



University of Newcastle Upon Tyne



New eScience contributing to the Knowledge Economy



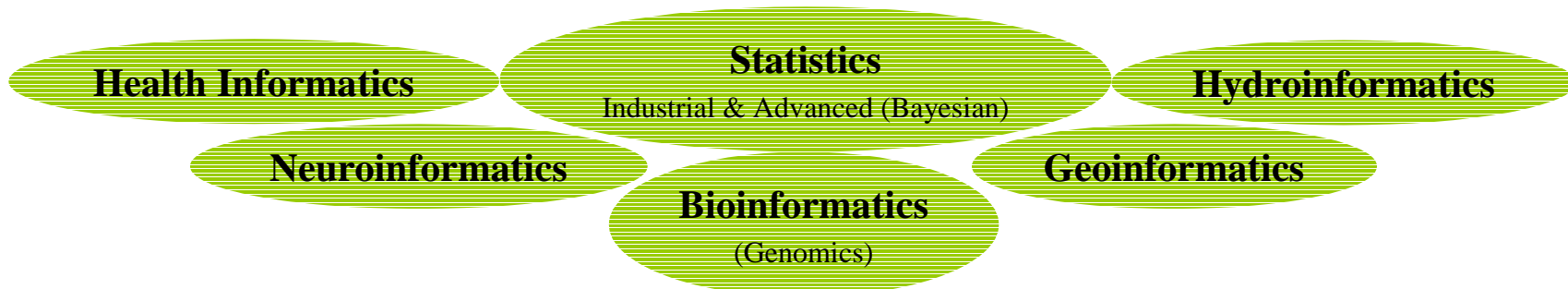
Helping build the Knowledge Economy in the North East
www.newcastle.ac.uk



Data & Knowledge Management

Data → Information → Knowledge → Wisdom

utilisation of large research and corporate datasets is a significant field of development in relation to advances in technology in a number of domains



UK NHS

US Navy

BASF

Daimler Chrysler

Ordnance Survey

Lloyd's

Pharma Co.s

UK MoD

Nissan

Fujitsu

Nestle

Rolls Royce

Smallworld

Commercial application of this added value pathway has already been implemented in the UK health market, and is under consideration within other market sectors.



Advanced Systems and Dependability & Reliability of Software & Systems

The highly respected Department of Computing Science @ncl.ac.uk has a number of active research groups all expert in their chosen fields.

