



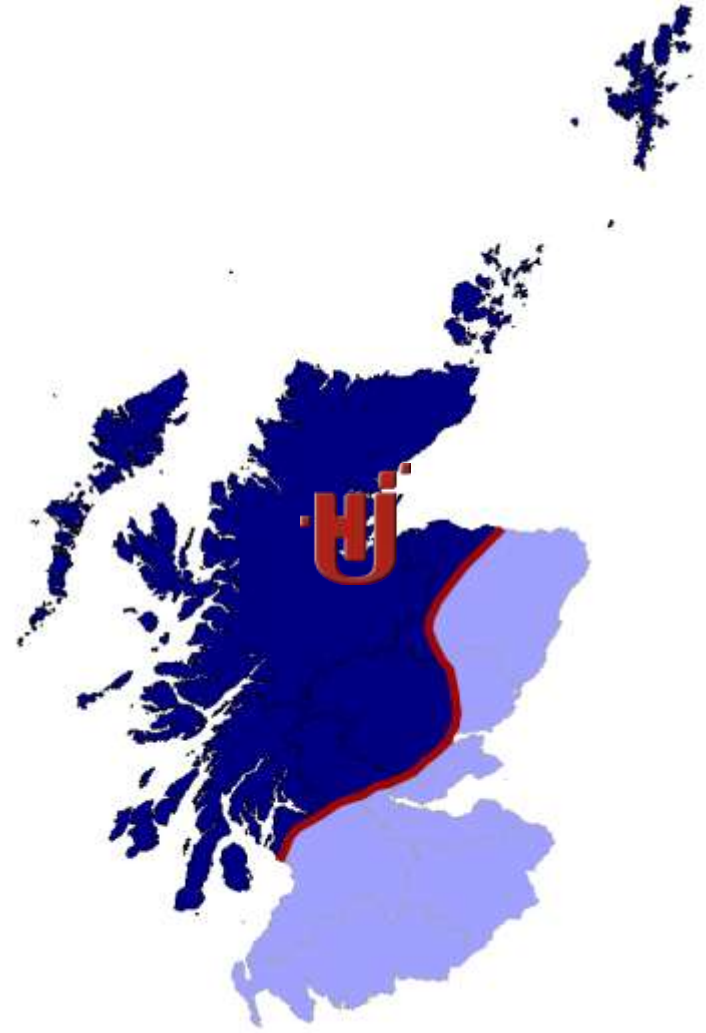
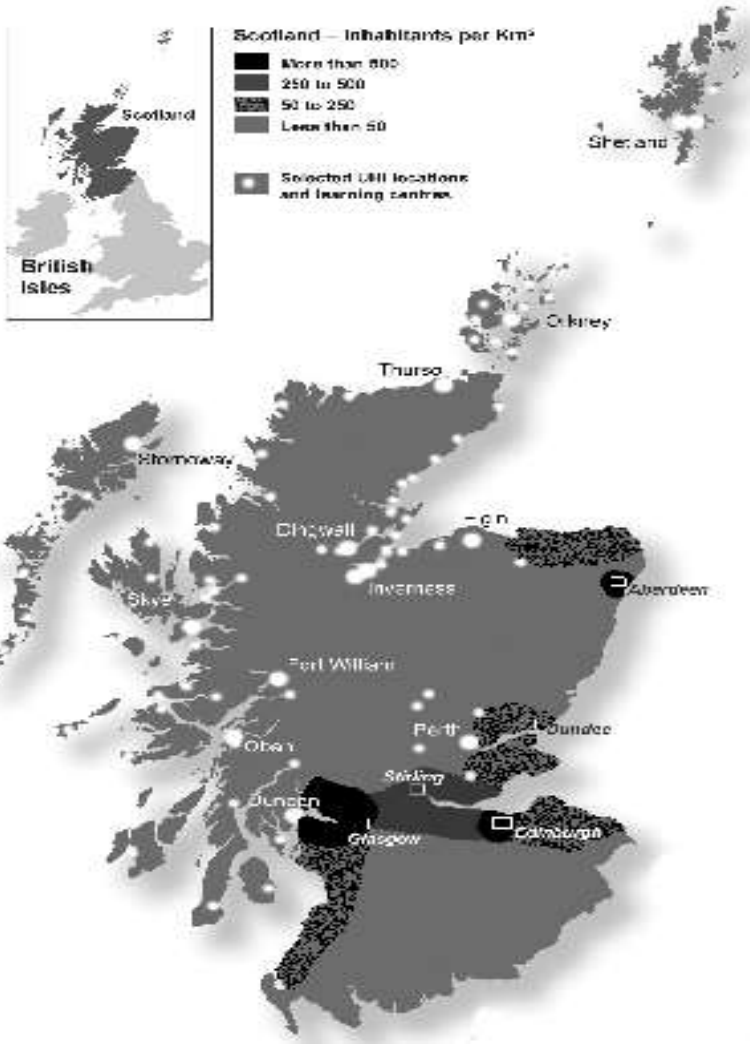
# ***Progress through innovation***

