# Climate Change: Evidence for Policy

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#### The Role of RESAS

- Supporting development and delivery (effective) policies
- Monitoring and evaluating outcomes
- Collecting, collating and analysing data
- Responding to emerging issues
- Establishing a sound evidence base for the future
- Stimulating (cross-sectoral) thinking and debate



#### How We Do It

- Secondary analysis and research
- Data collection and collation
- Advice
- Commissioning short-term and strategic research
- Knowledge brokerage and exchange



# **Support for Climate Change**

- Climate Change (Scotland) Act
- Mitigation
- Carbon assessment and management
- Climate change reporting

### **Support for Climate Change**

- Adaptation
- Climate change behaviours
- Low carbon economy
- Renewable energy

#### **How We Work**

With policy...

With evidence...

With MRPs and the HEI sector...



#### Translation of policy context into scientific questions

**Business** Stakeholders Academia **Scientists** Main in within Govt Research Scotland, **Policy** + Agencies **Providers** UK and & NDPBs overseas Stakeholders Sector

Research providing science for application in policy

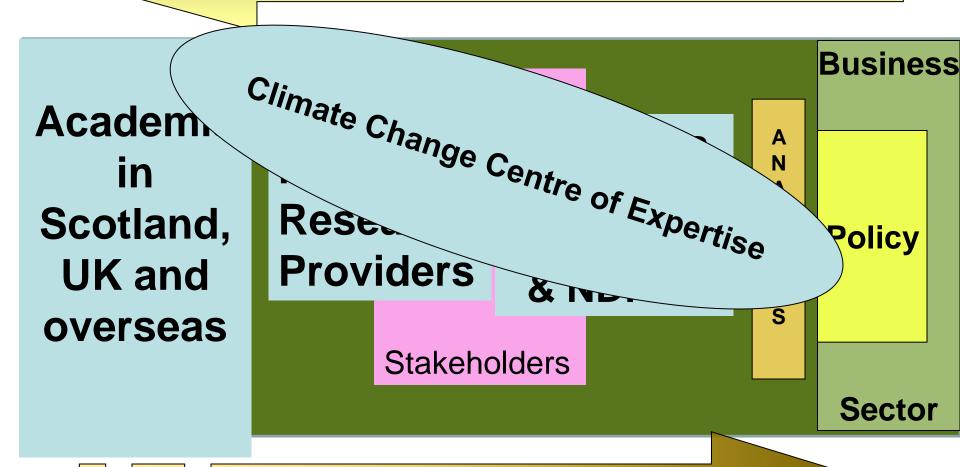


# Strategic Research Programme

- Ecosystem Services
- Water and Renewable Energy
- Land Use
- Economic Adaptation
- Food
- Health and Welfare
- Diet and Health
- Rural communities



Translation of policy context into scientific questions



Research providing science for application in policy



### **CC Centre of Expertise: Vision**

"To create a world renowned centre of expertise to deliver objective, independent, integrated and authoritative evidence to support the Scottish Government in relation to its activities on climate change mitigation, adaptation and transition to a low Carbon economy"



#### **Purpose**

- To deliver timely and accurate advice to the SG and implementation partners
- To develop the co-ordination of research, analysis and interpretation
- To stimulate innovative thinking
- To develop a programme of knowledge exchange



#### **Structure**

- Directorate
- Mitigation
- Adaptation
- Significance, Risk and Uncertainty



# **Evidence for Policy: Challenges**

- Understanding and translating needs
- Timescales
- Time horizons
- Simplifying complexity
- Politics (democracy!)

# **Enhancing Impact**

- Communication and collaboration
- Policy aware and policy focused
- Relevance and timeliness
- Managing uncertainty
- Holistic / Integrated
- Succinct and accessible outputs

