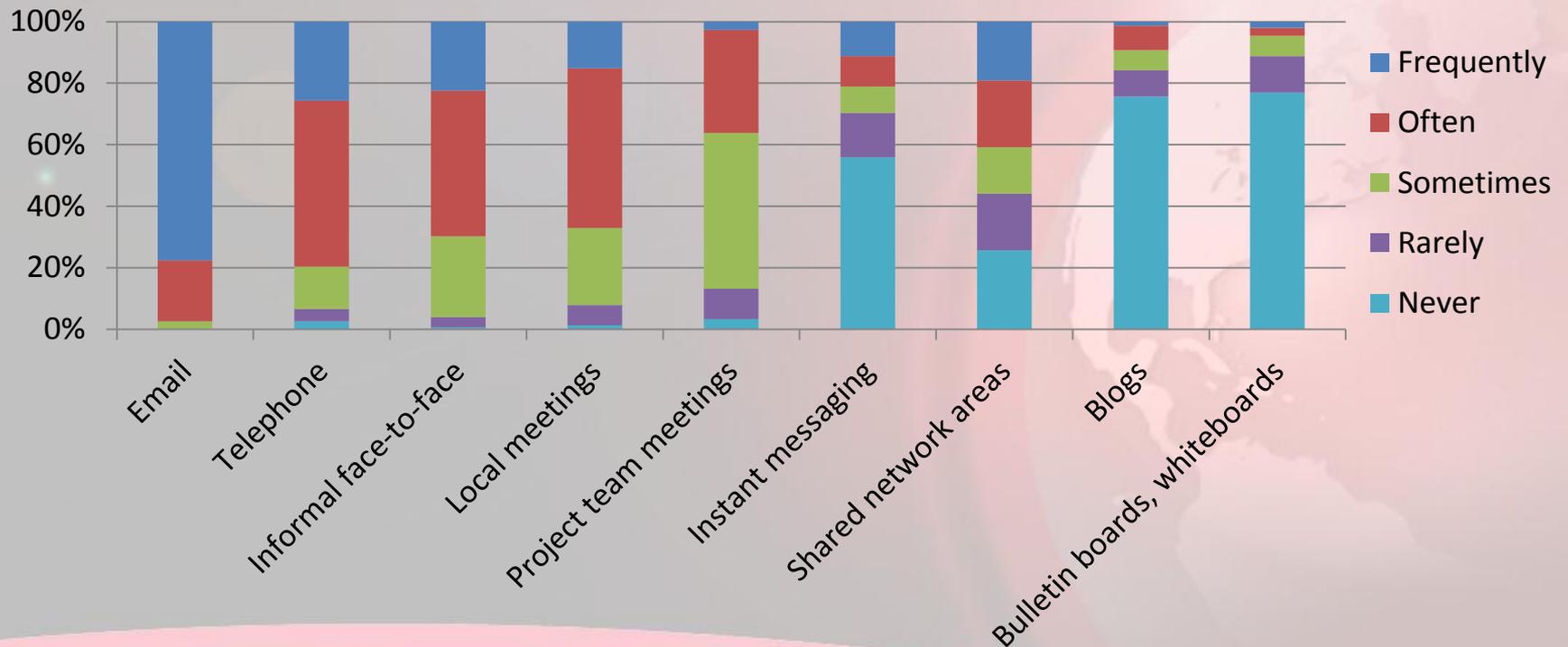
Time spent on research activities



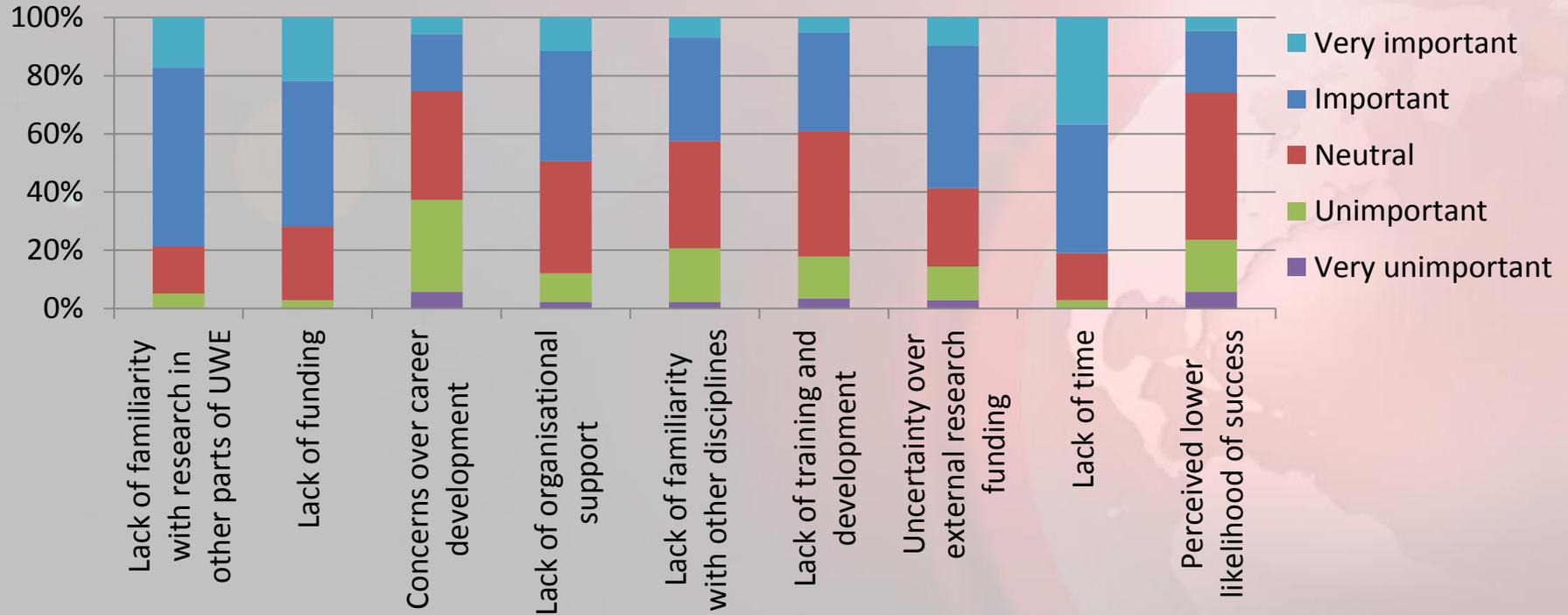
Challenges and opportunities

- Broad range of disciplines
- Post-1992 university
- Expertise in applied, interdisciplinary research
 - WHO Collaborating Centre for Health Cities and Urban Policy
