

Low Emission Hub – Advanced Search Guide

Advanced and Map Search Guide

Advanced search and map search provide alternative ways to explore the case studies.

Advanced search allows you to:

- Search by **keyword**;
- Filter by **location** or **local authority**;
- Filter by **action type** (measures).

Map search provides a map based view of the case studies.

Advanced search

By toggling to the advance search view in the search page, additional search parameters appear.

From this page you can do keyword searches and filter by location or local authority. These main search parameters are provided as shown below.

The screenshot shows the Advanced Search interface with several callouts:

- Enter keyword searches here:** Points to the 'Keywords:' text input field.
- Use drop down menus to filter by location and authority:** Points to the 'Case location' and 'Local authority' dropdown menus.
- Tick to filter by action type:** Points to the 'All actions' checkbox in the 'Action types' section.

The interface includes the following elements:

- Four filter buttons: **Fleet** (checked), **Site** (checked), **Area** (checked), and **Framework** (checked).
- Keywords:** A text input field.
- Case location:** Two dropdown menus: 'All UK regions' and 'All location types'.
- Local authority:** Two dropdown menus: 'All authority types' and 'All local authorities'.
- Action types:** A grid of checkboxes for: All actions (checked), Fleet actions, Policy / Framework, User charging, Behavioural change, Freight, Public transport, Vehicle sharing, Financial support, Infrastructure, and Regulation.
- Case study date:** A dropdown menu set to 'All dates'.
- Reset** and **Search** buttons.

The location dropdown menus allow you to filter by region or location type:

- **City / Market Town** – for case studies applied in cities and towns;
- **Metropolitan area** – for case studies in larger conurbations such as the West Midlands;
- **Rural** – for case studies outside towns and cities;
- **National** – for case studies that have been applied at the national level or across the country.

You can also filter for a given local authority or by **Tier1 (County)**, **Tier 2 (district/borough)** or **Unitary Authority**. This allows you to find case studies that most closely match your own situation.

Filtering by action type can be done by simply selecting one or more action types using the tick boxes. The action types are defined as follows:

- **Behavioural change** – soft measures such as travel plans and awareness raising;
- **Financial support** – fiscal measures such as S106 monies to improve public transport;
- **Fleet actions** – measures around reducing emissions from fleets;
- **Freight** – actions around freight transport;
- **Infrastructure** – investments in new infrastructure such as bus lanes;
- **Policy/Framework** – a policy case study rather than a physical measure;
- **Public transport** – measures around public transport;
- **Regulation** – formal regulation measures such as Low Emission Zones;
- **User charging** – emission based or other charging measures;
- **Vehicle sharing** – such as car clubs or car sharing.

You can also filter the case studies by when they were entered, to see only the most recent case studies. Once you have selected your filters or entered a key word, click search to see the search results. The number of results returned is shown at the bottom of the case study list and in the 'section filter' box. To clear the search filters, click the reset button.

Search results or list view

The result of any search will be a list of case studies that matches the search criteria, giving summary information about the case study. You can expand the amount of information shown about each case study by ticking sections within the 'section filter' box. You can view the full case study details by clicking on the case study itself.

The screenshot shows a search results page with three case study entries. The first entry is 'Bradford city-wide Low Emission Strategy (LES/LE...)' by Bradford Metropolitan Council, dated 23 Jan 14. The second entry is 'York LEZ feasibility study - 2013 (LES/LEZ deve...)' by City of York, dated 23 Jan 14, and is marked as 'Selected'. The third entry is partially visible as 'city wide Low Emission Strategy (LES/LEZ)' by York, dated 23 Jan 14. To the right of the list is a 'Section filter' panel with an 'Order by' dropdown set to 'Case study date'. It contains checkboxes for 'Headline', 'Scope', 'Harm', 'Actions', 'Benefits', 'Appraisal', and 'Context', with a 'Select all' option. Below this is a 'Get Started Guide' section and a 'Case study types' section with categories like 'Fleet - Car fleets (e.g.)', 'Site - Cas sites (e.g.)', and 'Area - Ca'. Three callout boxes provide instructions: 'Click on body of case study to view full details' points to the text of the York LEZ study; 'Select section to shown more information' points to the 'Section filter' panel; and 'Select and save case studies to view in MyHub' points to the 'Selected' star icon on the York study.

You can also select and save the most relevant case studies to view together through MyHub. This option is only available if you have registered and are logged in.

Full case study view

Clicking through to a case study will show the full information available on that case study. The information provided covers:

- **Headline** – an overview of the case study;
- **Scope** – the scope of the case study in terms of what it applies to (e.g. extent of vehicle fleet, or geographical area);
- **Harm** – what was the prior emissions impact of the fleet, site, or area before the measures in the case study were implemented;
- **Action** – what actions were implemented to affect the emissions;
- **Benefit** – the emissions impact of the measures in the case study;
- **Appraisal** – in general terms how successful have the actions been and lessons learnt;
- **Action details** – the details of the individual actions including costs and the impact of individual measures if this is available;
- **Context** – local policy and emissions/air quality context;
- **Status** – are the actions planned, being implemented or completed.

