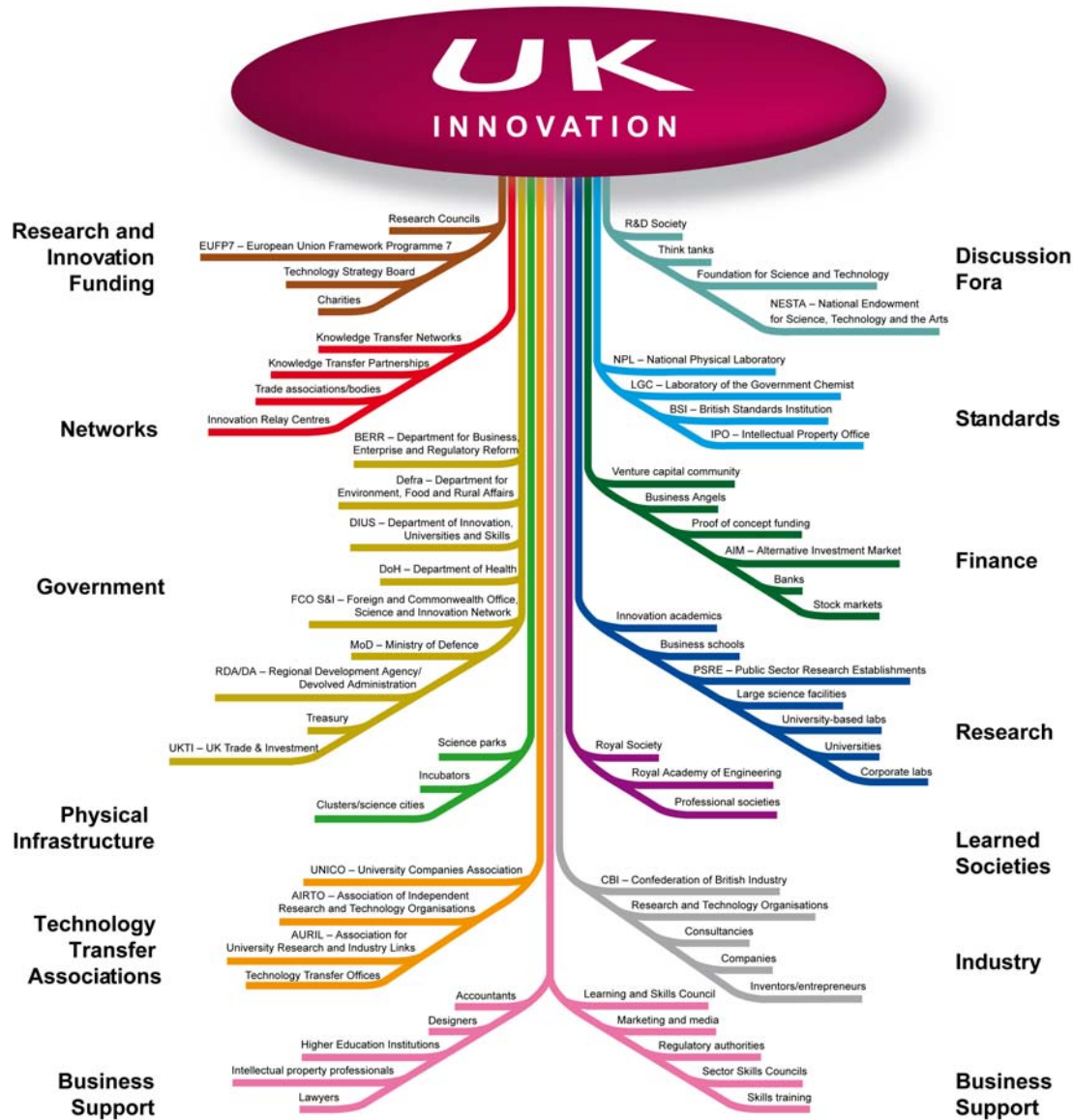


# Seed-and-breed innovation promotion institutions

Science parks in the UK –  
part of the fabric of the innovation agenda

Dr Malcolm Parry OBE  
Director and CEO  
The Surrey Research Park  
University of Surrey



# The changing mission of universities in the UK



Balance between three key elements...  
original purposes were:

