



1. Requirement overview:

Requirements	Understand the impact of vehicle movements on land, linked to marine projects
Requirement detail	<p>Marine activities can have landward impacts but statutory advisors do not always have the information to advise marine regulators on these impacts.</p> <p>The MMO would like to identify where and how landward vehicle/vessel movements are impacting on the marine environments. This should particularly explore the sensitivities of local communities and tourism to landward vehicle/vessel movements. It should also examine how these impacts can be assessed, allowing effective and appropriate consideration of these impacts within the licensing framework.</p>
MMO use	<p><b>Marine licensing:</b></p> <ul style="list-style-type: none"><li>To help to consider the full impact of vehicle movements for projects on land, linked to the marine area when determining licence application.</li></ul>
External interest	Natural England, Environment Agency, JNCC, Cefas
Delivery target	2017, Q4

## 2. Aims and objectives

Aim:

Understand better the full impact of projects, including beyond the marine area.

Objectives:

- identify landward vehicle movements
- identify associated impacts
- assess the sensitivity of areas to these impacts
- identify types of mitigation measures to address the potential impacts

## 3. Existing evidence

MMO	The MMO has not carried out any work in this area.
Academic	Whilst there is a lot of work looking at particular aspects of transport or particular modes, it is challenging to find anything specific to this requirement, though <a href="#">Mostert et al (2017)</a> look at the externalities associated with shifts between different modes of transport.
Other	The Department for Transport provide <a href="#">guidance</a> on the role of transport analysis, which will be of relevance for this requirement.

## 4. Current activity

The MMO is not involved in any activity currently.

## 5. Associated evidence requirements

This evidence requirement is not associated with any other MMO evidence requirements. More information on the full list of evidence requirements is available [here](#)

## 6. Potential delivery route

The MMO will look to partner with organisations of relevance to widen the potential impact of any work undertaken in this area. Similarly, where appropriate, the MMO will explore opportunities to influence the research of others to gather evidence that can be applied within a marine management context. As work progresses it is implicit that knowledge exchange is required throughout the duration of this requirement and not limited to when delivery is complete.

### Commissioning

**Delivery window: Q1, 2017 to Q1, 2018**

Commissioning should be considered the most direct opportunity to deliver evidence on this topic, funding permitting.

See table 1 for timescales.

## **7. Contact**

For more information or to add further research to the existing evidence list please email [evidence@marinemanagement.org.uk](mailto:evidence@marinemanagement.org.uk)

**Table 1: Delivery timescales 2017 to 2020**

Delivery Route	2017				2018				2019				2020			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Commissioning																
Knowledge exchange																