The screenshot shows a web page for a case study titled "Bio-methane Vehicles and filling station". At the top, there are navigation buttons: "« Previous", "Back to search", and "Next »". Below these is a red car icon and the title. The subtitle is "Fleet case study – 09 Jul 2013". A large green gear icon with smaller icons inside is on the right. The main text states: "Sheffield CC trialed a variety of eco-friendly fuel alternatives for its fleet of vehicles. Ten vehicles that run on Biogas generated from a sewage treatment plant were trialed in an effort to reduce the city's carbon emissions." Below this are sections for Scope, Harm, Action, Benefit, Appraisal, and Action details. On the right, there is a photo of a field and a sidebar with fields: Main Actor (Sheffield CC), Location (Sheffield), Created (09 Jul 13 – Updated 27 Nov 13), and Contact (Name: admin). A grey box with the text "Main case study information" is overlaid on the left side. A larger grey box with the text "Click to expand for further information" has red arrows pointing to the plus signs in the Benefit and Action details sections.

« Previous Back to search Next »

Bio-methane Vehicles and filling station

Fleet case study – 09 Jul 2013

Sheffield CC trialed a variety of eco-friendly fuel alternatives for its fleet of vehicles. Ten vehicles that run on Biogas generated from a sewage treatment plant were trialed in an effort to reduce the city's carbon emissions.

Scope
Initial 6 month trial (April – October 2010) involving 10 gas vehicles and one temporary filling station. Comparison v. conventional in the following areas:
Emissions (CO₂, N₂O, CH₄) v. conventional Cost

Harm
Transport emissions associated with the Council's own fleet (CO₂, NO_x, PMs).

Action
Trial of 10 gas vehicles and one temporary bio-methane filling station

Benefit +
Emissions, vehicle performance and user acceptance was superior to diesel comparator vehicles

Appraisal
Chesterfield confirms in the longer term the Council may support the development of plans to digest organic waste and capture the raw biogas produced. This could be cleaned and upgraded to bio-methane, compressed and dispensed in a permanent filling station.

Action details +
Action: Bio-methane powered vehicles

Main Actor
Sheffield CC

Location
Sheffield

Created
09 Jul 13 – Updated 27 Nov 13

Contact
Name: admin

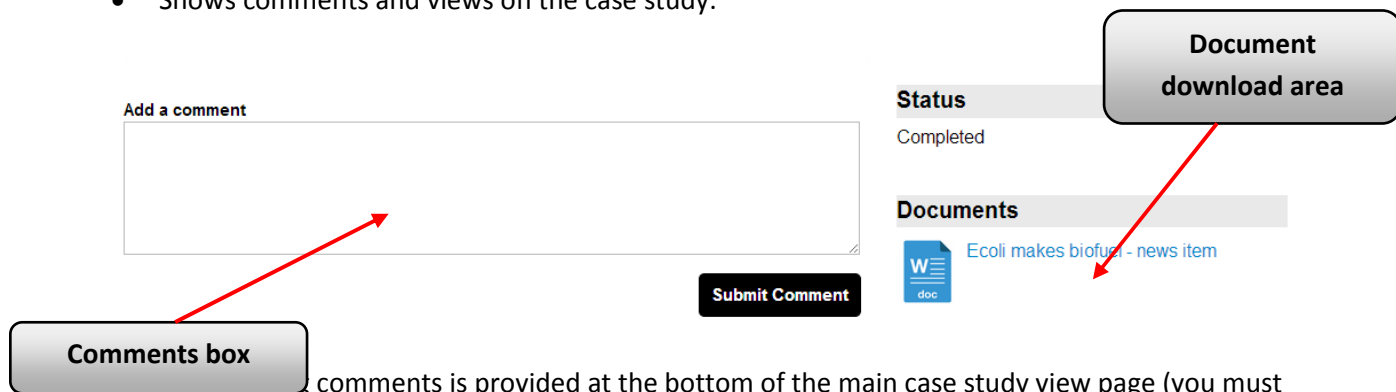
Main case study information

Click to expand for further information

Some sections of information have been collapsed in the main view. These can be expanded by clicking on the 'plus' signs where these exist.

The main case study view also:

- Provides contact details of the author;
- Gives access to additional documents for download;
- Shows comments and views on the case study.



Comments is provided at the bottom of the main case study view page (you must be logged in to submit a comment). All comments will be submitted through the Hub moderator before they are shown on the site.

Map Search

The map search is based on Google maps. Simply move around the map to view case studies in a given area and click on a case study icon to access the full case study view.

