

# Institute of Knowledge Transfer Research into Practice: Purpose

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President IKT

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# IKT September Workshop

## Research Themes

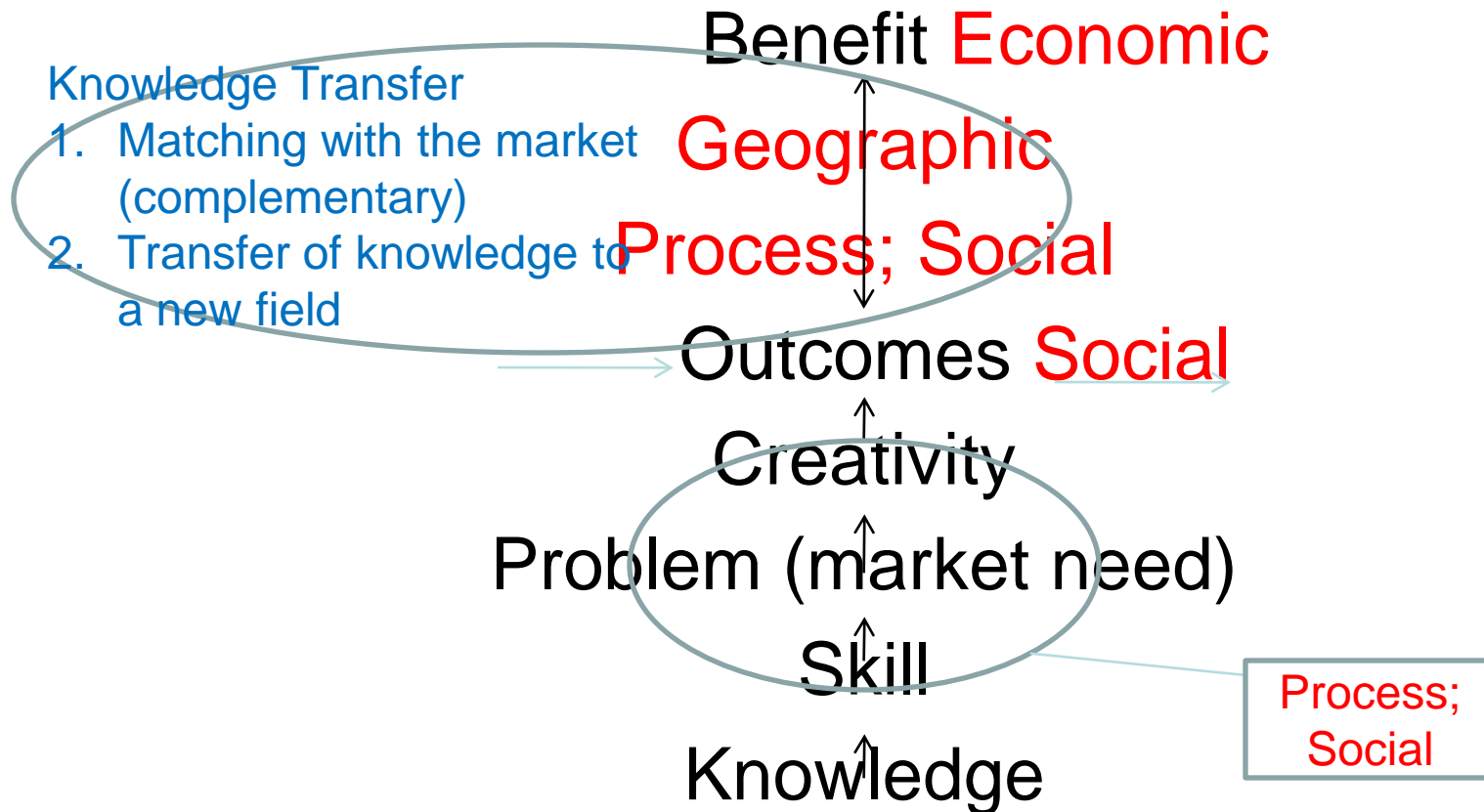
- Creation of value: market and social learning; co-production i.e. the dialogue between those looking at the developments of markets and those engaged in technological development.
- Impact and outcomes – social, economic, and cultural, and reviewing methodologies for doing this incorporating how relevance is assessed.
- Client preparation/KT awareness.
- Organisation of KT – flows to and from industry/business and public research and arts organisations and how these are influenced by intermediaries and government.
- Impact on teaching and research of KT activities.\*
- Cultural dynamics in universities; barriers to the development of KT and incentives\*
- Organisation/governance of KT and KT activities in universities, public sector research and arts organisations including financing\*.
- QA processes and professionalization\*.