- Generation of new knowledge
- Passing on this knowledge to future generations

Additional mission since 1997

- Serving the needs of industry (business) and the community

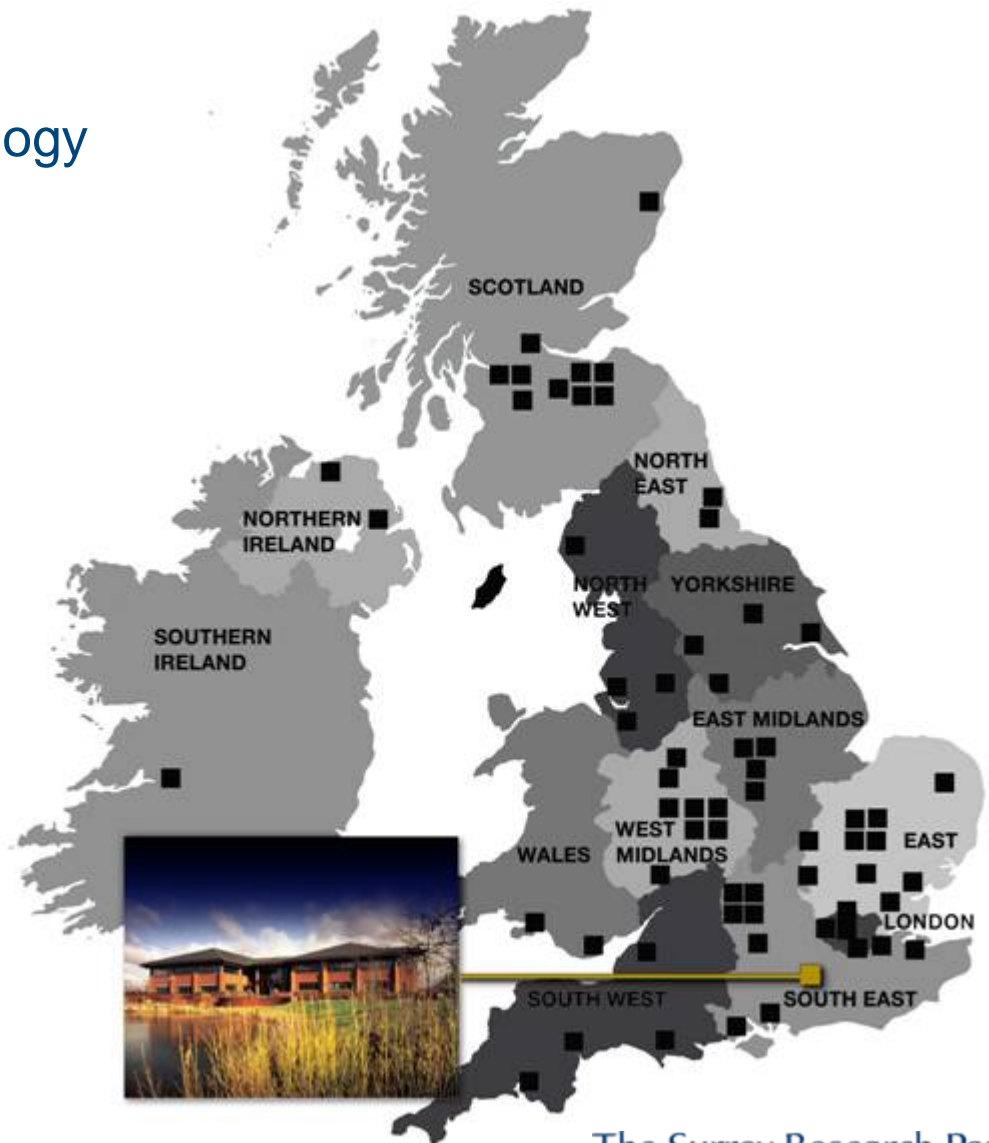
Metrics to measure impact...

