

So what's new?

- and what does that mean for us?



Kathy Sykes

14th May 2007

Professor of Sciences and Society
Institute for Advanced Studies



- ⌘ Big changes
- ⌘ Gaps
- ⌘ How we might help...

How we might help...



- ⌘ Collaborate, join-up, share good practice & evaluations, work with Beacons etc

- ⌘ Scientists/policy-makers etc with engaging
 - ☑ listen better
 - ☑ reflect, evaluate, improve
 - ☑ work with social scientists; schools; industry; media
 - ☑ meet funders' requirements

a) Progress in last year - funders



- 1) Beacons of Excellence
- 2) RCUK - PE training; part of research
- 3) HEFCE - Vice Chancellors Conference
- 4) EPSRC - Societal Issues Panel
- 5) BBSRC
- 6) NESTA - innovation
- 7) Wellcome Trust - 21 June 07
- 8) JISC - research

Beacons for Public Engagement

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- ⌘ establish a **co-ordinated approach** to **recognising, rewarding & building capacity** for PE
- ⌘ 'PE' - specialists in HE **listening to**, developing their understanding of, & interacting with non-specialists.
- ⌘ address the recognised need for **culture change** within institutions to support PE across **all subject areas**

This conference helped!

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- ⌘ Collaborative - Universities with partners
 - ⌘ Departmental/ Institutional reward
 - ⌘ Build good practice
-
- ⌘ Announced 2006, to begin Jan 2008
 - ⌘ Strong response to 1st round - 88 HEIs
 - ⌘ £8m over 4 years, pilots - 5 Beacons & National Co-ordinating Centre

⌘ Now focused exclusively - innovation

- ⊗ Series of Innovation programmes – social & economic
- ⊗ Business breakfasts, provocations, policy-briefings, reports
- ⊗ Investments aimed at highlighting how to foster innovation
- ⊗ Thinking - how to increase *capacity to stimulate* innovation and *amplify* what's found

⌘ Relevance - for you? and encourage others to

- ⊗ - enter *Planet Sci-Cast* competition-Science Demonstrations
- ⊗ - scientists - apply to Crucible- training, cross-disciplinary
- ⊗ - enter Famelab - talent-spotting new communicators
- ⊗ - apply to *Challenge Programme* - see website for calls
- ⊗ - attend policy breakfasts, events
- ⊗ - see provocations, policy briefings, reports

b) Government



- 1) National Science & Engineering Week (BA)
- 2) Sciencewise
- 3) Expert Resource Centre - to be developed
- 4) Technology Strategy Board
- 5) Number 10 reception - celebrate young scientists



Progress - strategic

Embedding

- ☒ Guidelines for Chief Scientific Advisers
- ☒ Science and Society Champions Network - x department
- ☒ Principles for public dialogue in S&T

Networking

- ☒ Cross-government group on dialogue (DCA lead)
- ☒ Government communications - Cabinet Office
- ☒ DCA, DCLG (Together We Can) - steering groups

Aligning

- ☒ Foresight and Horizon Scanning



Sciencewise Projects 1

Completed

- Democs (pilot)
- IT security: *Trustguide*

Ongoing

- **Nanotechnology:** *Nanodialogues*
Nanotechnology Engagement Group
- **Climate change:** *Community Xchange*
Risky Business
- **Capacity-building:**
Science Communication Working Lunches (BA)



Sciencewise Commissioned Projects

- *Sciencehorizons* (Horizon Scanning)
- *Drugsfutures* (Foresight BSAD)
- Embryos (HFEA)

- Stem cells: (MRC, BBSRC)
- Forensic use of DNA: (HGC)

Future..

- Issues that *sciencehorizons* project identifies



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Run by:
Dialogue by Design,
the Graphic Science Unit,
BBC Worldwide Interactive
Learning, Demos,
Shared Practice

What will happen to the results? -presented to govt Autumn 2007.
“help the government understand how people feel about the way
developments in science and technology could be used in the future.

... help them make decisions about how to research, regulate &
communicate science and technology.

PLEASE SEND YOUR RESULTS TO US BY 25TH JUNE 2007



Building a 'corporate memory'

⌘ CST "Policy through dialogue" March 2005

⌘ Scoping study - 2006

☒ What do policy-makers want? What's feasible?

⌘ Pre-budget commitment (!) to Expert Resource Centre

2007



Sciencewise & the Expert Resource Centre

AIM - build the commitment & capacity of Government to engage in public dialogue (PD) on scientific developments in order to inform decision-making

- Help policy-makers commission & use PD
- Build capacity in Government departments
- Embed principles of good PD in Government



Opportunities

- ⌘ Some funding opportunities
 - ☒ scientists & science communication skills needed
- ⌘ Run events - eg Sciencehorizons
- ⌘ Help publicise findings to scientists
- ⌘ Sit on steering groups
- ⌘ Sign up to website, get newsletters

c) Organisations & Learned Institutes



Royal Society

- z Social scientists
- z PE into policy - & elsewhere
- z Industry

BA

- z National Science & Engineering Week (Festival of Social Sciences): > 3000 events, up by ~ 50%
- z Science and Engineering Clubs with SETNET & ECSITE UK > 200 (see Matthew Tosh)
 - z DTI scheme hard to reach-schools ~300 new schools

c) Organisations & Learned Institutes



Science Media Centre -

- z Engineers needed! Training... Climate Change
 - z Aviation, Farming, Buildings
- z New science in Sep? BA Festival
- z Animal research - less secrecy
- z Suggest topics for weekly press briefings
- z Good time for science in news!

Smalltalk

Science Engagement & Research for Change



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2007 to 2009

a) Short phone interviews: - next month or two

b) Culture change in your university:

Action plans a small number of people/departments to promote culture change in their university from October 2007 or Jan 2008.

Search-bristol@bristol.ac.uk

NESTA Making
Innovation
Flourish



d) Progress in last year - schools



- z New GCSE in place - How Science Works
- z Key Stage 3 being updated
- z A levels under review - rolled out 2008
- z STEM Programme Report (11.45 Holman +)
 - z co-ordinate activities better - clearer to schools
- z Royal Society, Wellcome - Education Directors
- z Science Learning Centres - beat CPD targets
- z ASE - launched Chartered Teacher Status
- z Sainsbury Review for Treasury - attracting new

e) Progress in last year - World



Science Festivals

Famelab (15 countries)

Café Scientifiques

Science Media Centres - Australia (NZ, S Africa coming)

Science Shops (Europe)

British Council - 'regions', so big projects possible

EU Framework money doubling