# Research into Innovation

e.g. Oxford Handbook of Innovation

- Economic
  - Economic growth; competitiveness; employment
- Geographic
  - Regional (clusters); national; globalisation
- Processes
  - Nurturing; organizational; measurement
- Social
  - Explicit and tacit knowledge; diffusion; networks; individual competences

# Innovation



# IKT Workshop September 2008

## Identification of areas to Research

- Creation of value: market and social learning; co-production i.e. the dialogue between those looking at the developments of markets and those engaged in technological development. **Economic/(Competiveness)**
- Impact and outcomes – social, economic, and cultural, and reviewing methodologies for doing this incorporating how relevance is assessed. **Process/(Measurement)**
- Client preparation/KT awareness. **Social/(Diffusion)**
- Organisation of KT – flows to and from industry/business and public research and arts organisations and how these are influenced by intermediaries and government. **Process/(Organizational)**
- Impact on teaching and research of KT activities.\* **Process/(Organizational)**
- Cultural dynamics in universities; barriers to the development of KT and incentives\* **Process/(Organizational)**
- Organisation/governance of KT and KT activities in universities, public sector research and arts organisations including financing\*. **Process/(Organizational)**
- QA processes and professionalization\*. **Social/(Individual competences)**

# Research Themes - a personal selection

- Clusters, jobs, and regeneration
- Explicit and tacit knowledge transfer
- Universities role in KT