- Contact point for SMEs
- Consultancy framework
- Business focused short courses
- Distance learning courses

# Science Parks - a definition

Business support and technology transfer initiative that:

- Encourages and supports start up, incubation and development of innovation led, high growth, knowledge based businesses
- Larger businesses link to centre of knowledge
- Formal and operational links with centres of knowledge



# Objectives for Science Parks

## University

- Some independent income
- Effect technology transfer
- Profile and change of culture

## Business

- Competitive advantage
- Acquisition of skills and technology
- Access to business support

## Government (local, regional, national)

- Return on investment
- Economic development – number, size and efficiency of business
- Build tax base



# The science park model - three zones

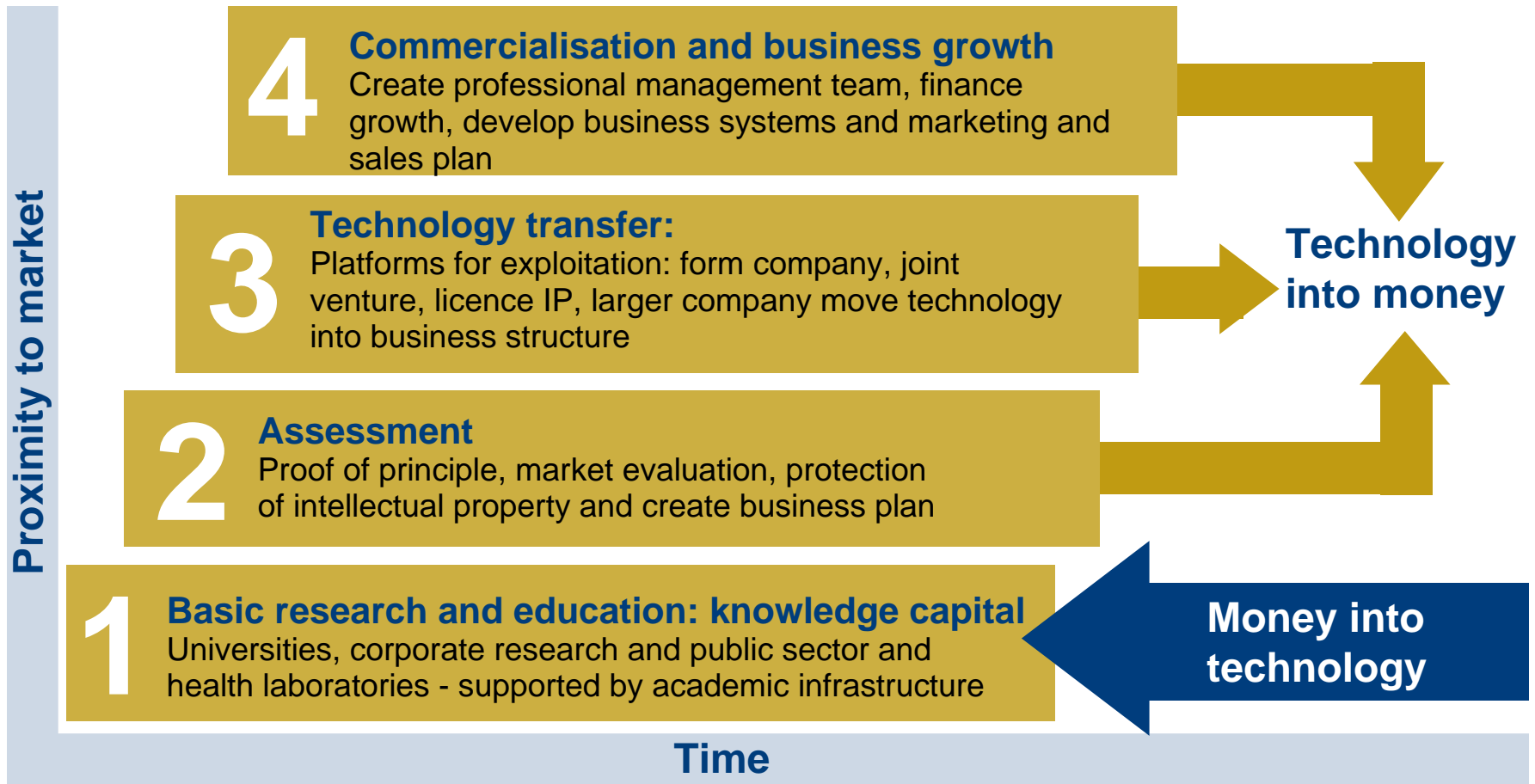
- Pre-incubation and business incubation and grow on space
- Medium sized research/technology business facilities
- Large research/technology businesses



