



# **The role of FRS Freshwater Laboratory**



1. Purpose of today
2. Fisheries Research Services and the Freshwater Laboratory
3. Policy drivers
4. What we do
5. Annual planning cycle
6. Responding to change



## Purpose of this afternoon's programme

- Inform you about the current FRS Freshwater Laboratory programme and future research plans
- Answer your questions
- Hear your views

*A similar event will be held in Aberdeen to discuss other FRS programmes with stakeholders*



## The team

- **Iain Malcolm**
  - Freshwater Environment
- **Eric Verspoor**
  - Restoration and conservation
- **Alan Youngson**
  - Fishery resources
- **John Armstrong**
  - Freshwater ecology
- **Carey Cunningham**
  - Director of Science, FRS
- **Trevor Hastings**
  - Freshwater Laboratory



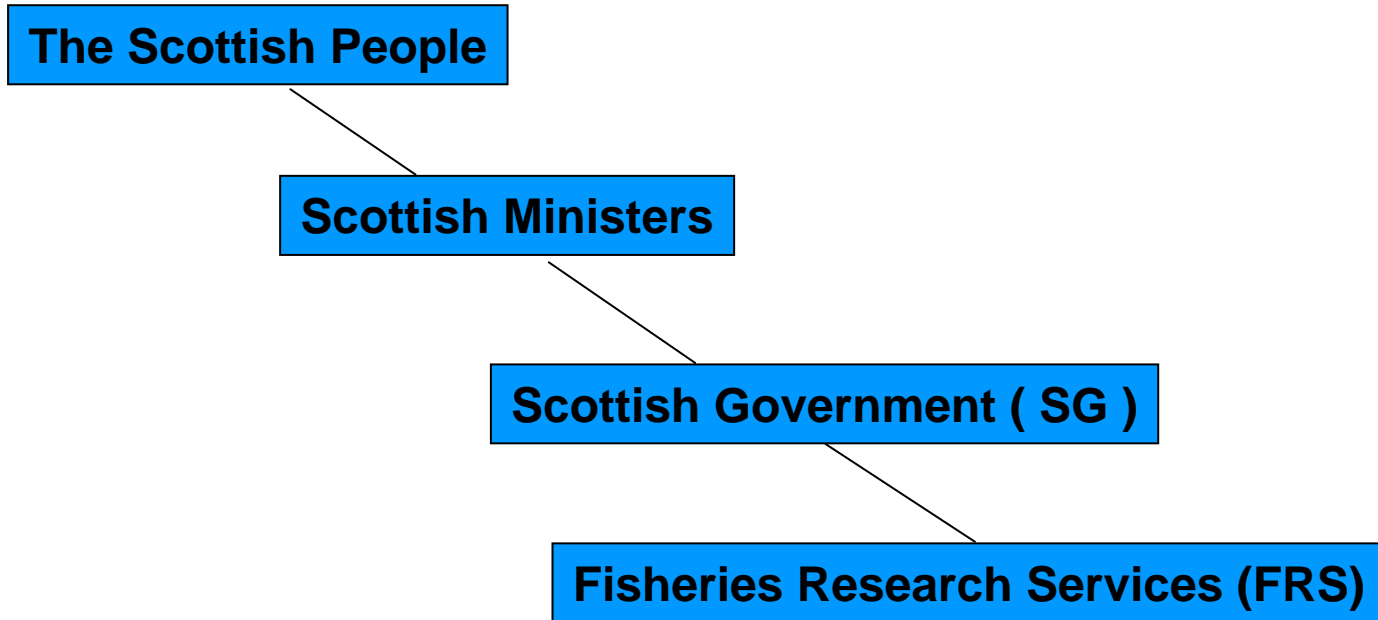
# Who do we work for ?

