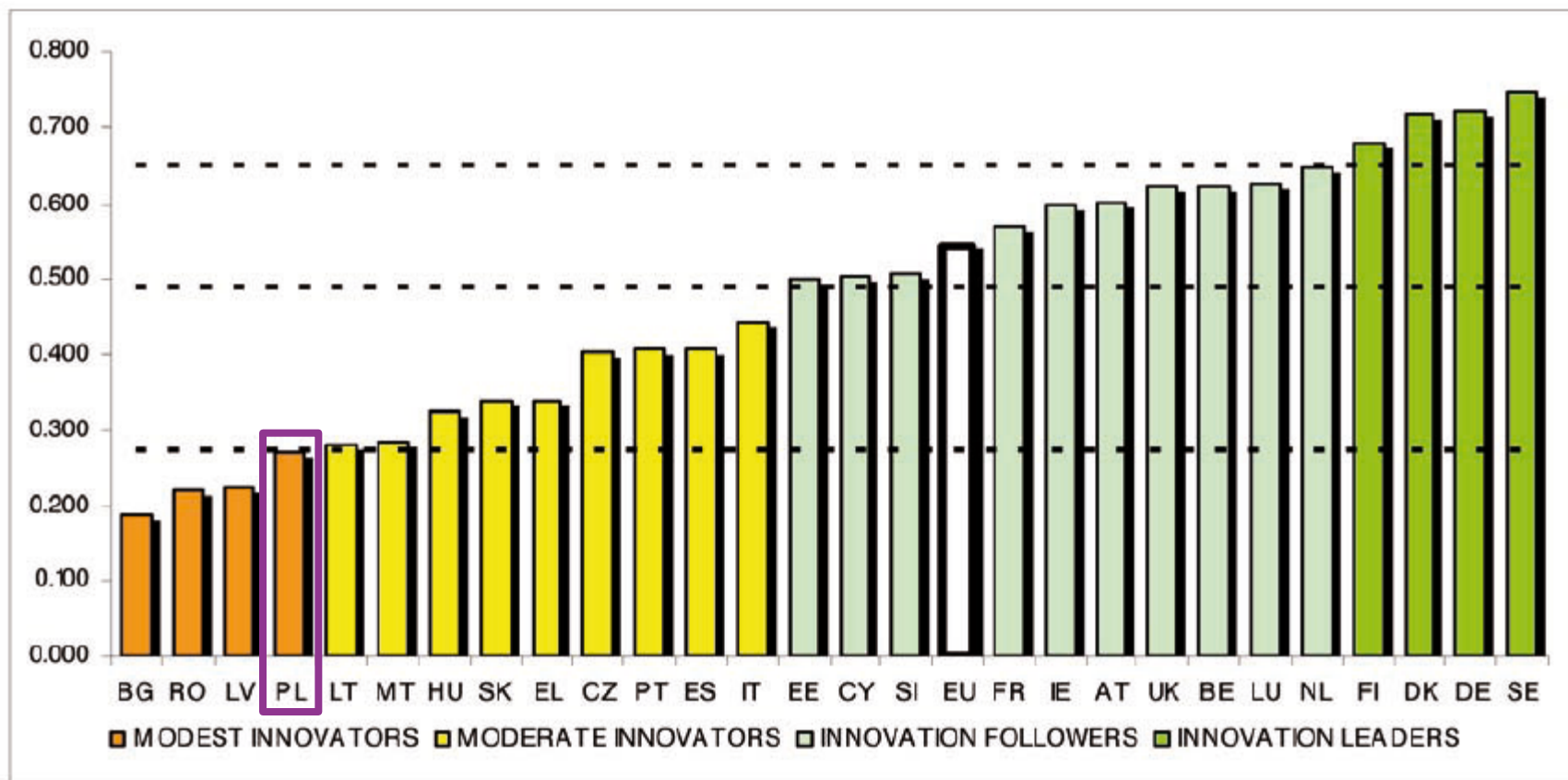


# Knowledge and Technology Transfer from Polish Public Research Organisations: A case study of the Institute for Sustainable Technologies – National Research Institute