# Clusters, jobs and regeneration

Clusters, Networks and Innovation -ed. Breschi & Malerba

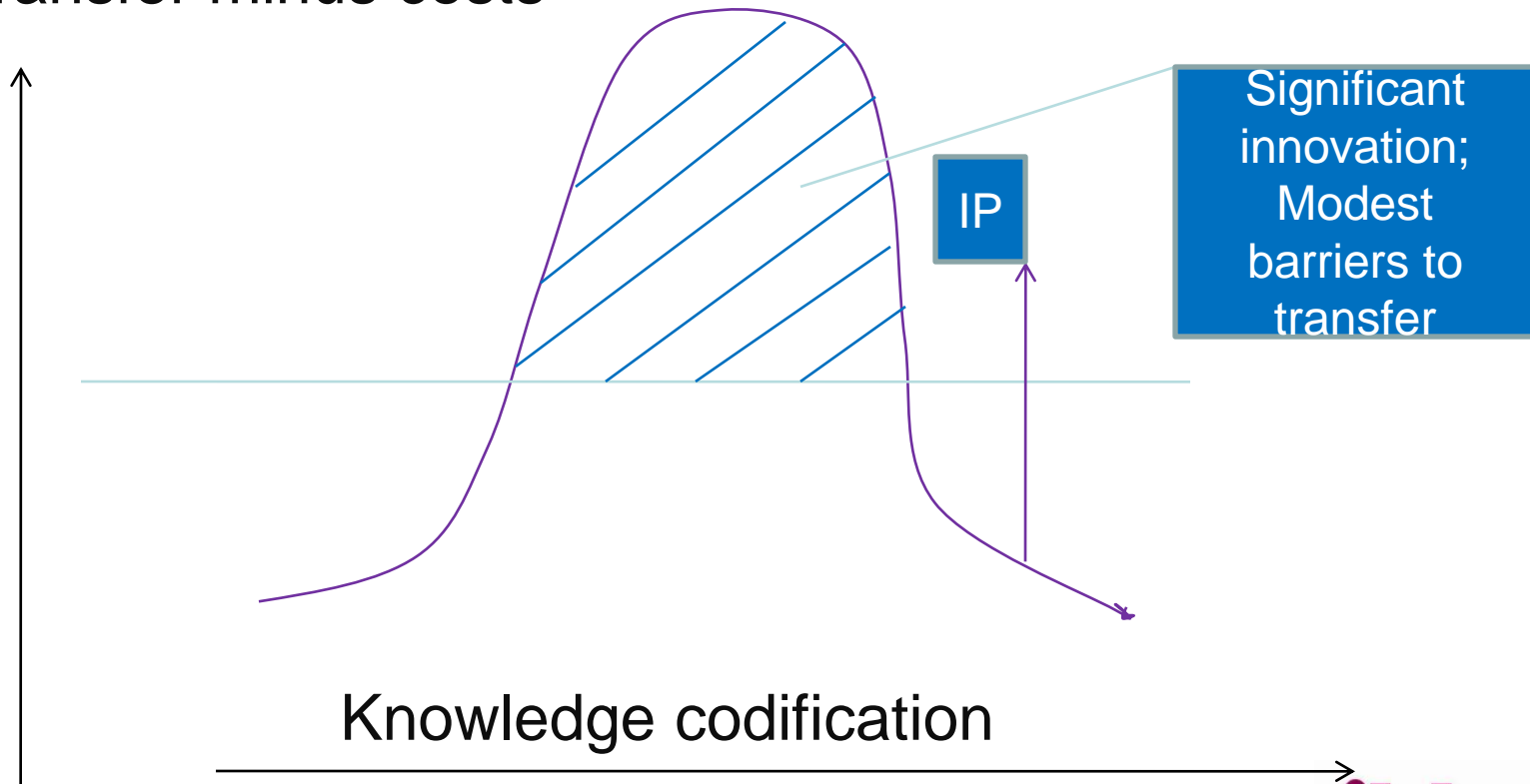
- Region
  - Political entity
- Innovation
- Network
  - ‘A set of reciprocal, reputational, or customary trust and co-operation-based linkages’
- Learning
  - Institutional learning; ‘acceptance of new levels and kinds of knowledge, skills and capabilities’
- Interaction
  - Association of members and organisations