**The Scottish People**

**Scottish Ministers**

**Scottish Government ( SG )**

**Fisheries Research Services (FRS)**





Aim - support Scottish Government policy and regulatory instruments

Delivered through

- Strategic Plan
- Annual Operating Plan
  - Service Level Agreements (SLAs)
  - Research projects (ROAMEs)



# FRS has 4 scientific programmes

**Aquatic Environment**

**Fisheries Management**

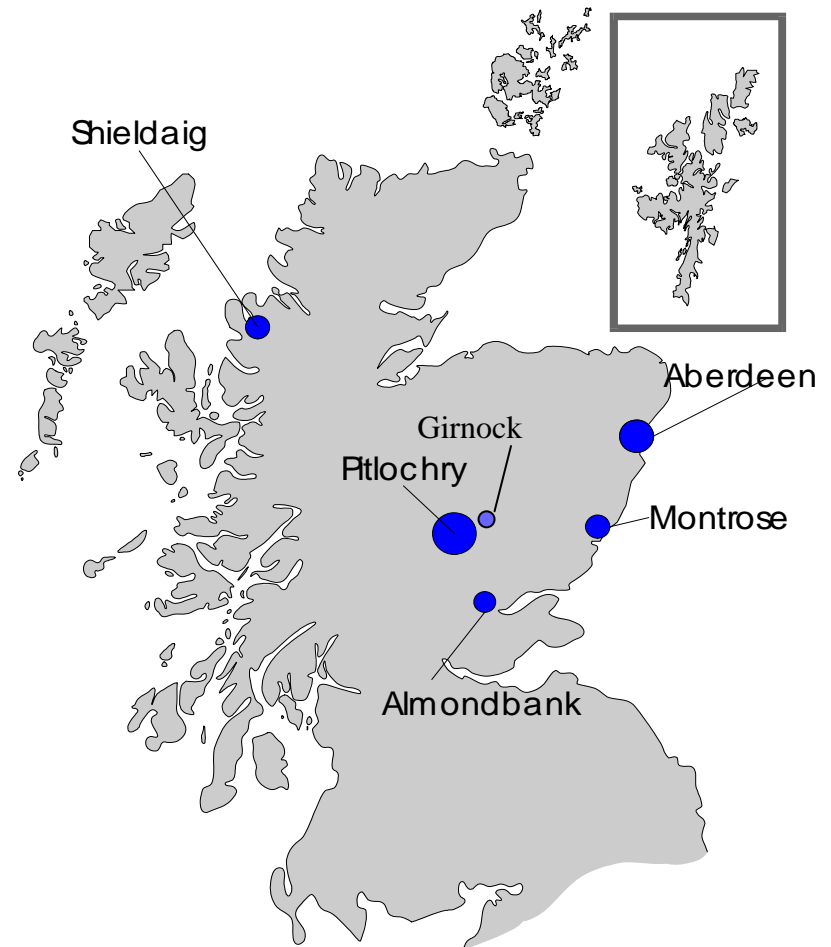
**Aquaculture and  
Aquatic Animal Health**

**Freshwater Fisheries**



# Freshwater Laboratory – *staff and facilities*

- 45 staff
- Labs and facilities
  - Faskally
  - Shieldaig
  - Montrose
  - Almondbank
  - Deeside





## Policy drivers

- EU, UK and Scottish legislation
- International treaty obligations
- Water Framework Directive
- Scottish Biodiversity Strategy
- Engagement with stakeholders
- Aquaculture and Fisheries (Scotland) Act 2007
- Strategic Framework for Scottish Freshwater Fisheries

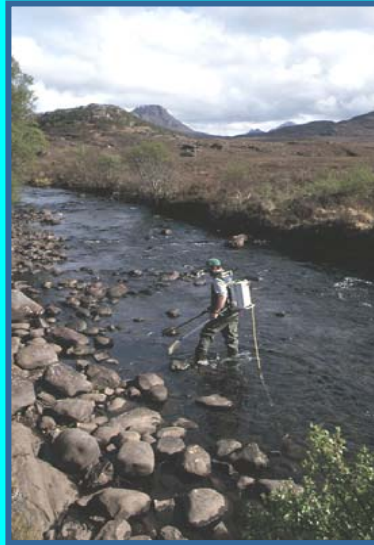


# What do we do?

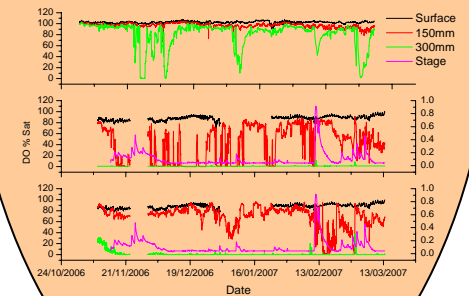
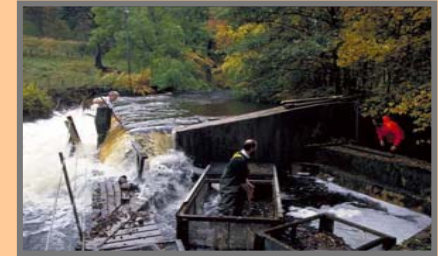
## Advice & representation