***- Creating business opportunities in the Highlands and Islands***

Dr Joe Irvine – UHI Head of Knowledge Transfer



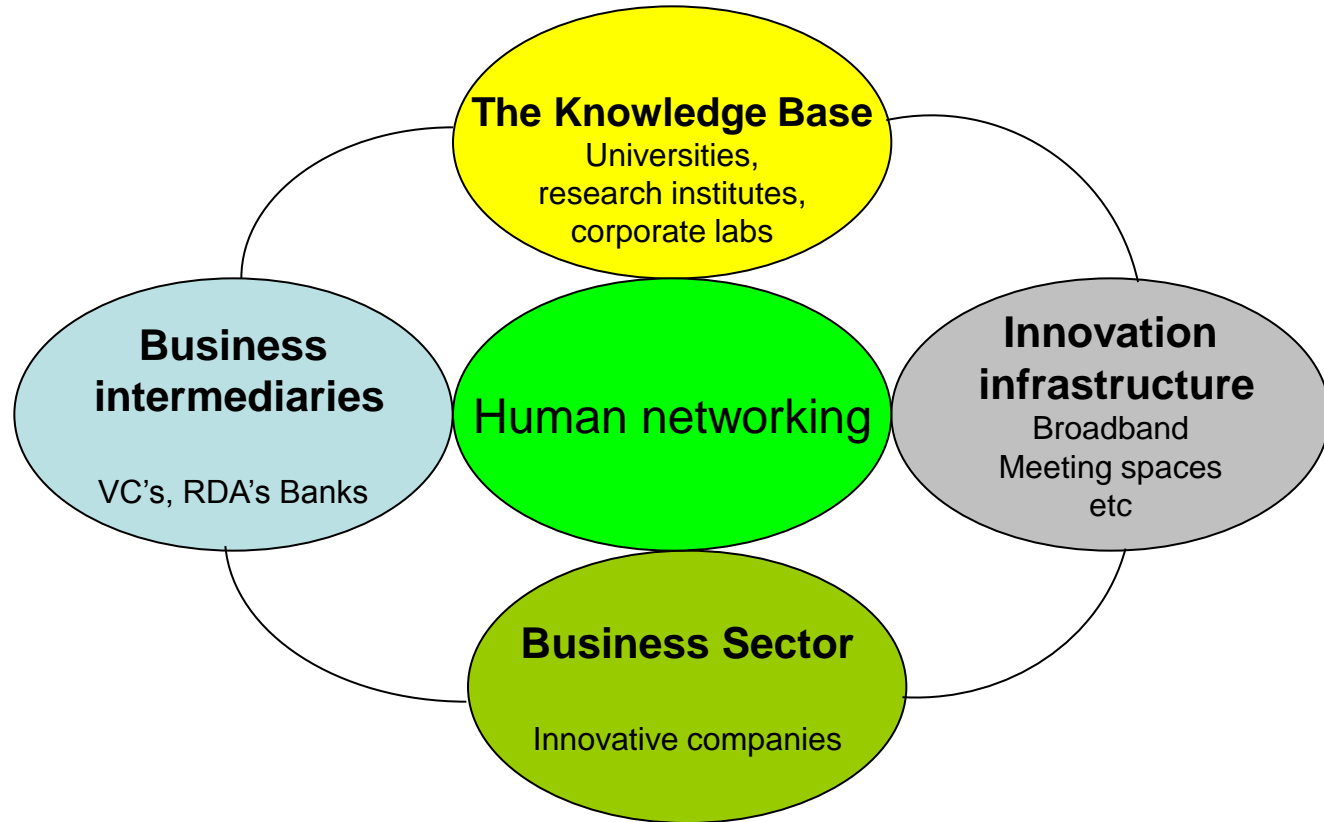
# The Highlands and Islands region







# Highlands and Islands Innovation System





# Barriers to Rural Innovation





# H&I Knowledge Exchange Strategy

- Business Focussed
- Demand Led
- Demand Stimulated
- Open Innovation
- Knowledge Capture
- Anchored Benefits





# FACILITATING KNOWLEDGE TRANSFER



Help overcome challenges when looking for university R&D expertise and capabilities

WHAT'S AVAILABLE?  
WHO TO CONTACT?

Introductions to academic experts with relevant expertise matched to business needs.

NEW or EXISTING BUSINESSES



UHI MILLENNIUM INSTITUTE

26 UNIVERSITIES & RESEARCH INSTITUTES

Focus on business needs. "market needs" / "business pull"

Sustained and supported collaborations between Academia and Industry



# Industrial Sectors

## Aquaculture



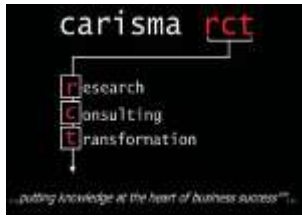
Attadale Trust



**Aquascot**



## Renewable Energy



Chiquay.com



## Food and Drink



JF Groundwater

## IT and Tourism



## Health







# Collaborative development projects

- Contract R&D



# HI Links Impacts

	<b>Actual</b>	<b>5 yr forecast</b> (Additional to actual)
<b>Increased sales in assisted businesses</b>	£281,000	£21.02m
<b>Gross new jobs</b>	8	245
<b>Jobs safe-guarded</b>	9	106
<b>GVA contribution *</b>	£1.80m	£6.24m
<b>£ generated/ £1 spend*</b>	£2.86	£9.90

\* EKOS evaluation report to HIE (2008)





# Summary

- Rural innovation
  - Different context to urban
- Additional barriers
- Central innovation policies
  - One size does not fit all
- Need for rural focused strategies

