

Green Skills Digital Campus User Guide



www.bridge-skills.london



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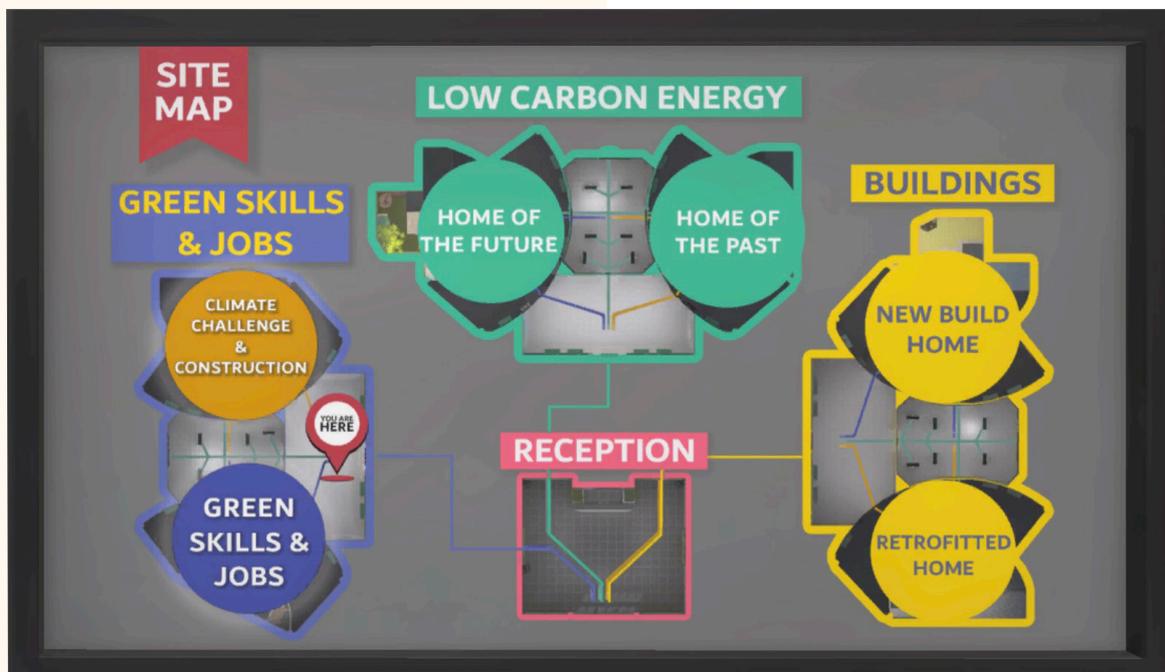
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The Green Skills Digital Campus can be accessed by the link below

[Green Skills Digital Campus](#)

This guide provides a concise overview of the Green Skills Digital Campus, accompanied by a set of frequently asked questions (FAQs).



What is the Green Skills Digital Campus?

The Green Skills Digital Campus, GSDC for short, is a virtual environment that has been designed to illustrate some of the changes that are taking place across the construction industry to ensure homes and other buildings are much more energy efficient than they have been in the past. This includes new build homes and existing housing stock, where the changes are referred to as retrofitting.

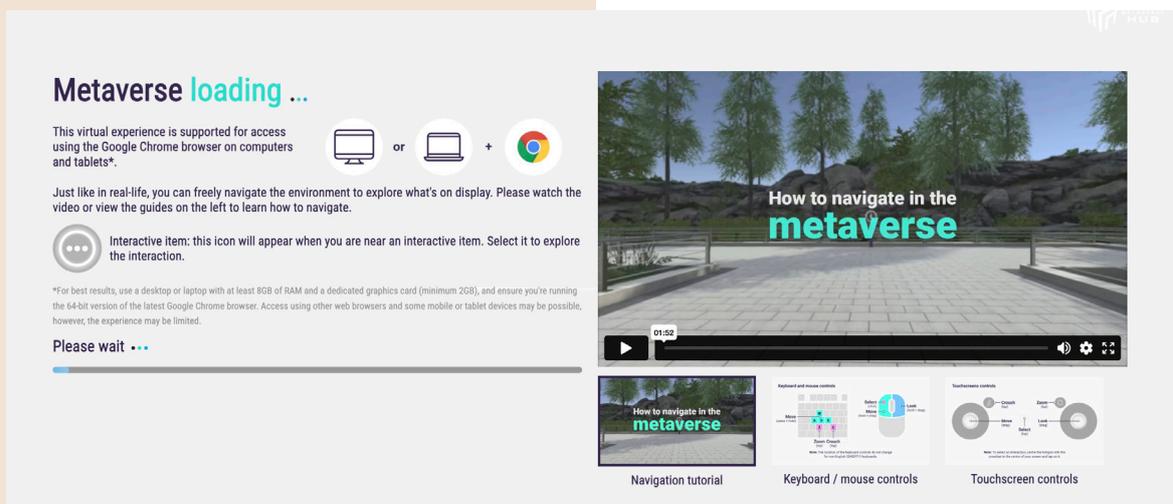
It also examines the green jobs currently available and how the construction industry is adapting to meet the demand for these green-skilled jobs.