## Monitoring

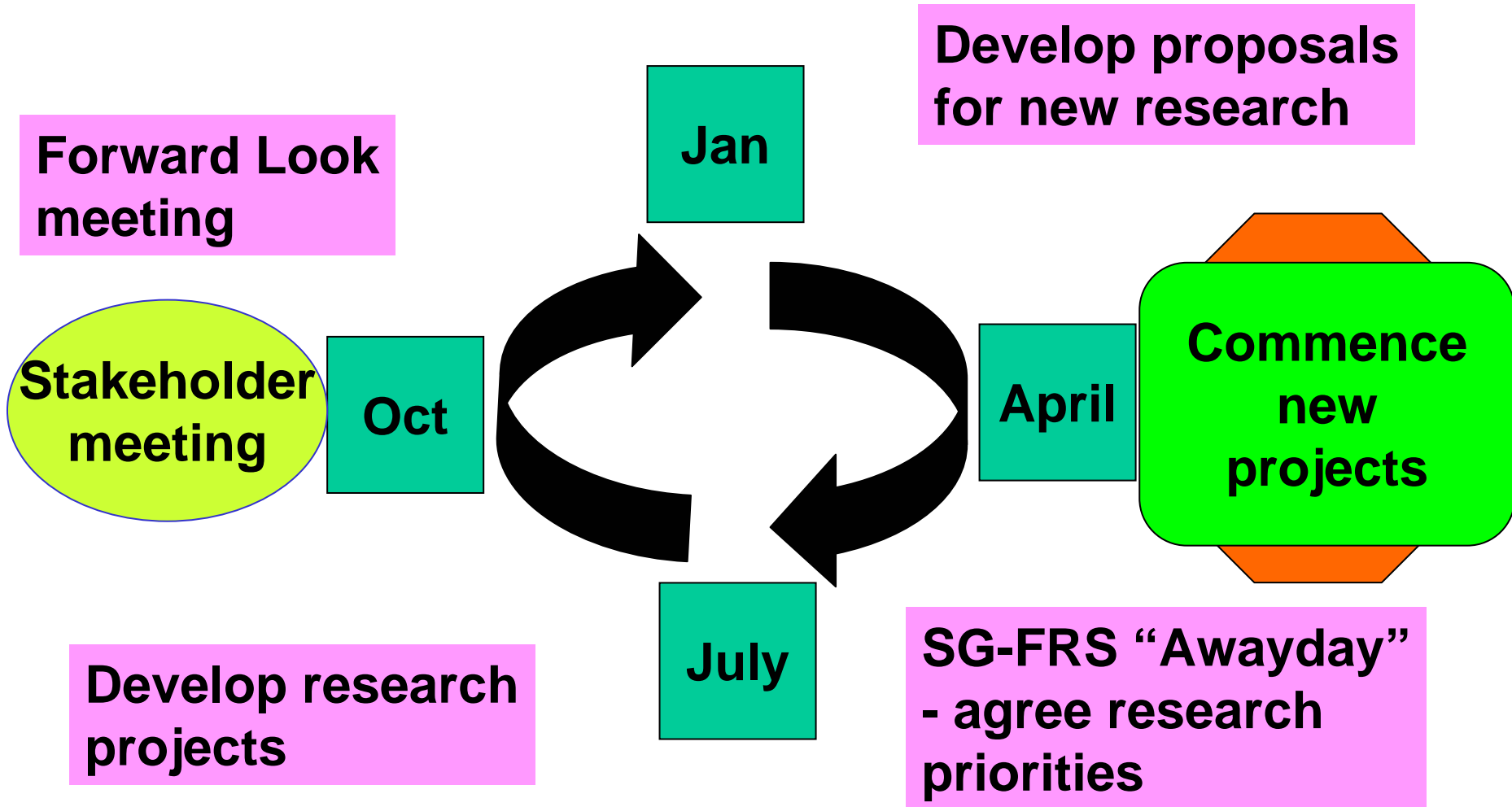


## Research





# Annual planning cycle





**Assessment and conservation of migratory and freshwater fish resources**



**Sustainable freshwater fisheries through protection of habitat**



**Impact and control of predators on migratory and freshwater fish**





## Collaboration and contracts

- UK, Europe and North America
- Government organisations
- Universities
- Scottish Fisheries Coordination Centre
- North Atlantic Salmon Conservation Organisation
- Atlantic Salmon Trust
- District Salmon Fisheries Boards
- Fisheries Trusts