*Comparative study of Wales and Battenberg-Wurtemberg*

- *Allows a feel for higher or lower potential for regional innovation*

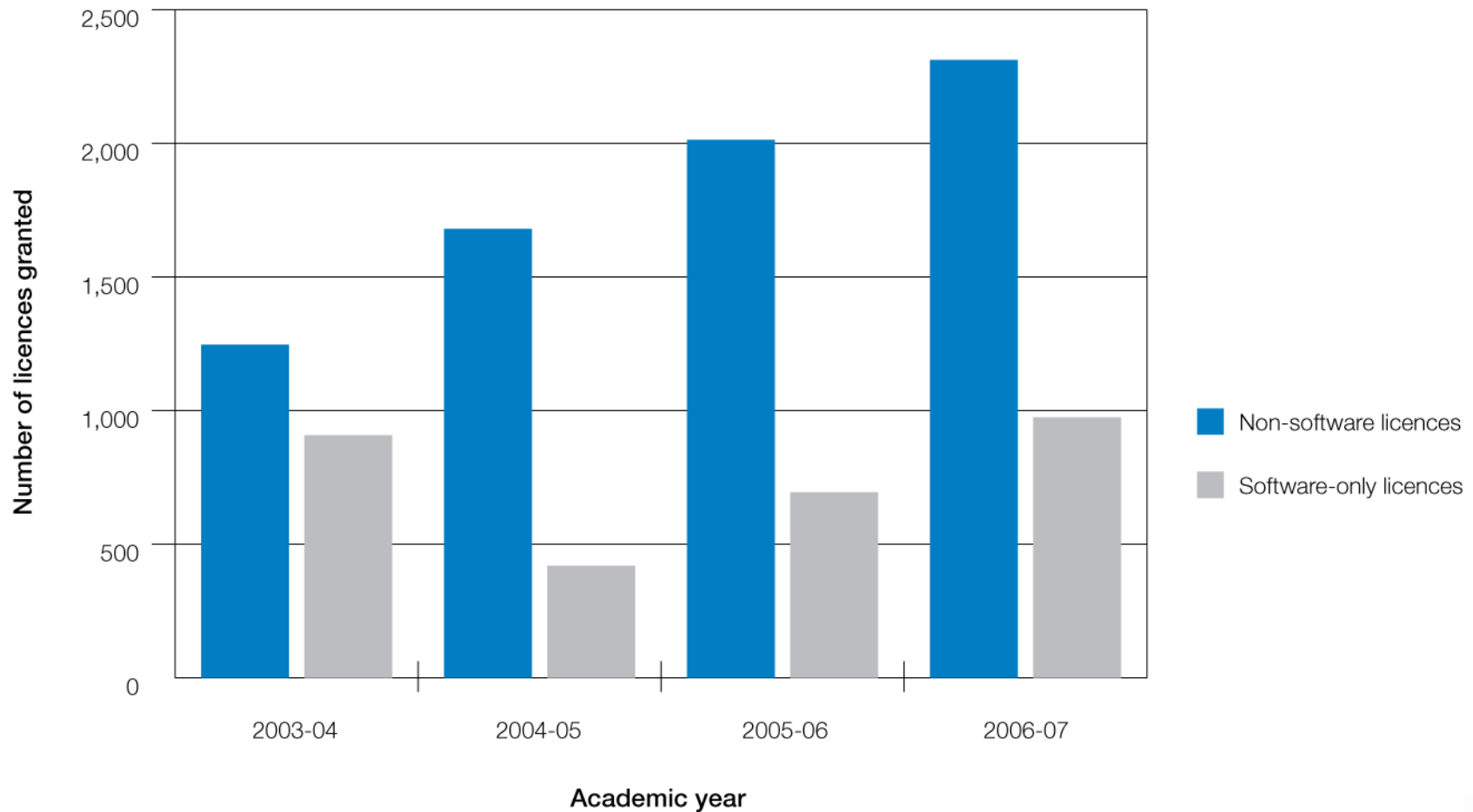
# Explicit and tacit knowledge

Value of innovative transfer minus costs