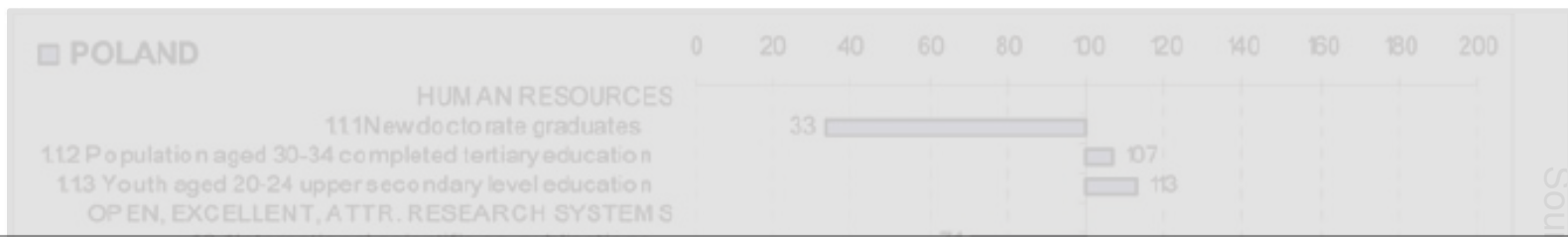
**Urszula Wnuk**

Institute for Sustainable Technologies –  
National Research Institute, Radom, Poland

