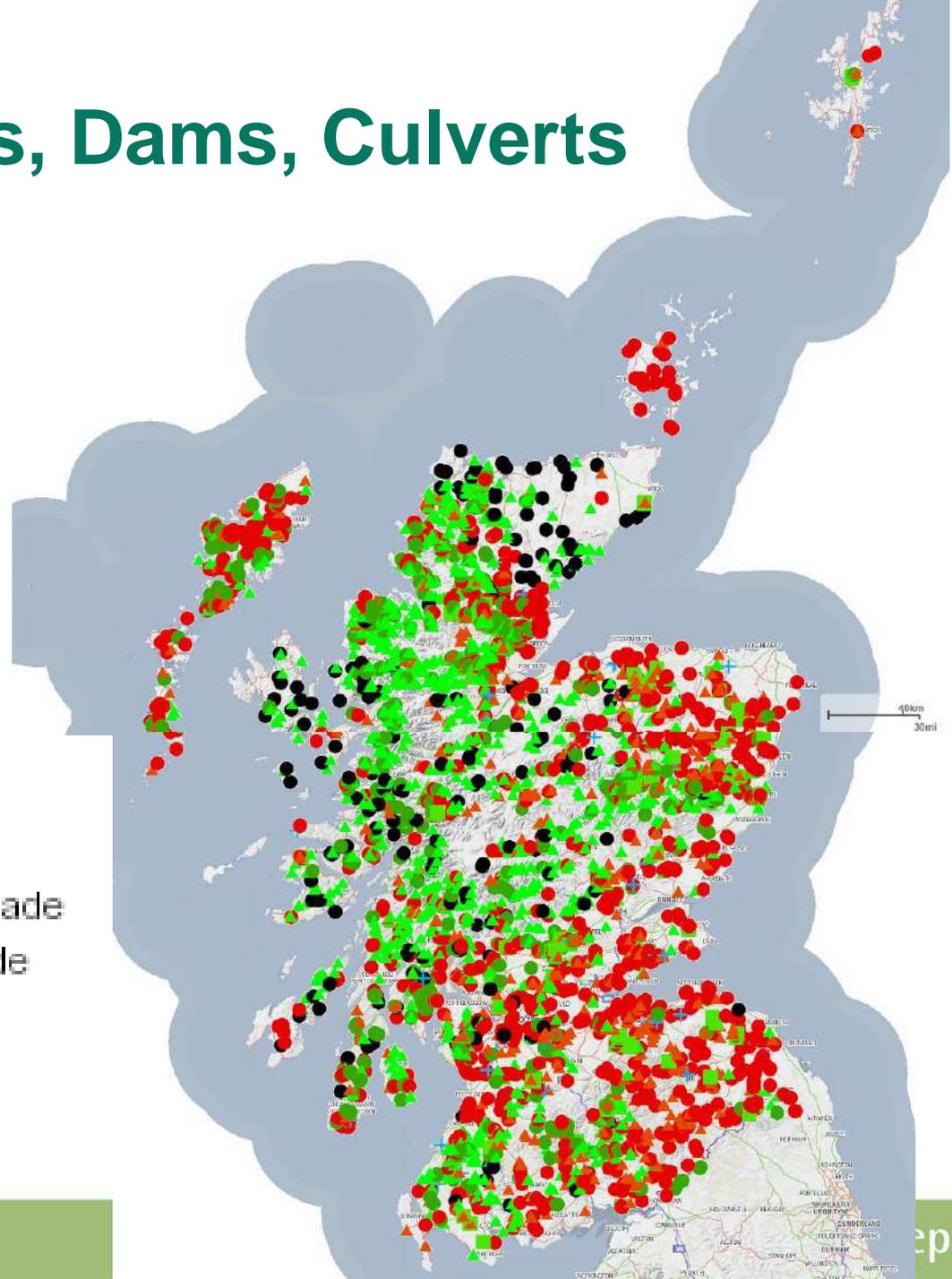


SEPA Water Environment Fund

Francis Hayes WEF

Weirs, Dams, Culverts



- ▲ Impassable barrier, natural
- Passable barrier; natural
- ▲ Impassable barrier, man-made
- Passable barrier; man-made
- Natural limit to migration
- Barrier of unknown type
- + Barrier removed

...it's a long road



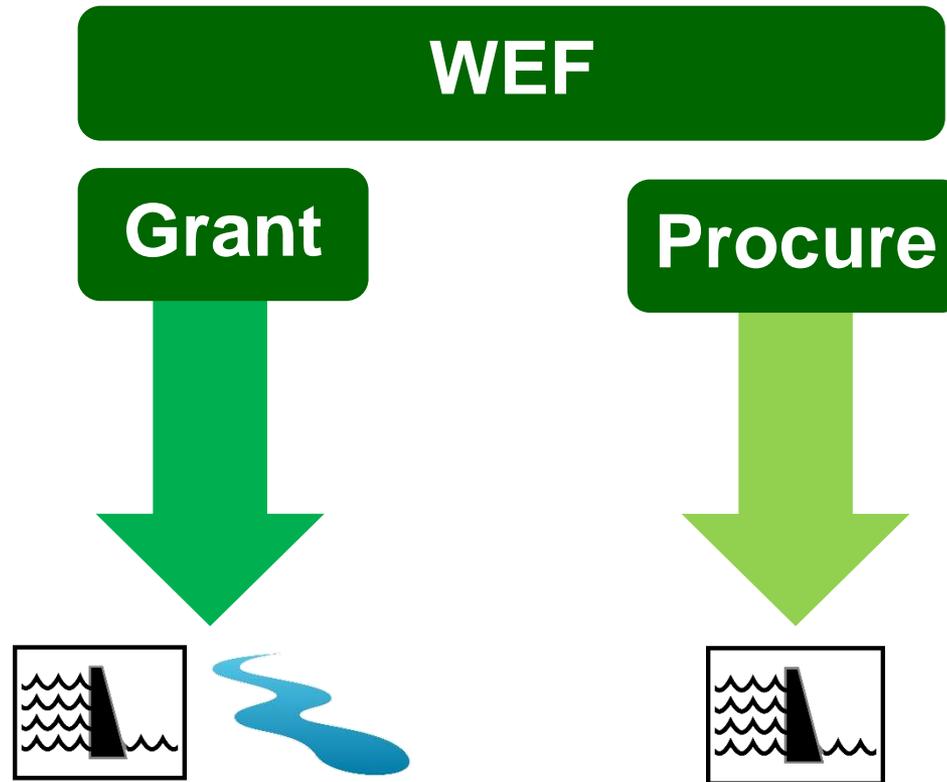
Water Environment Fund?