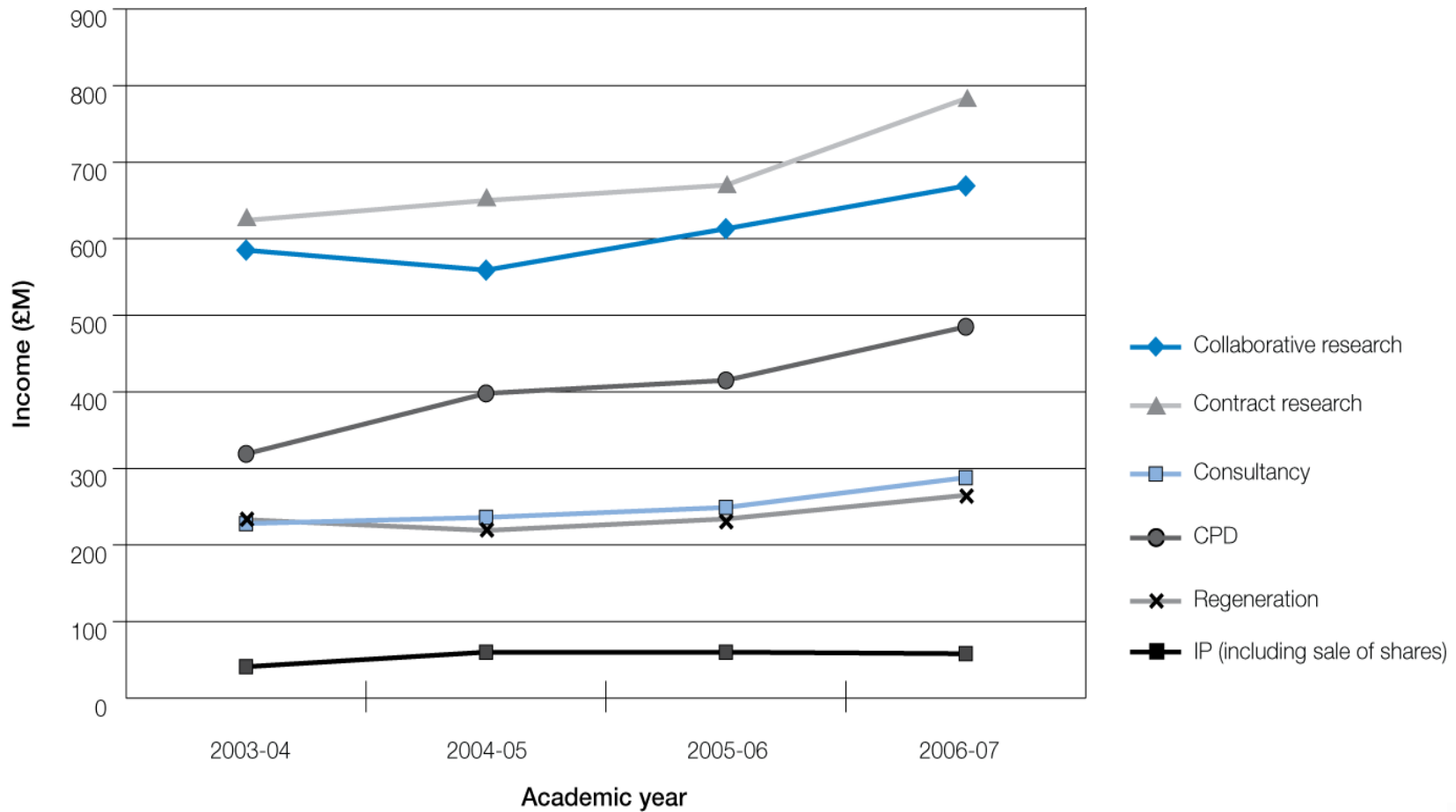
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# Number of licences granted by HEIs



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# HE Business and Community Engagement 2006-7 UK (new)