 - NICE Collaborating Centre for Spatial Planning.
- Interdisciplinary research supported at institutional level
 - Institute for Sustainability, Health and Environment
 - Institute for Biosensing and Technology
 - Bristol Robotics Laboratory.

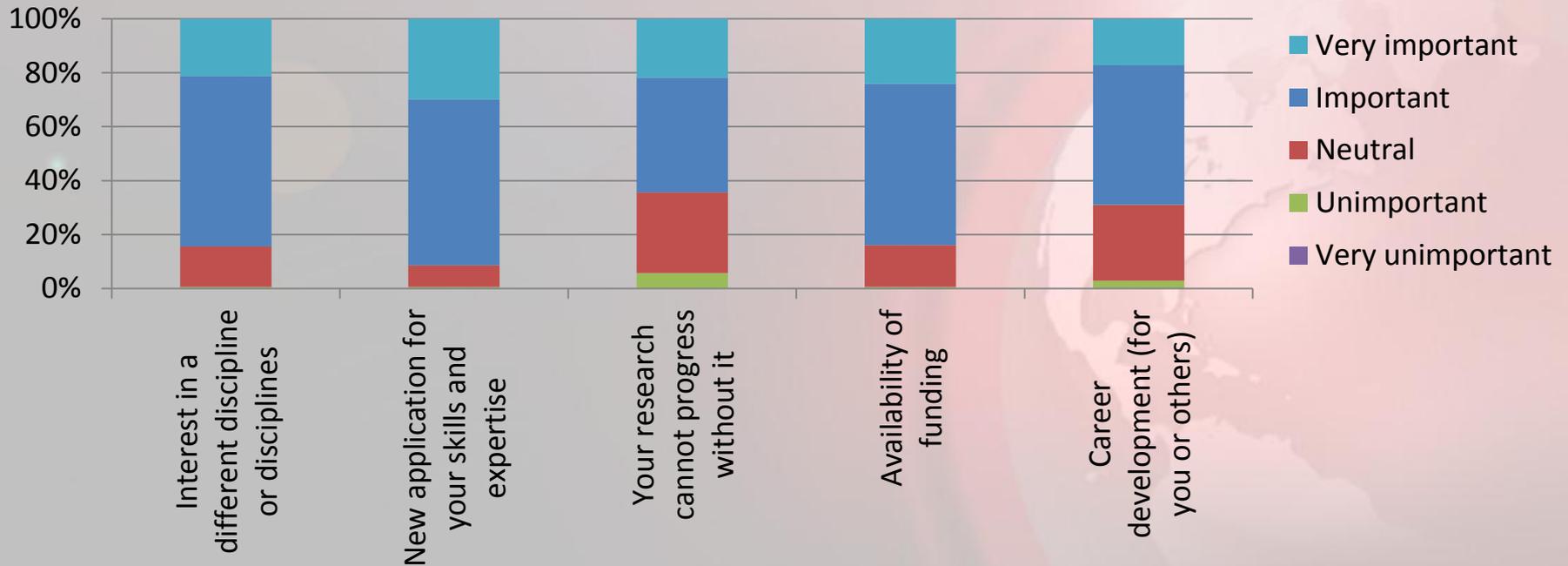
What our members told us... ...about communication