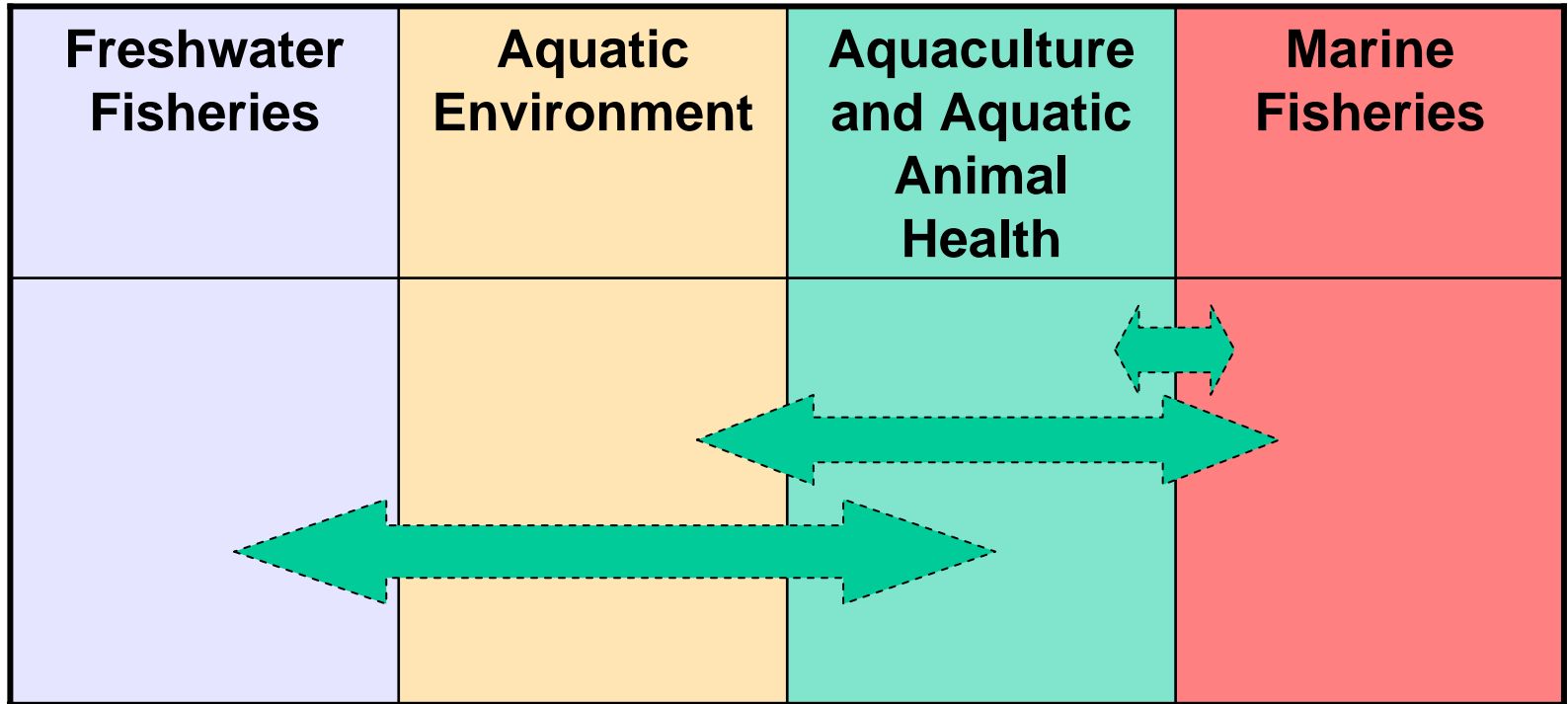


## Responding to change

- FRS science needs to link explicitly to Ministerial priorities
- Strong trend to ‘outcome orientated’ policy
- FRS internal organisation must be flexible and respond to change



# Responding to change



Cross-cutting research programmes  
e.g. climate change, biodiversity, sea lice



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Your views are  
important to us

**Thank you**