Parallel & Distributed Computing

Network Dynamics & Reliability

Software and System Reliability

Dependability of Computer Based Systems

Active Information Repository Architecture

Sun Microsystems

Nortel Networks

Texas Instruments

Philips

Hewlett Packard

Marconi

Intel

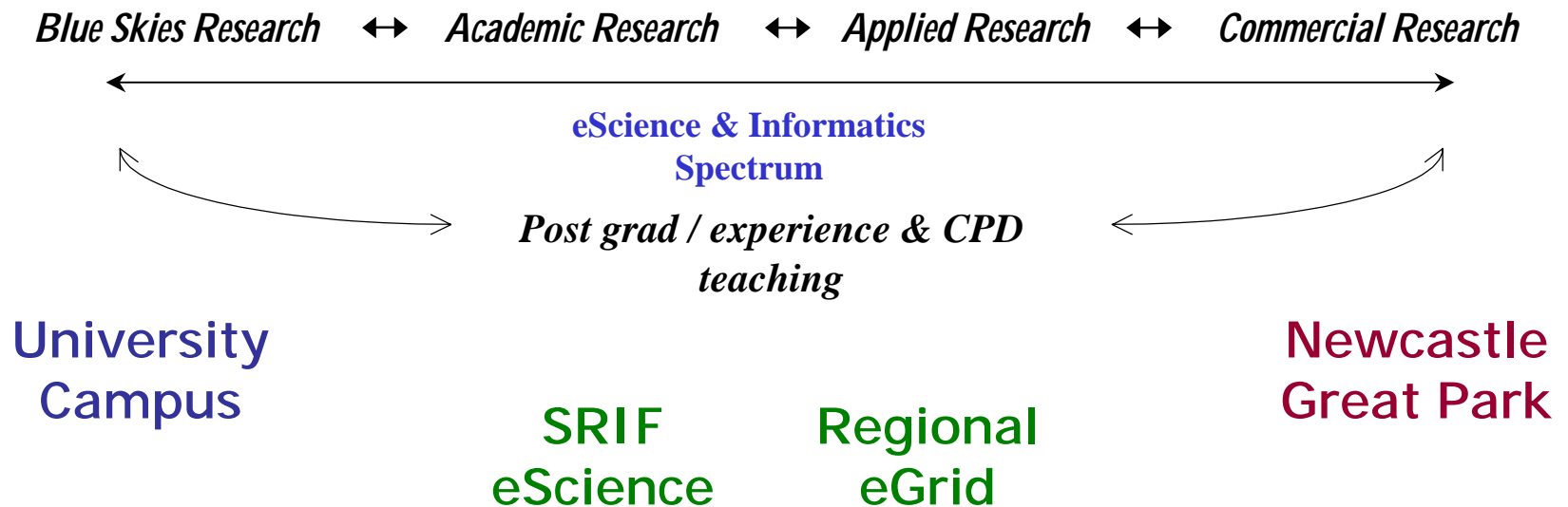
IBM

BT

SAGE

Development of the Knowledge Economy

Informatics Institute @ ncl.ac.uk



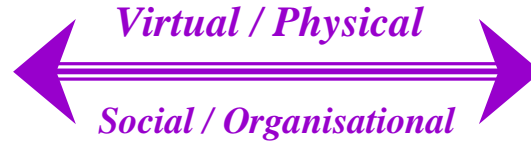
New Technology Institute @ UNN

**eScience &
Informatics**

ICT & Informatics in the North East

**Digital Technology
& Media**

UNIVERSITY OF
NEWCASTLE UPON TYNE



**University of
Sunderland**

UNIVERSITY of
NORTHUMBRIA at NEWCASTLE



eScience / eBusiness