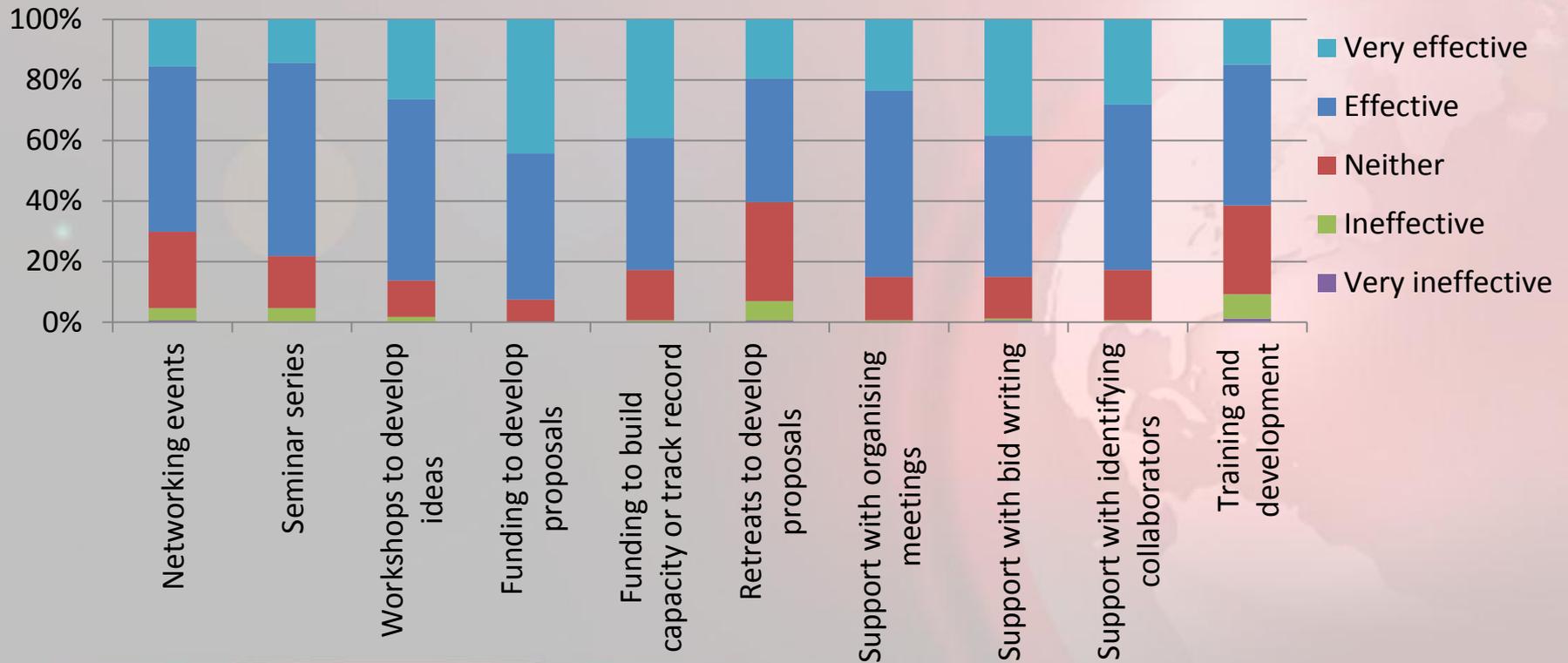
...about the challenges



...about the benefits



...about what they wanted



Year 2 and beyond

- **Hot House 2011**
- **Start-up funding 2011**
- **Heating up...** seminars
 - European funding
 - HIA
- **Lecture and Lunch** series
- **Teams and Themes** workshops



Hot tips from heat

- Knowledge of UWE's research and who's who
- Flexible programme (calls, events, services)
- Responsive, supportive team
- Transparent programme
- Different approaches for different staff and disciplines.

