

## Crossing-Boundaries

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### ... the details

- **Full Title:** Crossing Boundaries: Knowledge and Technology Transfer and Innovation
- **Acronym:** CrossingBoundaries
- **Proposal Number:** 318928
- **Scientific Panel:** ECO: Economic Sciences
- **Grant Agreement Number:** PIRSES-GA-2012
- **Duration of the project:** 48 months
- **Project start date:** 1/12/2012



### The Partners

Partner Number	Partner name	Partner short name	Country
1 Beneficiary 1	University of Bradford	UoB	UK
2 Beneficiary 2	Tallinn University of Technology	TUT	Estonia
3 Beneficiary 3	University Institute Lisbon	UIL	Portugal
4 Partner 4	The Higher School of Economics	HSE	Russia
5 Partner 5	Jawaharlal Nehru University	JNU	India

## Research Questions

This research community will focus particularly in addressing five research questions:

- Who are the actors involved
- What are the processes of knowledge & technology transfer
- How do contextual factors (such as institutional divergence, cultural differences & geographic distance) influence the processes of knowledge & technology transfer across national boundaries?
- How do organisational factors (such as technological capabilities, & the absorptive capacity of the firm) influence the processes of knowledge & technology transfer across national boundaries?
- What are the implications for policy & policy transfer for innovation?




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## Aim of the project

The programme will contribute in the development of

- theoretical constructs
- provide an evidence base drawn from the experience of the countries
- Informs policy makers future research & policy
- develop country case studies that explore specific aspects (territorial, organisational and policy) aspects of these issues
- The creation of an enduring partnership and future collaborative research.




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## The work packages

Work package number	2	Start date or starting event:	Month 1
Work package title	Conceptualising Knowledge, Technology and Innovation across Disciplinary and Methodological Boundaries		

### Objectives

- Review existing definitions and identify key
- Explore problems involved in the development of conceptually sound and relevant measures of innovation, & knowledge and technology transfer
- Propose operational definitions and measurements (for the concepts of innovation and knowledge and technology transfer)

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## The work packages

Work package number	3	Start date or starting event:	Month 10
Work package title	The Territorial Dimension		

**Objectives**

- Explore the implications of distance (viewed here not only in terms of geography but also institutional and cultural)
- Review how knowledge and technology flows across national boundaries are governed
- Explore the implications of knowledge and technology transfer across national boundaries on innovation performance

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## The work packages

Work package number	4	Start date or starting event:	Month 10
Work package title	The Organisational Dimension		
Beneficiary/Participant Organisation short name	UoB, TUT, UIL, HSE, JNU		

**Objectives**

- Examine the processes and their governance of knowledge and technology flows across national boundaries
- Examine the implications of organisation specific factors, such as absorptive capacity, on knowledge and technology transfer across national boundaries
- Explore the implications of knowledge and technology flows on organisational performance (particularly - in terms of innovation)

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## The work packages

Work package number	5	Start date or starting event:	Month 36
Work package title	Synthesis		
Beneficiary/Participant Organisation short name	UoB, TUT, UIL, HSE, JNU		

**Objectives**

- Who are the actors involved in the process of knowledge and technology transfer for the purposes of innovation across national boundaries?
- What are the processes of knowledge and technology transfer across national boundaries and how do these differ according to the actors involved?
- How do contextual factors (such as institutional divergence, cultural differences and geographic distance) influence the processes of knowledge and technology transfer across national boundaries?
- How do organisational factors (such as technological capabilities, and the absorptive capacity of the firm) influence the processes of knowledge and technology transfer across national boundaries?
- What are the implications for policy and policy transfer for innovation?

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## Targets of the project

- Produce four high quality research papers published in leading international journal (HSE with co-authors)
- Produce six high quality research papers published in a Special Issue of the European Journal of Innovation Management *International Knowledge and Technology Flow and Innovation: The Policy Dimension*
- Working in inter-disciplinary teams and across national boundaries, researchers will work in preparing a set of papers for a Special Issue of the European Journal of Innovation Management.



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