## Technology transfer in Poland: background

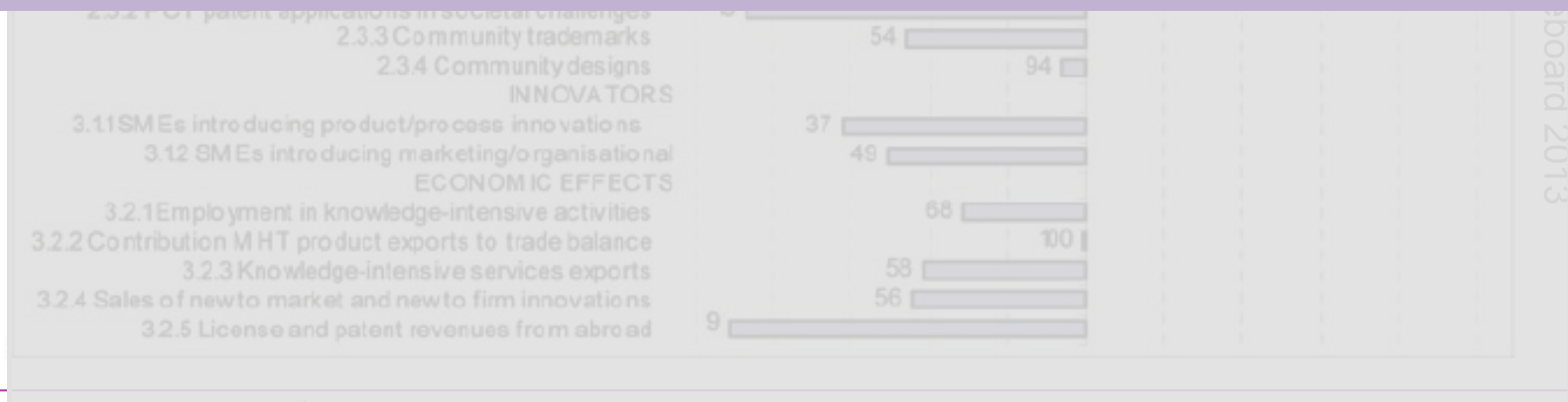


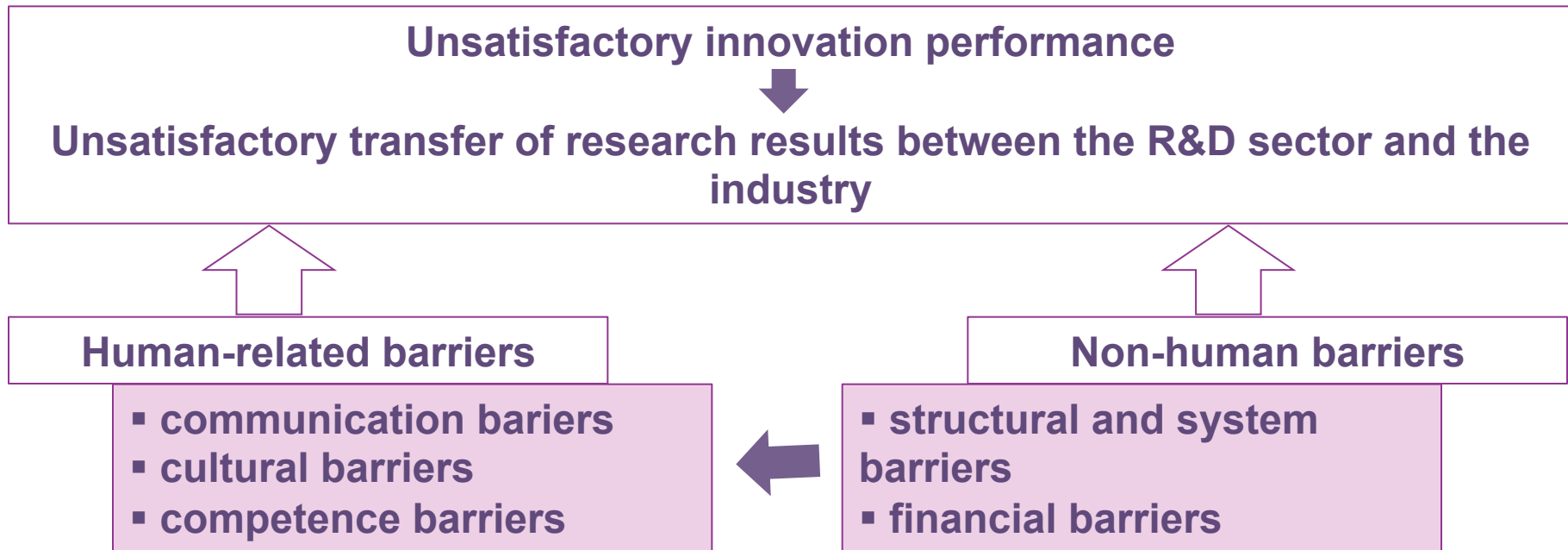
Source: Innovation Union Scoreboard 2013



Polish innovation performance below EU27 average due to:

- Low R&D expenditure
- Weak entrepreneurship culture
- Weak R&D-business links





## Strengths of the Polish innovation systems

- Openess and attractiveness of the education system
- High percentage of people with tertiary education degrees
- Strong R&D infrastructure



## Technology transfer from Polish PROs: overview

### Technology transfer channels:

- EU financed research programmes
- Government commissioned research programmes
- Industry commissioned research programmes



### Strategic research programmes:

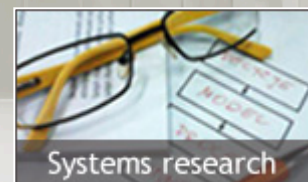
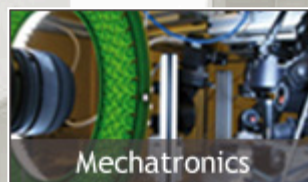
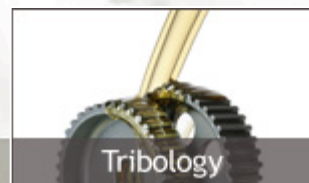
- national scale
- regional scale
- institutional scale

### Commercial technology transfer mechanisms:

- Sale
- Licensing

### Non-commercial technology transfer mechanisms:

- Publications
- Conferences, fairs, exhibitions
- Personnel exchange
- Student internships