with

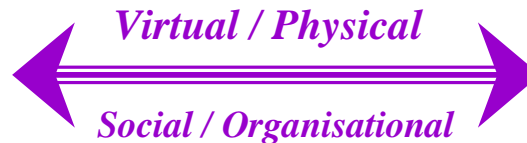
Digital Technology & Media



eNE.ac.uk

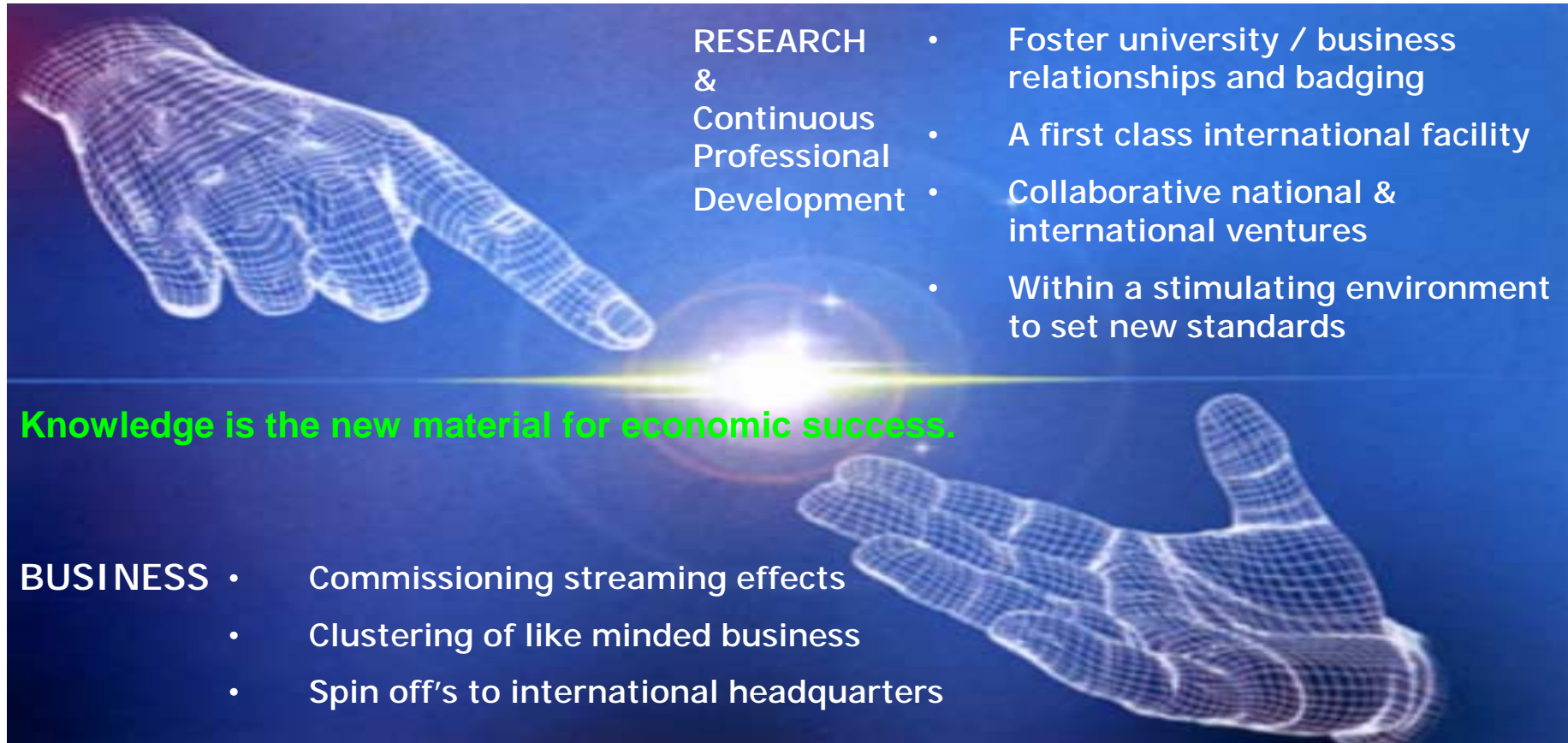


**Software Evolution
& eBusiness**



**Virtual Reality
& Media**

Development of the Knowledge Economy



RESEARCH & Continuous Professional Development

- Foster university / business relationships and badging
- A first class international facility
- Collaborative national & international ventures
- Within a stimulating environment to set new standards

Knowledge is the new material for economic success.

BUSINESS

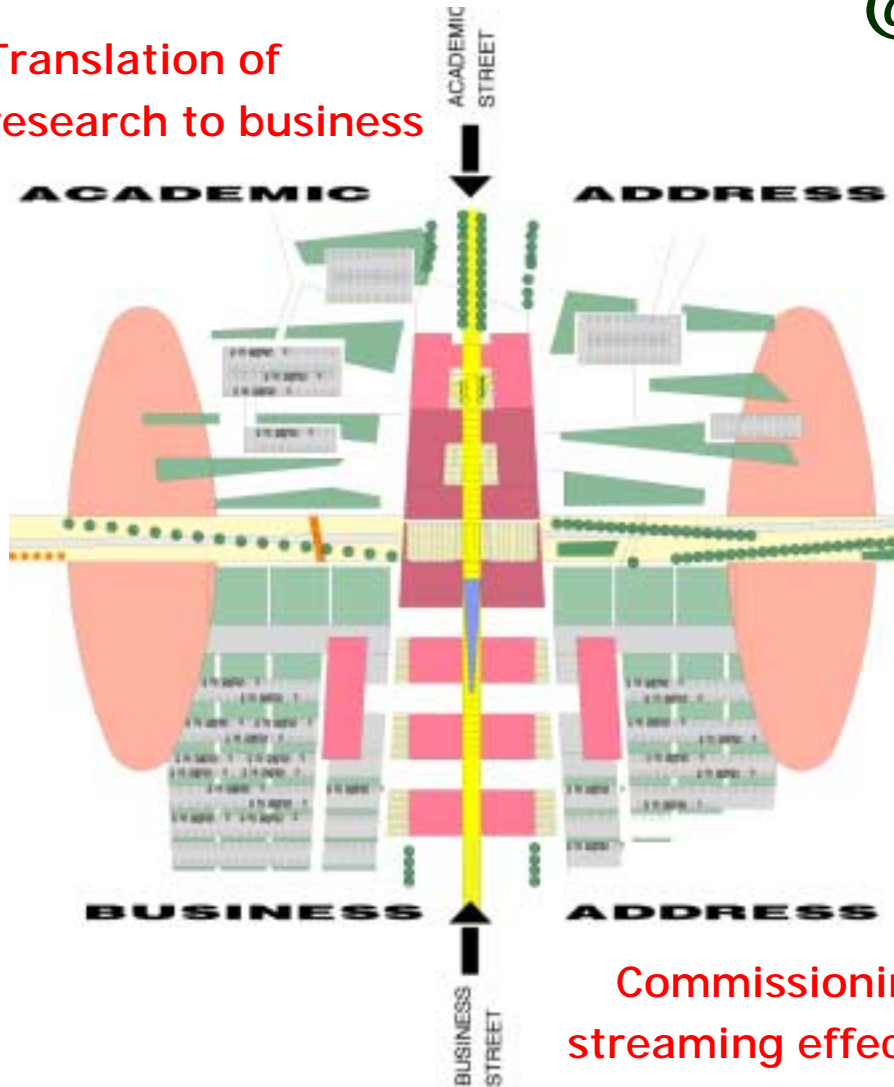
- Commissioning streaming effects
- Clustering of like minded business
- Spin off's to international headquarters