Getting started

When you first arrive at the landing page, you will see this screen. The GSDC will take a few seconds to load. This time will depend on your WIFI speed and how many others are connecting at the same time. Once it loads, you will see:



Clicking on this will take you to the opening screen of the GSDC. Enter your name, or the name you would like your avatar to be known by while you are in the environment and click Enter. Your journey or any other data is not saved.



The screenshot shows a loading screen for the Metaverse experience. On the left, there is a "Metaverse loading ..." section with instructions on supported devices (desktop, laptop, or Chrome) and a "Please wait" progress bar. Below this are icons for a desktop, laptop, and Chrome browser. A note explains that interactive items will appear when near them. A disclaimer at the bottom left states: "For best results, use a desktop or laptop with at least 8GB of RAM and a dedicated graphics card (minimum 2GB), and ensure you're running the 64-bit version of the latest Google Chrome browser. Access using other web browsers and some mobile or tablet devices may be possible, however, the experience may be limited."

The main part of the screenshot is a video player titled "How to navigate in the metaverse". The video shows a virtual outdoor environment with trees and a paved path. Below the video player are three navigation guides: "Navigation tutorial", "Keyboard / mouse controls", and "Touchscreen controls". The "Navigation tutorial" shows a first-person view of the environment. The "Keyboard / mouse controls" guide lists: W (Forward), S (Backward), A (Left), D (Right), Space (Jump), and Shift (Crouch). The "Touchscreen controls" guide lists: Tap (Interact), Drag (Move), and Pinch (Zoom).

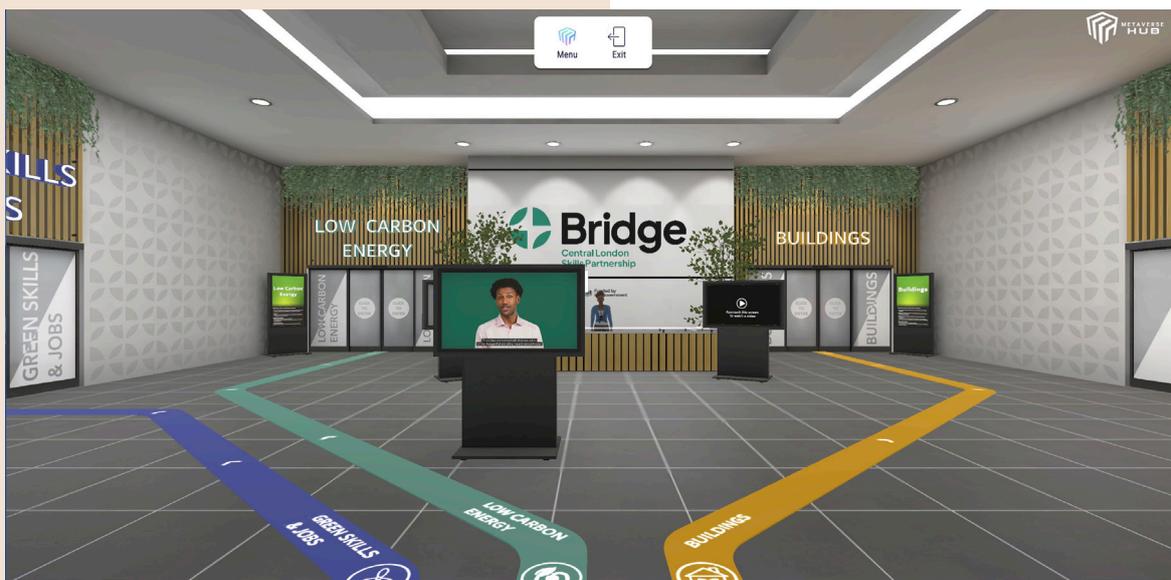
Your journey around the environment and the avatars

Once you enter the site, you are in reception and are greeted by the first of our avatars. He will give you a general introduction to the site, and then head over to the reception desk and screen, where another avatar will guide you through the campus.