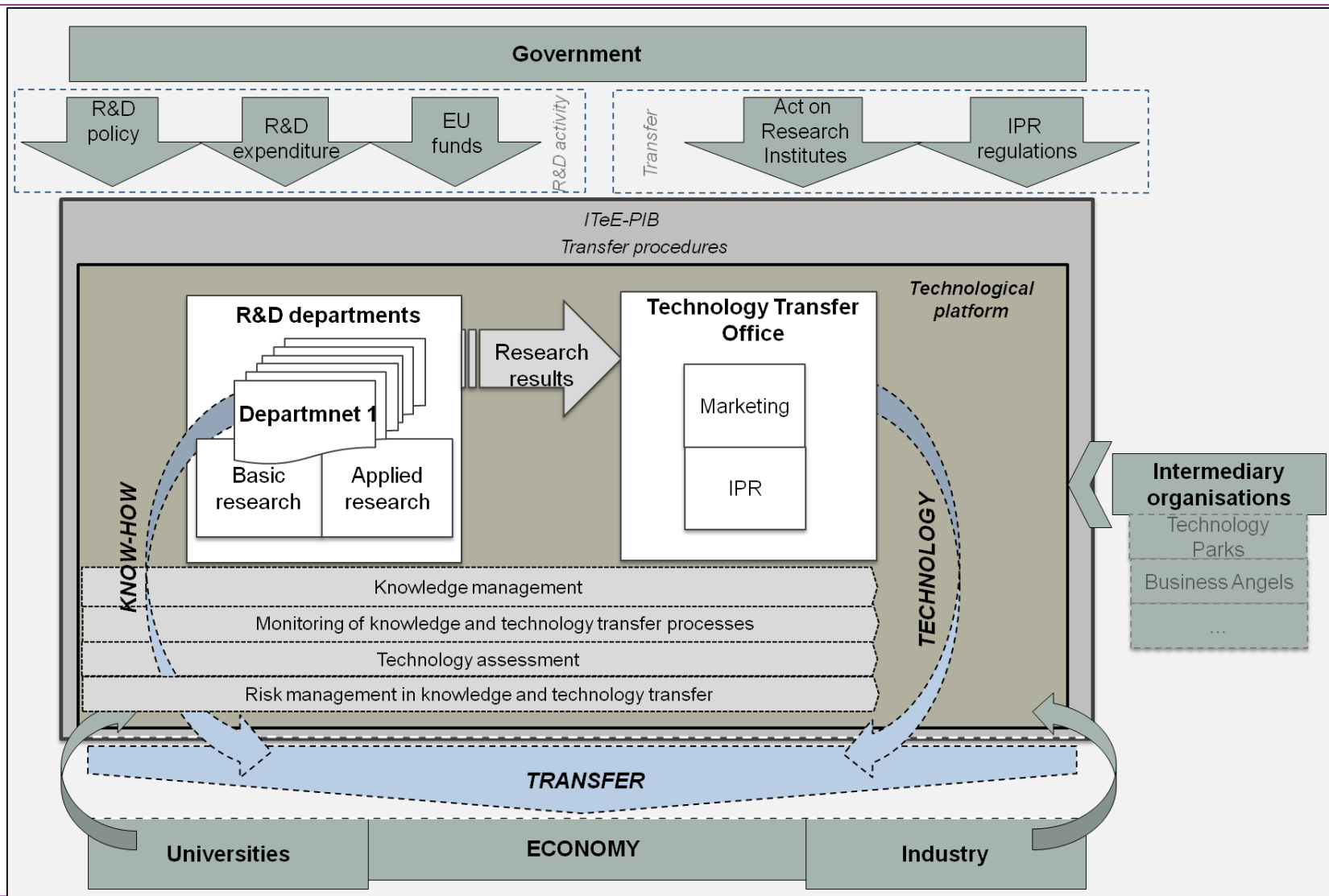






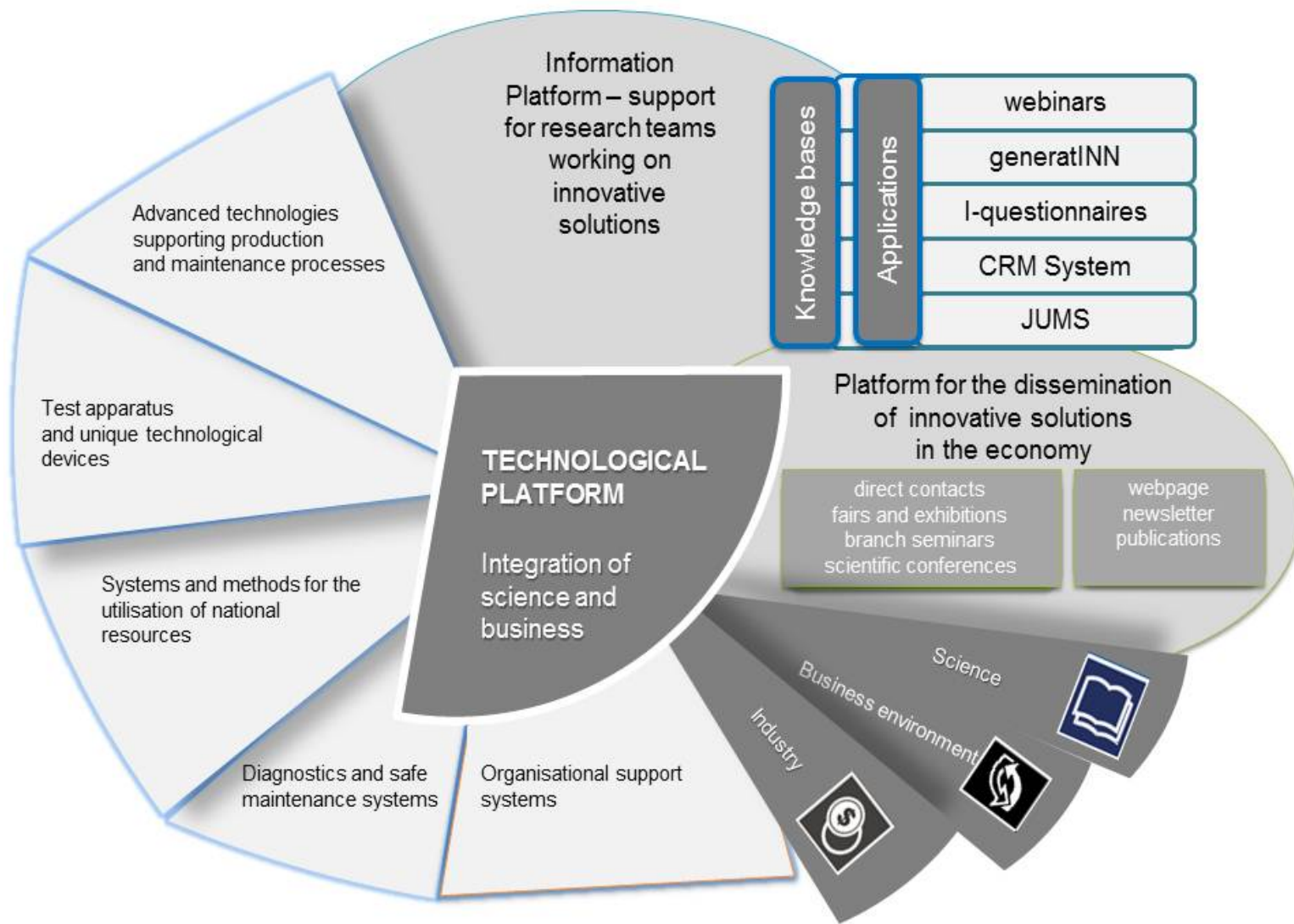
## Innovation Strategies Department

- Knowledge transformation, technology transfer and commercialisation of research results;
- Foresight projects at national, regional, sectoral, and corporate levels;
- Evaluation of strategic research programmes;
- National Innovation Performance.



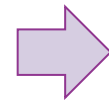


## Technological platform at the ITeE-PIB

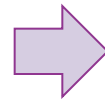




Innovative Systems  
of Technical Support for Sustainable  
Development of Economy



170 products in form of materials, technologies, systems and devices



90 non-material results including methodologies and procedures

## Transfer procedure applied:



- assessment of technology readiness
- assessment of commercial potential
  - assessment of innovativeness
  - selection of TT mechanisms
  - marketing campaign

## Technology transfer mechanisms applied at the ITeE-PIB

### Commercial technology transfer mechanisms

Mechanism	Popularity of application
Sale	+++
Licensing	++
Spin-off	+
Services	++

+++ frequent, ++ moderate, + rare

### Non-commercial technology transfer mechanisms

Mechanism	Popularity of application
Scientific publications	+++
Patents	++
Conference presentations	+++
Technology fairs and exhibitions	++
Workshops and seminars for the industry	++
Student internships and workshops	+
Personnel exchange	+
Informational leaflets	+++
Catalogue cards	+++
Technological platform	+++

+++ frequent, ++ moderate, + rare

THANK YOU FOR YOUR ATTENTION

*Urszula Wnuk*

Institute for Sustainable  
Technologies – National  
Research Institute

Pulaskiego 6/10  
26-600 Radom  
POLAND

[urszula.wnuk@itee.radom.pl](mailto:urszula.wnuk@itee.radom.pl)

