



Ralph Edwards

Age 65

Marine Evidence Manager (JNCC) within the Marine Conservation team. Ralph has been a marine evidence manager for over 10 years, and has led projects in Scotland.

Location: **Edinburgh, UK**

Job title: **Marine Evidence Manager (JNCC)**

Category: **Administrator**

Suggested tech competence



Main device(s)

Desktop PC

Core needs

- Ability to add, review and update evidence in the database that feeds the FeAST application
- Audit changes to the database
- Clearly sign-post changes to end-users

Where will they use this application?

unclear

What do they generally need the app for?

To supply end users with high quality information linking activities, pressures and sensitivity assessments for features in Scottish waters.

What information will they need?

- Login information to allow admin access to the data in the tool.
- Audit information on changes that have occurred in the data – who, what, when and why information.
- User feedback info e.g. if an issue has been flagged by a user for a particular sensitivity assessment so we can investigate the accuracy of the data displayed.

What will they use this information for?

- To update the tool with new evidence as it becomes available.
- Audit changes so that we can track what information was available at a given time point (important when this is used for producing statutory advice)



Cameron Williamson

Age 35

Engineer, entrepreneur and professional in the aquaculture industry. Developing a business plan to introduce offshore wind farms for electricity generation in the North Sea off Scotland.

Location: **Birmingham, UK**

Job title: **Aquaculture industry (NS filled in)**

Category: **Developer**

Suggested tech competence

Internet	●●●●●
Messaging	●●●●●
Office	●●●●●
Social	●●●●●

Main device(s)

- Tablet
- Laptop
- Mobile

Core needs

- To assess sensitivities of marine features at particular sites/ proposed developments as part of the EIA process
- To understand the pressures associated with aquaculture.

Where will they use this application?

Usually early on, e.g. at the site selection and screening stage. FeAST ideally used mainly before any formal regulatory applications, although may not always be the case. May chose farm locations based on industry needs first then focus on potential environmental issues. Possible Laptop or Tablet usage depending on location.

What do they generally need the app for?

- Ability to understand which pressures are associated with their activities and how they interact/ impact on particular features.
- Overview or sense check to ensure all relevant pressures and features have been identified and assessed early in the development management process.
- Previous surveys indicated this industry thought FeAST was of limited use in the EIA process, however this seems a bit odd as assessing impacts on environment and marine features (and therefore understanding sensitivity) is the whole point of EIA!
- Industry thought more useful at the early screening/scoping stage or when reviewing benthic visual surveys as part of their EIA, once features have been identified.
- It is usually used in conjunction with the MarLin tool

What information will they need?

Activities their associated pressures and feature sensitivity assessment information. Tend to search by activity and feature.

What will they use this information for?

For advice/ input to site selections. Consultants also use FeAST as a reference when presenting their findings.



Dianne Russell

Age 48

Diane is 48 years old and a Offshore Industry Advisor. Diane has been working in the offshore industry for 18 years and has been an advisor for 4 years.

Location: **York, UK**

Job title: **Offshore Industry Advisor**

Category: **Gov Agency**

Suggested tech competence

Internet	●●●●●
Messaging	●●●●●
Office	●●●●●
Social	●●●●●

Main device(s)

Desktop PC
Laptop

Core needs

Access to information on activities, their associated pressures and the sensitivity of features to these pressures in Scottish waters

Where will they use this application?

- Internally in the office on a desktop PC when reviewing applications and providing advice
- Refer external parties to the tool

What do they generally need the app for?

- To inform their understanding of the potential impacts of various activities on features in Scottish waters
- When advising developers on potential applications in Scottish waters they will refer developers to the tool.
- When reviewing developer applications/assessments to check their results
- When providing statutory nature conservation advice

What information will they need?

Activities their associated pressures and feature sensitivity assessment information.

What will they use this information for?

- To check/confirm developer application information when assessing the impacts of their activities on features in Scottish waters.
- This will then be used to provide feedback to the developer.
- Also used in providing statutory advice to regulators on potential developments.



Esther Howard

Age 32

Esther Howard is currently a research fellow for the University of Glasgow. Living in Oban, Scotland researching the effects of marine plastics on the environment.

Location: **Oban, Scotland**

Job title: **Research Fellow**

Category: **Academic**

Suggested tech competence

Internet	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Messaging	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Office	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Social	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Main device(s)

Tablet
Laptop

Core needs

- The ability to filter by feature, pressure or activity.
- To easily understand the tool and be able to extract information quickly and reliably.
- To have confidence in the tool and any output.
- Access supporting information/references and know date any given section was last updated.

Where will they use this application?

On a desktop PC/laptop in an office setting and during fieldwork e.g. on a ship or beach

What do they generally need the app for?

As an investigative tool when researching an observation or forming an hypothesis

What information will they need?

- All information on a specific feature, pressure or activity
- Information on the relationships between features, pressures and activities
- Supporting references/sources

What will they use this information for?

To research a given topic (pressure, feature or activity) to explain an observation or phenomena. To support a hypothesis when formulating a research question, grant application or student project



Guy Hawkins

Age 32

National NatureScotland marine advisor, responsible for distributing information to help maintain Scotland's marine environment protecting Scotland's marine environment.

Location: **Edinburgh, UK**

Job title: **NatureScot marine adviser**

Category: **Gov Agency**

Suggested tech competence

Internet	●●●●●
Messaging	●●●●●
Office	●●●●●
Social	●●●●●

Main device(s)

Mobile
Laptop

Core needs

- To advise others (regulators, developers, NGOs) on sensitivities of marine features to various pressures at particular sites/ proposed developments
- Provides evidence base to help justify advice

Where will they use this application?

- Internally when reviewing applications and providing advice to colleagues (e.g. on EIA and HRA/MPA assessments)
- Externally with developers/researchers/consultants/regulators in discussions over activities/use/development within the marine environment (e.g. on EIA and HRA/MPA assessments)
- Advice/input into local marine plans
- Referring external parties to the tool

What do they generally need the app for?

- Provides consistent evidence base for advice, which is also available/transparent to others.
- Highlights the pressures arising from activities/developments to consider in advice.

What information will they need?

Succinct information, easy to access and interpret. Caveats associated with the outputs. Understanding of the pressures and benchmarks Reference list to follow up.

What will they use this information for?

- In an advisory role (to a variety of different externals and internals)
- To review applications and provide advice (on impacts/ mitigation/assessments within designations)
- Input into more strategic requests for advice – eg local marine plans, Scottish Marine Assessment work, wider Conservation Strategies etc. trends and pressures in industry.