

SG Research Programmes 2011-2016

Programme Management and Knowledge Exchange

Work Packages

- Programme Management
- Knowledge Exchange

Environmental Change Programme - Local Response to Global Change)

Ecosystem Services Theme - Scotland's environmental assets, biodiversity and ecosystem services are identified and valued to inform decision making

Work Packages

- Assessment of Scotland's Ecosystem Services
- Assessing the value of Ecosystem Services
- Application of an Ecosystem Approach at a range of scales
- Knowledge Exchange

Water and Renewable Energy Theme - Strong and resilient sources and supply chains for water and energy

Work Packages

- Assessment of renewable energy & water provision, including current and projected supply and demand and the potential impacts of land use and climate change
- Improving the sustainability of supply chains for water and renewable energy
- Effectiveness of measures to manage water quality and control diffuse water pollution
- Methods for mitigating and adapting to flood risk
- Knowledge Exchange

Land Use Theme -Technologies and management tools to deliver greater benefits from rural land use and increased resilience to change

Work Packages

- Net Greenhouse Gas (GHG) response from Scottish soils and vegetation to a range of land use change options and climate change scenarios – improving the evidence base
- Rural land management and climate change
- The soil, water and air interface and its response to climate and land use change
- Resilience of Scotland's biodiversity to climate and land use change
- Optimising the delivery of multiple benefits from rural land use
- Understanding land managers attitudes and behaviours towards the management of environmental assets and responding to climate change
- Knowledge Exchange

Economic Adaptation Theme - A rural economy resilient to global and local change

Work Packages

- Adaptation to change in land-based and other rural industries
- Developing a low carbon rural economy
- Knowledge Exchange

Food, Land and People Programme (Optimising the potential of Scotland's natural assets)

Food Theme - Efficient and resilient supply chains for food

Work Packages

- Assessment of food security, efficiency and sustainability of the food supply chain in Scotland
- Crops and horticultural plants with improved performance in terms of resource use and outputs
- Livestock with improved performance in terms of health, welfare, resource use and outputs
- Knowledge Exchange

Health and Welfare Theme - Animal/Plant Health and Disease and Animal Welfare

Work Packages

- Measurement and monitoring to enhance livestock health
- Prevention and control of important endemic, zoonotic and new diseases of animals
- Improving animal welfare
- Prevention and control of important endemic and new diseases of plants
- Knowledge Exchange

Diet and Health Theme - Healthy safe diets

Work Packages

- The relationship between consumer choice, diet and health
- Enhancing health benefits from food through production and processing
- Knowledge Exchange

Rural Communities Theme - Vibrant rural communities

Work Packages

- The relationship between economic performance and social outcomes in rural communities
- Governance and decision making for community empowerment in rural communities
- Understanding the linkages and interdependencies between rural and urban areas
- Knowledge Exchange