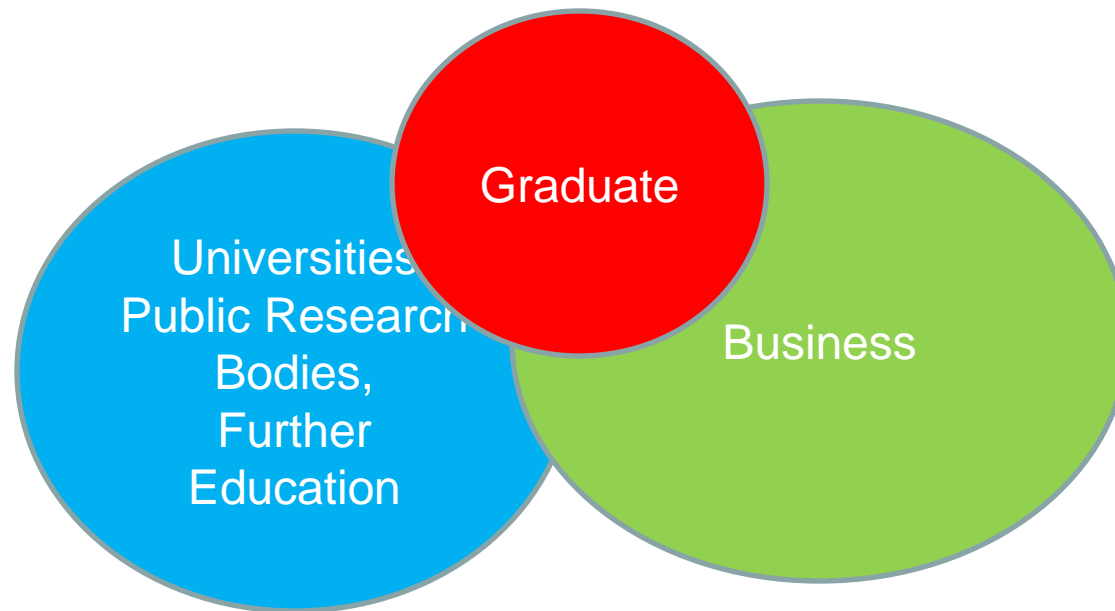


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# Knowledge Transfer Partnerships

## former Teaching Company Scheme

Long standing government supported scheme; over 6000 graduates and 3000 organisations have been involved

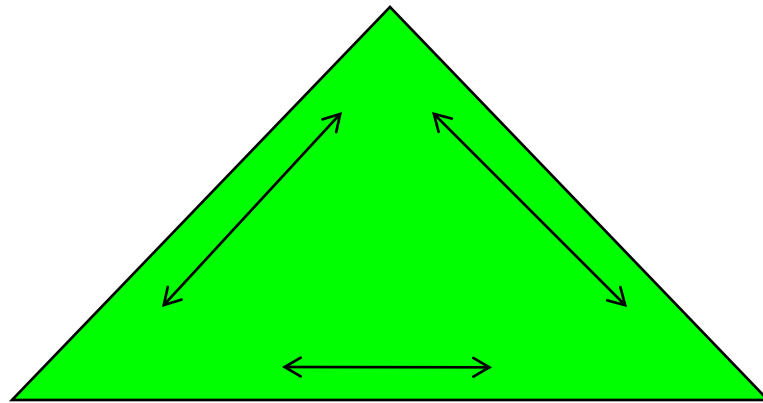


KTP Associates (Graduate) play a key role in managing and implementing a strategic development

# Role of Universities and KT

**strategic; professional; institutes; global competition and collaboration**

## Research



## Teaching

Student focused;  
Learning outcomes;  
Impact of Web 2.0  
some collaboration  
Increased internationalisation

## Knowledge Transfer

Key strategic component;  
Open innovation - collaboration  
Increasingly professional

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# Institute of Knowledge Transfer

## **Individual Membership based on professional standards**

- Peer reviewed work-place learning and CPD
- Articulation of skills and competencies required for professional success
- Associate membership

