



Cross-Disciplinarity and Co-Creation

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Why is this a Cross-ICT Priority?

- Many **exciting opportunities** for transformative research emerge at the interface between established areas. The ICT landscape forms an ideal platform with rich opportunities for closer working between disciplines
- **Active collaboration** across disciplines offers an ability to tackle research challenges that **could not be targeted effectively by researchers working only in one discipline.**
- In Co-Creationary research, a strong foundation for novel research is established by identifying and creating a **consensus before a project starts.**



- ■ ■ Consideration of this priority in all standard mode proposals is encouraged
- ■ ■ Alignment with this priority needs to be demonstrated by leading members of the community applying for:
 - ■ ■ **Established Career Fellowships**
 - ■ ■ **Programme grants**
- ■ ■ EPSRC peer review process will be monitored to identify any bias against cross-disciplinary proposals



- ■ ■ Demonstration of effective links with collaborators will strengthen any proposal:
 - ■ ■ **Involve potential collaborators in the earliest stages**
 - ■ ■ Include **time in your workplan**, for ideas to be shared and investigators to gain an understanding of each others' science
- ■ ■ Check our **website** - guidelines and examples of good practice will be added from time to time.
- ■ ■ Advertise your research skills and **make yourself visible**
 - ■ ■ Reach out and explore opportunities to be Co-Is in large projects
 - ■ ■ Within the ICT community, across the EPSRC portfolio, and those funded by other research councils



In Small Groups

- ■ ■ **Introduce** your research to each other – 2 mins
- ■ ■ **Devise a title for a cross-disciplinary research programme, involving all of your research interests** (the wackier the better!) – 5 mins
- ■ ■ Identify where this new field will be in **20 years** – 5 mins
- ■ ■ Identify the **key steps for the first three years of research**, including identifying **who else** would need to be brought into the project – 10 mins
- ■ ■ What are the **first steps** to setting up the necessary co-creationary partnerships? – 8 mins

As a Whole Group – 10 mins

- ■ ■ Feedback from each group on the **first steps for** how they could embed this approach within their research.
- ■ ■ Discussion of **pros and cons** of Cross-disciplinary research



- Many of the most exciting opportunities emerge at the interface between established areas.
- **Aims of this Cross-ICT Priority**
- To encourage investigators to form novel collaborations with researchers working in different disciplines and with users of research.
- To encourage investigators to form active collaborations across disciplines to help ensure that the problems being tackled and the opportunities being explored within the EPSRC ICT portfolio, are well-framed and clearly understood.
- To encourage innovative approaches including some that could not be devised by researchers working in one discipline alone.
- To encourage active partnerships in which, for example, methodologies from one discipline can be applied in another.
- **Things to Keep in Mind**
- Actively involve collaborators in the earliest stages of devising a proposal.
- Researchers should be able to demonstrate that a proposed collaboration will be effective. They should also include time in workplans for ideas to be shared and researchers to gain an understanding of each other's science.
- Applicants for Established Career Fellowships and Programme Grants must show how they will address this priority.