Scottish Government Funds Administered by SEPA

- Fish passage at **redundant** dams
- Urban **river restoration**
- **Max community benefits** (health, economic, flooding)

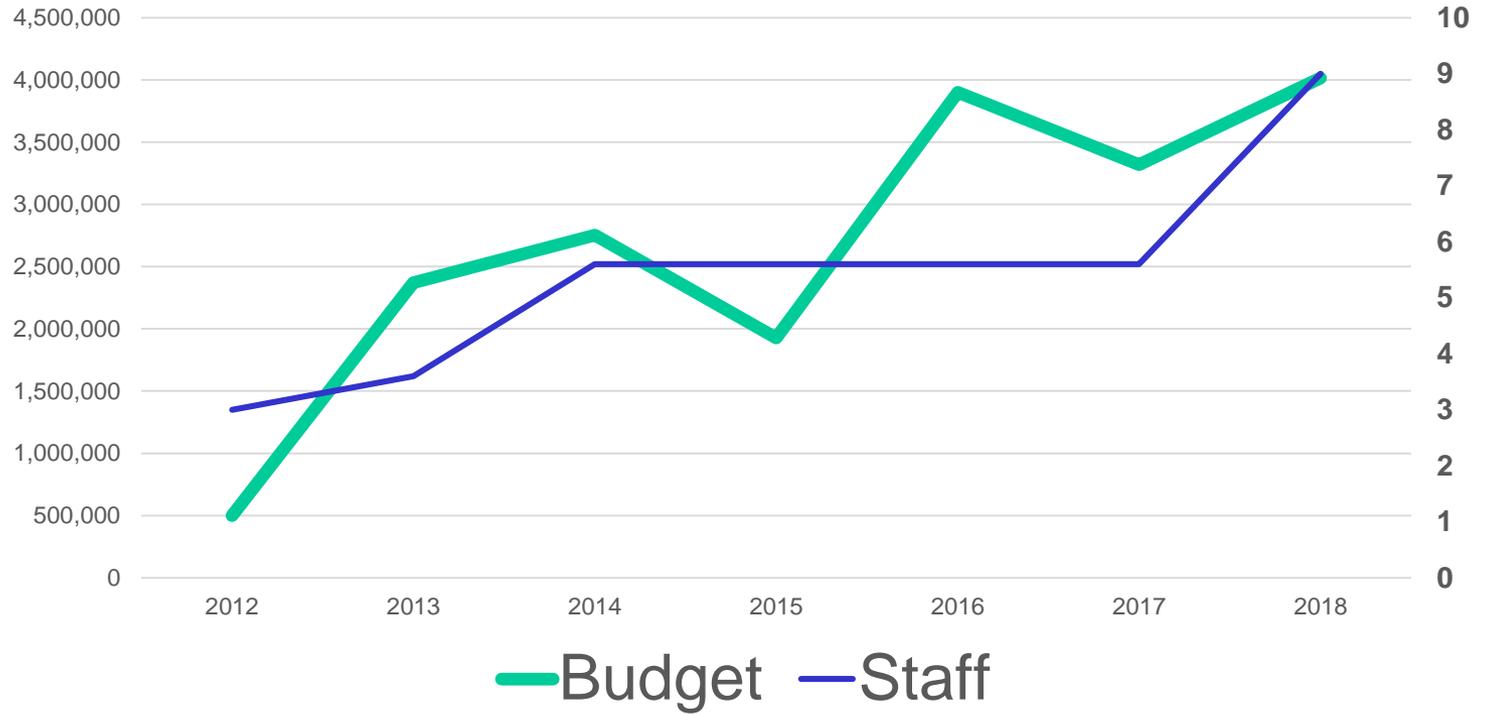
Water Environment Fund



The Scottish Challenge: “Snapshot”

Barriers to Fish	Early phase	Ongoing	Completed	Total
Active	53	53	10	116
Asset	16	48	4	68
Historic	1	105	14	120
All weirs & dams				~4,000

Resource







Supporting Information...

- Flood impact assessment
- Utility searches (cables/pipes)
- Dam condition survey
- Ecology surveys
- Options compared and costed
- Heritage assessment
- Ownership studies and engagement
- Communities engaged
- Modern visualisations
- Designs amended where possible
- Groundworks restrictions







Merci...