@ *Newcastle Great Park*

The Academic / Business Street

@ *Newcastle Great Park*

Translation of
research to business



Commissioning
streaming effects



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Dr Gary Nestor

University of Newcastle Upon Tyne

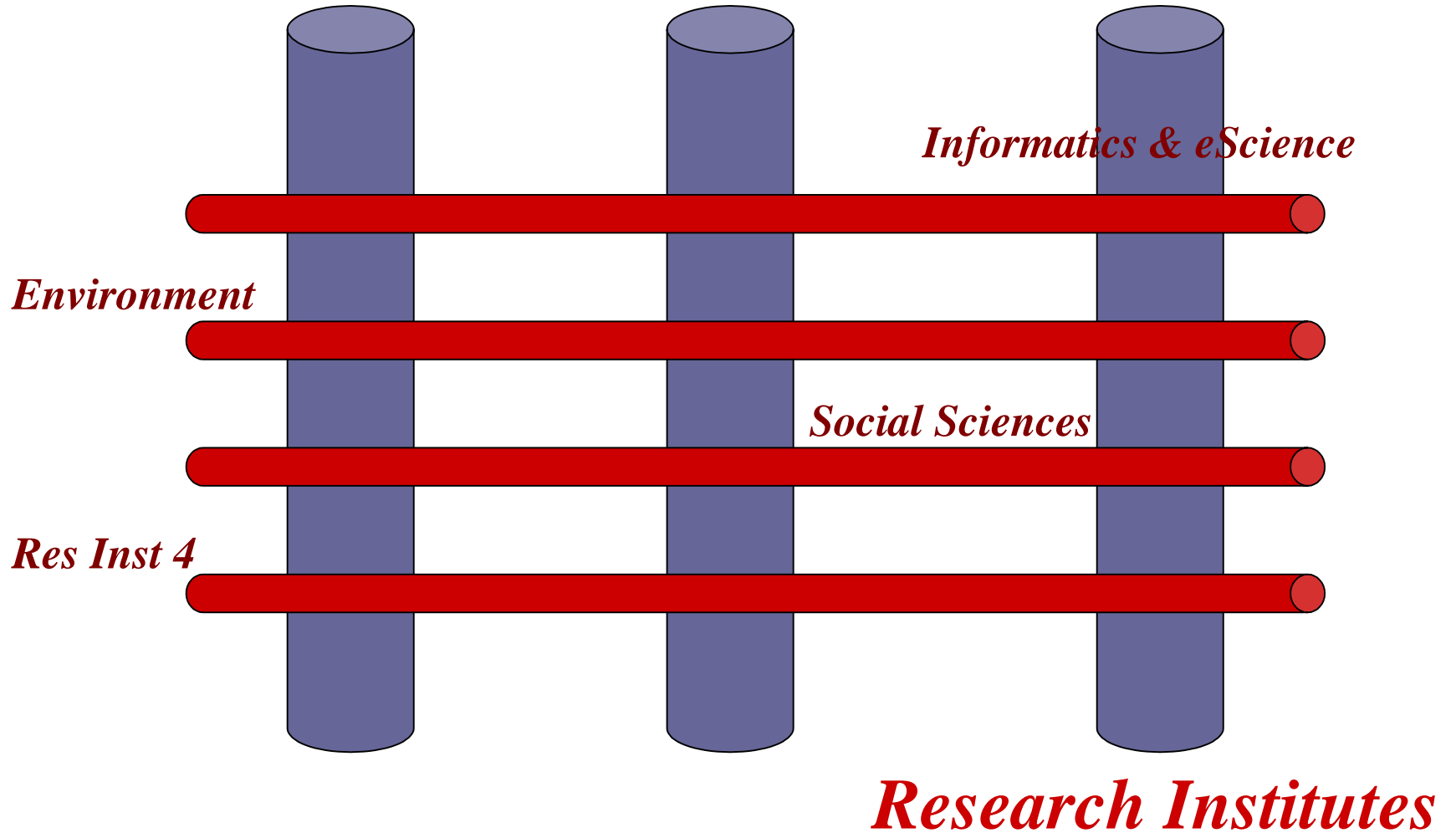
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"That's all Folks!"

Restructuring & Rationalisation

Faculties



ICT & Informatics in the North East

