

**Overview**

This standard is about producing fisheries management plans. It covers analysing management information to determine management and development objectives for a fishery. The management plans will include habitat maintenance, habitat improvement, monitoring and data collection, fish stock management and the control of exploitation. It also includes gaining feedback and agreement on the plan from all those involved.

This standard requires the ability to assess the size and structure of fish stocks, the distribution of fish stocks, the ability of the habitat to support fish stocks and interactions with other wildlife.

The relevant legislation controlling the application of this standard will vary depending on the location in England, Wales, Northern Ireland or Scotland.

## Performance criteria

*You must be able to:*

1. analyse management information to assess the fisheries characteristics and derive management recommendations in order to produce fisheries management plans
2. clarify the factors that may affect the long-term potential of a fishery
3. produce fisheries management plans to fulfil the potential of the fishery and to comply with relevant legal requirements
4. obtain feedback from those involved in the fishery as part of the overall development of fisheries management plans
5. determine the resource requirements necessary to support the successful implementation of fisheries management plans
6. establish a range of interventions that may be used to ensure that the objectives of fisheries management plans are achieved
7. communicate the requirements of fisheries management plans to all those involved in its implementation

## Produce fisheries management plans

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### Knowledge and understanding

*You need to know and understand:*

1. how to produce fisheries management plans and the information to include
2. how to determine the resource requirements necessary to support the successful implementation of fisheries management plans
3. the relevant legal requirements relating to the management of fisheries
4. the life history of the fish stock present in the fishery
5. the integration between fish stocks and their habitat
6. the environmental requirements of the fish present in the fishery
7. the actions that can be taken to maintain and improve the fisheries habitat
8. how to collect and assess management information in order to determine the characteristics of a fishery
9. the methods used to monitor fish populations
10. common fish diseases and possible causes of infection
11. notifiable fish disease and the importance of reporting to the appropriate authority
12. how to sustain the potential of fisheries
13. the methods used in determining fish population structure
14. the factors that can affect a fishery and how to limit their impact
15. fish capture methods and their application in the removal of fish from fisheries
16. the relevant legal requirements influencing fisheries management activities
17. who the stakeholders are and their involvement with the fishery
18. the role of fisheries in the management of water environments
19. fish stock security and how non-native species can have a detrimental effect on the ecology of the native fishery
20. what is a sustainable fish stock and what can cause exploitation
21. the relevant health and safety, environmental, bio-security and legal requirements relating to fisheries management

## Glossary

### Factors:

1. habitat deterioration
2. predator/prey interactions
3. nutritional shortfalls
4. disease
5. land usage
6. human influences

### Fisheries management plans covering:

1. habitat maintenance
2. habitat improvement
3. monitoring and data collection
4. sustainable fish stock management
5. control of sustainable exploitation
6. control of stock security
7. bio-security

### Management information including:

1. habitat surveys
2. fishing records
3. resource usage
4. published data and research

### Stakeholders:

Any person, organisation or individual with an interest in the fishery

### Water environments:

1. Lochs
2. Rivers
3. Estuaries
4. Coastal waters

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