## **Broad definition of knowledge transfer interests**

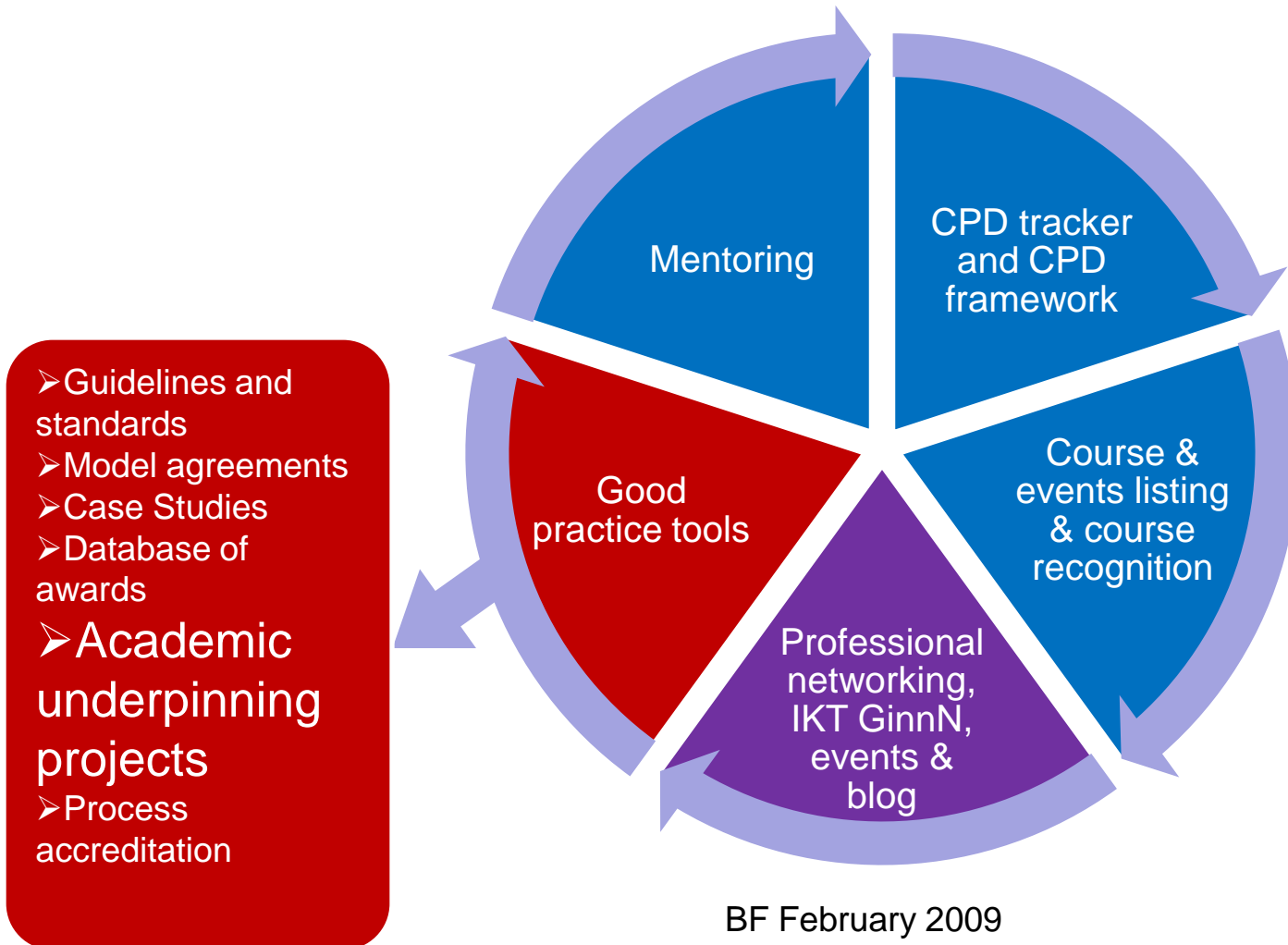
Enables networking with and between more focused KT organisations:

- In private and public sectors
- By organisations drawn from business/industry; research/discovery and intermediate companies and facilitators

# IKT Role

- Career Development
  - Standards, CPD recognition and mentoring
- Communications and Network Building
  - News, professional (social) networks, workshops etc
- Enhancing the Profession
  - Advocacy; encouragement of intellectual underpinning; promotion of good practice
- International engagement

# The IKT offering



# Knowledge Transfer People

## Core competencies

- Good communication and interpersonal skills
- *Management skills*
- Commercial awareness
  - **New business development skills**
  - **Negotiating skills**
  - **Understanding of IP and licensing**
  - Discipline/industry specific knowledge
  - ***Understanding business (and innovative) model options***
- *Personal CPD plan*
- *Personal library and information access strategy or plan*
- Personal Networking - ***use of social network skills***
- ***Creation of Networks to build collaboration***
- Cf Key elements of Education programme for Certified Trans- national TT professionals EC report August 2007

## **Members**

Graduates or equivalent

5 years experience of knowledge transfer

Allowance for equivalent experience

## **Associate Members**

Graduates or equivalent

Less than 5 years experience

**or** an interest in KT

# Research into practice

Thank you

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