

# Site Improvement Plan

## Newlyn Downs

Site Improvement Plans (SIPs) have been developed for each Natura 2000 site in England as part of the Improvement Programme for England's Natura 2000 sites (IPENS). Natura 2000 sites is the combined term for sites designated as Special Areas of Conservation (SAC) and Special Protected Areas (SPA). This work has been financially supported by LIFE, a financial instrument of the European Community.

The plan provides a high level overview of the issues (both current and predicted) affecting the condition of the Natura 2000 features on the site(s) and outlines the priority measures required to improve the condition of the features. It does not cover issues where remedial actions are already in place or ongoing management activities which are required for maintenance.

The SIP consists of three parts: a Summary table, which sets out the priority Issues and Measures; a detailed Actions table, which sets out who needs to do what, when and how much it is estimated to cost; and a set of tables containing contextual information and links.

Once this current programme ends, it is anticipated that Natural England and others, working with landowners and managers, will all play a role in delivering the priority measures to improve the condition of the features on these sites.

The SIPs are based on Natural England's current evidence and knowledge. The SIPs are not legal documents, they are live documents that will be updated to reflect changes in our evidence/knowledge and as actions get underway. The information in the SIPs will be used to update England's contribution to the UK's Prioritised Action Framework (PAF).

The SIPs are not formal consultation documents, but if you have any comments about the SIP or would like more information please email us at [IPENSLIFEProject@naturalengland.org.uk](mailto:IPENSLIFEProject@naturalengland.org.uk), or contact Natural England's Responsible Officer for the site via our enquiry service 0300 060 3900, or [enquiries@naturalengland.org.uk](mailto:enquiries@naturalengland.org.uk)

**This Site Improvement Plan covers the following Natura 2000 site(s)**

**UK0030065    Newlyn Downs SAC**

## Site description

Newlyn Downs SAC, located close to the A30 between Newquay and Truro, supports the largest area of Temperate Atlantic wet heath with Dorset heath and Cross-leaved heath in Cornwall. The main part of the site occupies the valley bottom and slopes of the headwaters of the River Gannel and there are extensive areas of mine spoil from past lead and silver mining.

## Plan Summary

*This table shows the prioritised issues for the site(s), the features they affect, the proposed measures to address the issues and the delivery bodies whose involvement is required to deliver the measures. The list of delivery bodies will include those who have agreed to the actions as well as those where discussions over their role in delivering the actions is on-going.*

Priority & Issue	Pressure or Threat	Feature(s) affected	Measure	Delivery Bodies
1 Invasive species	Pressure	H4030 European dry heaths	Control buddleja on and off site	Natural England
2 Air Pollution: risk of atmospheric nitrogen deposition	Pressure	H4020 Wet heathland with Dorset heath and cross-leaved heath, H4030 European dry heaths	Control, reduce and ameliorate atmospheric nitrogen impacts	Natural England
3 Public Access/Disturbance	Pressure	H4020 Wet heathland with Dorset heath and cross-leaved heath, H4030 European dry heaths	Investigation/monitoring to assess potential environmental impact of dog fouling	Natural England

## Issues and Actions

This table outlines the prioritised issues that are currently impacting or threatening the condition of the features, and the outstanding actions required to address them. It also shows, where possible, the estimated cost of the action and the delivery bodies whose involvement will be required to implement the action. Lead delivery bodies will be responsible for coordinating the implementation of the action, but not necessarily funding it. Delivery partners will need to support the lead delivery body in implementing the action. In the process of developing the SIPs Natural England has approached the delivery bodies to seek agreement on the actions and their roles in delivering them, although in some cases these discussions have not yet been concluded. Other interested parties, including landowners and managers, will be involved as the detailed actions are agreed and delivered. Funding options are indicated as potential (but not necessarily agreed or secured) sources to fund the actions.

### 1 Invasive species

Buddleja is seeding into the site, particularly at the northern end of the site where there is a large infestation of buddleja on an adjacent landfill site. Japanese knotweed is also present in small amounts but is being treated.

