

Technical Development services

What we do, for whom and how we can help you in your area

“Developing, evaluating and promoting safe and efficient methods of work, maintaining output information and providing advice on forest operations”





Unique selling point:
Putting Research into practice
using forestry experience and work study skills to
improve systems, outputs and costs



- **Time study** operations to provide unit outputs and costs - large scale machinery to small scale equipment and manual work





- **Method study** operations - analyse processes of work to solve problems and improve efficiency (quality, speed, ergonomics, resource use)



- **Evaluation** - understand the best types of equipment to deliver new outcomes





- **Development** - help to improve machinery, equipment and methods of working

- **Reports** - Project reports & project summaries (internal) and technical notes (published) - [available on FC Forest Research internet](#)
- **Demonstrations** - showing equipment and systems of work on a real site - in person (or 'video'!)



- **Workshops** - seminars with demonstrations on a theme and involving a range of specialist research disciplines

- **Advice** - keeping watching briefs on core subjects so as to give you expert, one-off and tailored advice - often at short notice!



- **Support** - any combination of the above helping you achieve your objectives in research projects, forestry management or technical promotion and decision support



- **FC England, Scotland and Wales** via FC GB Corporate & Forestry Support - annual sustainable forest management programme and contributions to other FC funded research programmes
 - **Forest Research** programme managers - specific tasks and programmes for research leads in support of their themes e.g. Bioenergy
- also*
- **FC Units** - one-off tasks to deliver specific locally funded results such as problem solving, demonstration and technology transfer
 - **Private, Commercial & Public Sector** - materials, equipment and method evaluation to assist the development and transfer of appropriate technology into the forest industry



- **Investigating** - the technical issues



- **Assessing** - the current systems and equipment



- **Designing** - more effective systems and equipment



- Problem solving - technical solutions
- Co-operating - in marketable research & development



- Advising - on technical choices



- Demonstrating - for technology transfer



- **Recommending** - technical ways forward



- **Publicising** - information for practitioners



- Forest management & harvesting systems - upland/lowland, large/small scale, plantation/continuous cover, broadleaved/conifer, intensive/extensive



- Forest management & harvesting operations - fencing, water management, ground prep, planting/regeneration, weeding, protection, cleaning, thinning, felling, haulage & utilisation



- **Bio-energy** - Short rotation forestry, short rotation coppice, brash and stump harvesting, chipping, heating systems, emerging technologies
- **Land Regeneration** - opencast sites, pit heaps/bings, landfills, ex industrial sites; site investigation, cultivation, ameliorants, planting



- Establishment & Maintenance

- Pesticides & Vegetation Management
- Ground Preparation
- Regeneration & Maintenance



- Integrated Forest Management

- Safety & Ergonomics
- Integrated Operations
- Direct Support
- Precision Forestry



- Environmental Management
 - Stand Management
 - Ground Management



- Harvesting & Transport
 - Harvesting & Utilisation
 - Infrastructure & Transport



- Land Regeneration - opencast sites, pit heaps/bings, landfills, ex industrial sites; site investigation, cultivation, ameliorants, planting



- Woodfuel
 - Data Collection
 - Systems Evaluation
 - Best Practice



- Land Regeneration
 - Machine systems
 - Implementation Advice
 - Technology Transfer / Demonstration sites

- Contracts





Location

- TD head^a
- TD in Scotland^a
- TD in England & Wales^d

or

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or

Project area

- Forest management Upland^a
- Forest management Lowland^t
- Harvesting Upland^a
- Harvesting Lowland^d
- Bio-energy^d
- Bio-energy & CCF^a
- Chemicals^a
- Land Regeneration^a

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Your move ...

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