# The science park movement – observation of reality

- Analytical (science), synthetic (engineering) and symbolic (content) knowledge based firms
- Kinds of companies
  - Develop own IP
  - Merge their own IP with other technology
  - Added value reseller
  - Contract Research Organisations
  - Consultants

# Commercialising science and technology





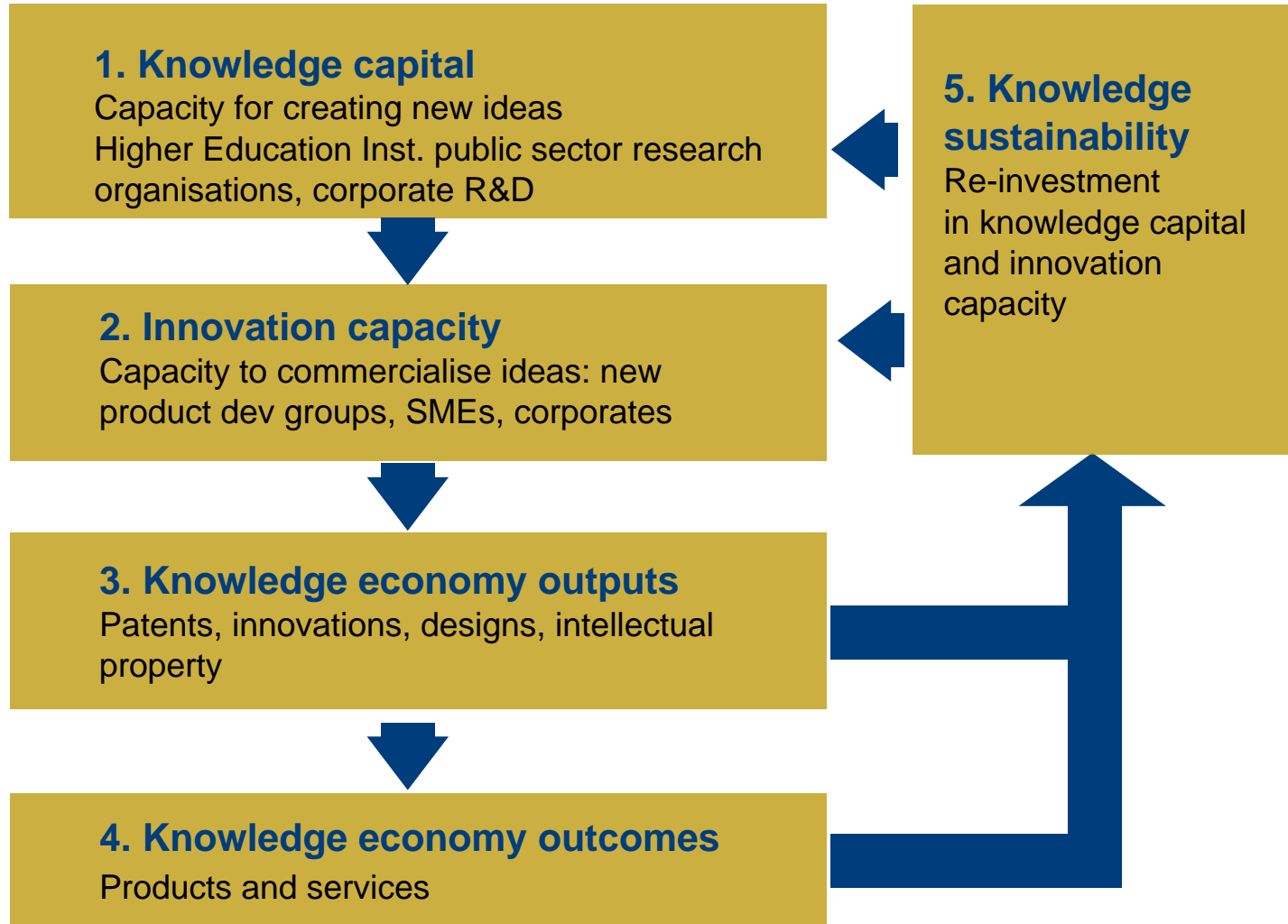
# UKSPA /Government study 2003

Sample 876 Companies,  
617 on parks, 259 off parks:  
Over 3 years:

- Have higher growth rates
- Easier to obtain finance
- Using equity finance more often
- Launched more services
- Employ higher proportion qualified staff
- Value the image of being on a park

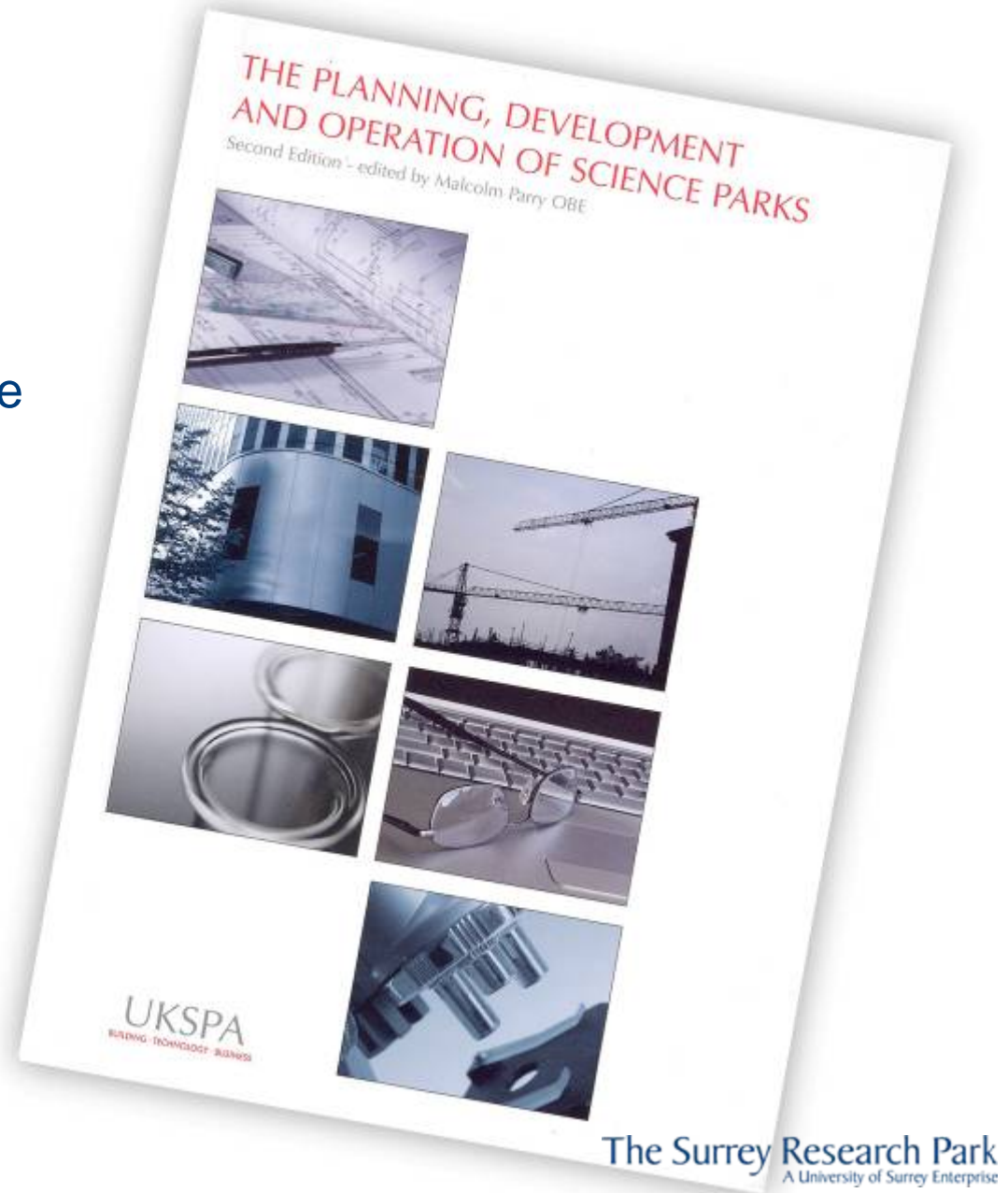


# Sub-regional knowledge economy



# Summary

- Stronger focus on the knowledge base
- Structure of link with this base
- A role for science parks
- Measures of success
- Issues for the future



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