Introducing the new
Biodiversity Action Reporting System

Glamorgan Recorders Forum
Rhondda Heritage Park

16th February 2013
Laura Palmer
MSc, MIEEM

http://ukbars.defra.gov.uk
Background

1. Why the Change?

UK BAP Lessons
UK Framework
Country Strategies
Technology
Background

- How much land is under management to create priority habitat?
- Where niche requirements for priority species being introduced?
- What has been done to achieve our Biodiversity objectives?
- How much land is under management to maintain priority habitat?
- Where are we controlling or removing non-native species?
- How is this partnership coordinating & collaborating on the ground?
- Where might we expect to see/detect positive change in biodiversity?
Background

BARS 2 offers:

- A web-based information system to collate & present a central pot of data describing individual actions in place to benefit biodiversity.
- A standardised data model to consistently describe action allowing collective analysis and summaries to be drawn.
- Simple direct data entry and an option to bulk import data translated from third party systems.
- Spatial abilities to map the distribution of biodiversity action.
- An ability to generate statistical summaries from across action data.
- An ability to represent your organisation.
- An ability to represent your projects, programmes and partnerships.
The Action Map page can be used to explore the distribution of biodiversity action. Find out what is going on around you or how partnership activity is progressing.
The Action Summary Page can be used to generate reports from all actions held in BARS or use the filters to focus the report on particular locations, features and affiliations.
Organisational Page:

Description of organisation
Allows you to represent and describe your organisation, including links to webpages.

Action & Project Summary
Provides an overview to organisational actions and projects, including any collaboration projects.

Organisation Logo
Displays all actions currently linked to your project.

Contacts
Project Page:

Project Description
Allows you to represent and describe your project, programme of work, funding scheme or partnership.

Action Map
Displays all actions currently linked to your project.

Project Targets
An early example of Action Summaries. Allows you to set numeric targets against specific biodiversity features & objectives.

Aggregated amounts
A sum of individual figures taken from relevant actions linked to this project.

Linked Actions
A filterable table listing individual actions linked to this project.

Project Progress
An ability to add brief update and upload reports related to progress of work associated with this project.
The Dashboard:

- Your Account
- Notifications
- My Organisations
- My Projects
- My Actions
- My Candidate Actions

The Dashboard is a personalised page that sets out all the things in BARS that are linked directly to you.
### What is an Action?

#### Action Information collated in BARS

To describe action consistently we fundamentally need to know...

<table>
<thead>
<tr>
<th>What</th>
<th>Feature</th>
<th>Dormouse</th>
</tr>
</thead>
<tbody>
<tr>
<td>How</td>
<td>Action Type</td>
<td>Habitat Management</td>
</tr>
<tr>
<td>Why</td>
<td>Objective</td>
<td>Restoration</td>
</tr>
<tr>
<td>Where</td>
<td>Location</td>
<td>drawn boundary</td>
</tr>
<tr>
<td>When</td>
<td>Start</td>
<td>01/04/2010</td>
</tr>
<tr>
<td></td>
<td>End</td>
<td>31/03/2013</td>
</tr>
<tr>
<td>Quantity</td>
<td>Amount</td>
<td>30</td>
</tr>
<tr>
<td>Measure</td>
<td>Units</td>
<td>Hectares</td>
</tr>
<tr>
<td>Who</td>
<td>Owner</td>
<td>CCW</td>
</tr>
<tr>
<td>Status</td>
<td>Status</td>
<td>Underway</td>
</tr>
</tbody>
</table>
A Project is effectively a page in BARS that you can use to represent an entity against which you wish to affiliate or group actions. You can use the project page to represent a whole manner of things, but some examples include:

- Projects
- Programmes of work
- Funding streams
- Partnerships
Access Rights and Data Model

To add or edit Actions and Projects in BARS you must be both:

a) a registered BARS user, AND,

b) a member of an organisation that has been registered on BARS.

You can delete an Action or Project if you are either:

1. The Organisation Administrator (OrgAdmin) for the organisation that owns the Action or Project, or

2. A member of the organisation that owns the Action or Project AND the Lead Contact for the specific Action or Project
Current and Potential Uses

- **Action Planning**
- **Targeting/evidencing survey effort**
- Reporting (local, national, UK)
- **Local Biodiversity Action Plans (LBAPs)** (or other partnership projects)
- Attracting future funding
- Distribution of project/organisational action i.e. agri-environment data (Glastir/HLS)
- Looking at Welsh priorities
- Action for invasive species
- Biodiversity element of grant reporting (i.e. ERD Reporting)

(EAW BAP Habitat Creation 2010/11)
WBP Priority Mapping

- Select Individual priority areas and add actions
- Run queries on total number of actions undertaken within priority areas over different timescales
- View distribution of actions in relation to priority areas
Development 2012/13

- Import of CCW Species action data
- Export from CMS to BARS
- Map export facility
- Remaining WBP Priority areas added
- Add location by grid reference
- Improvements to the user interface and action maps
- Additional boundaries and data sets added
- Improvements to the reporting function
- Filter (map and report) for aggregate locations e.g. all SSSIs
Thank you

Please direct any enquires to

Alys Edwards, WBP Technical Officer

aedwards@wtwales.org