Action	Action description	Cost estimate	Timescale	Mechanism	Funding option	Delivery lead body	Delivery partner(s)
1A	Control Buddleja on and off-site	£10,000	2014-18	Rural Development Programme for England (RDPE): Common Agricultural Policy 2014-20 (New Environmental Land Management Scheme)	Higher Level Stewardship (HLS), Conservation Enhancement Scheme (CES), New Environmental Land Management Scheme (NELMS)	Natural England	n/a

### 2 Air Pollution: risk of atmospheric nitrogen deposition

Nitrogen deposition exceeds site relevant critical loads above which the quality and character of heathland and wetland vegetation begins to be altered and adversely impacted. The main source of aerial nitrogen deposition is the main A30 trunk road which is approx 125 metres from the southern boundary of the SAC.

Action	Action description	Cost estimate	Timescale	Mechanism	Funding option	Delivery lead body	Delivery partner(s)
2A	Control, reduce and ameliorate atmospheric nitrogen impacts	Not yet determined	2014-20	Site Nitrogen Action Plan	Not yet determined	Natural England	n/a

### 3 Public Access/Disturbance

The site is well used by dog walkers and there is evidence of dog fouling (which can cause localised nutrient enrichment and adverse impacts on heath vegetation). This issue needs further investigation to determine the degree of any impact.

<i>Action</i>	<i>Action description</i>	<i>Cost estimate</i>	<i>Timescale</i>	<i>Mechanism</i>	<i>Funding option</i>	<i>Delivery lead body</i>	<i>Delivery partner(s)</i>
<b>3A</b>	Investigation/monitoring to determine if dog fouling is an issue	Not yet determined	2014-18	Investigation / Research / Monitoring	Not yet determined	Natural England	n/a

## Site details

The tables in this section contain site-relevant contextual information and links

### Qualifying features

#UK Special responsibility

<b>Newlyn Downs SAC</b>	H4020# Temperate Atlantic wet heaths with <i>Erica ciliaris</i> and <i>Erica tetralix</i>
	H4030 European dry heaths

### Site location and links

#### **Newlyn Downs SAC**

Area (ha)	<b>115.71</b>	Grid reference	<b>SW835544</b>	<a href="#">Map link</a>
Local Authorities				Cornwall
Site Conservation Objectives				<a href="#">European Site Conservation Objectives for Newlyn Downs SAC</a>
European Marine Site conservation advice				<a href="#">n/a</a>
Regulation 33/35 Package				<a href="#">n/a</a>
Marine Management Organisation site plan				<a href="#">n/a</a>

## Water Framework Directive (WFD)

*The Water Framework Directive (WFD) provides the main framework for managing the water environment throughout Europe. Under the WFD a management plan must be developed for each river basin district. The River Basin Management Plans (RBMP) include a summary of the measures needed for water dependent Natura 2000 sites to meet their conservation objectives. For the second round of RBMPs, SIPs are being used to capture the priorities and new measures required for water dependent habitats on Natura 2000 sites. SIP actions for non-water dependent sites/habitats do not form part of the RBMPs and associated consultation.*

### **Newlyn Downs SAC**

River basin

[South West RBMP](#)

WFD Management catchment

North Cornwall, Seaton, Looe and Fowey

WFD Waterbody ID (Cycle 2 draft)

GB108049000210

## Overlapping or adjacent protected sites

Site(s) of Special Scientific Interest (SSSI)	
Newlyn Downs SAC	Newlyn Downs SSSI

National Nature Reserve (NNR)	
Newlyn Downs SAC	n/a

Ramsar	
Newlyn Downs SAC	n/a

Special Areas of Conservation (SAC) and Special Protection Areas (SPA)	
Newlyn Downs SAC	n/a

<i>Version</i>	<i>Date</i>	<i>Comment</i>
1.0	23/10/2014	

[www.naturalengland.org.uk/ipens2000](http://www.naturalengland.org.uk/ipens2000)