Follow the **blue, green or amber** guidelines. Follow these lines on the floor or in the reception, and they will guide you to the entrance of each of the rooms.

You can, however, take any route around the environment that you choose.

In each room, you will be met by an avatar who will tell you what is in that room and suggest where you should go next.



What is in the environment?

There are four main rooms:

1. Buildings
2. Low-carbon Energy
3. Green Skills and Jobs
4. *Training

*accessible from all above rooms

When you enter each room, you will find an avatar who will explain what is in the room and suggest a route for exploring it. In each of these rooms, there are icons that you can click on to reveal information about the area:



Look out for this icon as you move around the rooms. When you click on it, a pop-up will appear with information.

Buildings

This area demonstrates how buildings are being made more energy-efficient.

New-build homes

Look around the outside of the house. The icons and tablets provide information about insulation, ventilation, and energy assessment. Then, look inside and watch for the icons on the doors, floors, windows, and appliances.

Retrofit home

An older home that has been adapted, or **retrofitted**, to make it more energy efficient. There are tablets and icons throughout the house that provide information about glazing and insulation. There are also glass displays by the white van that have information on thermal imaging and energy assessment.



What is in the environment?



Low-carbon Energy

Here you will see how things are changing as we move from the home of the past to the home of the future.

In the [Home of the Past](#), there are boards, loft insulation, and a gas boiler, and you can click on the tablets and find out more about these. To the right of the house, there are boards, inefficient appliances and a single-glazed window. You can click on the tablets and consider what a homeowner can do to improve the energy efficiency of their home.

The [Home of the Future](#) shows some green energy solutions.



What is in the environment?

Green Skills and Jobs

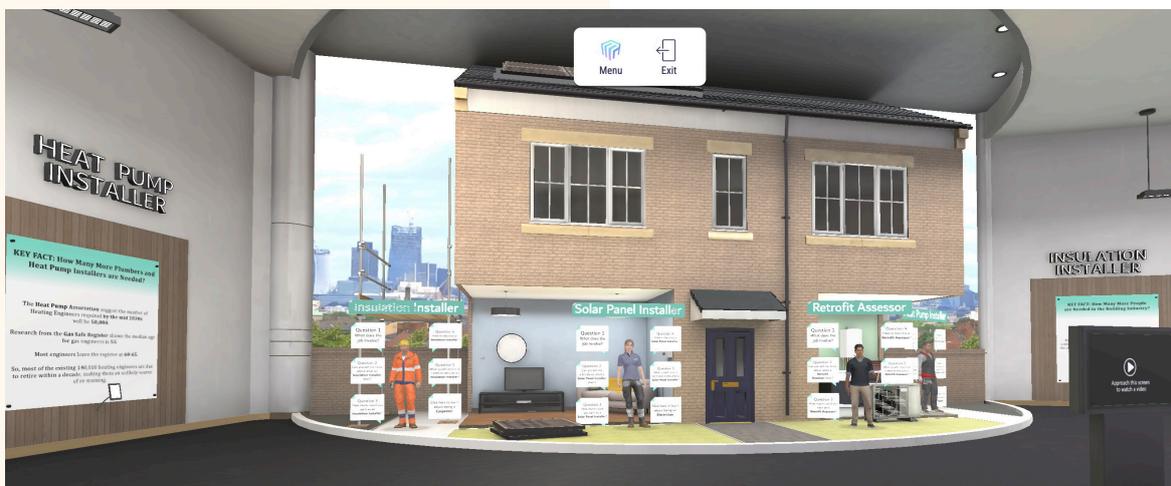
In this room, you will find information about various jobs involving green skills and construction, and you will also discover how all of this relates to work in construction.

There are several avatars, each displaying information about different green skills jobs:

- Insulation installer
- Solar panel installer
- Heat pump installer
- Retrofit assessor.

On each avatar, you can click on panels to find out about the role and information, such as:

- What the job involves
- Average likely salary
- Qualifications needed.



What is in the environment?

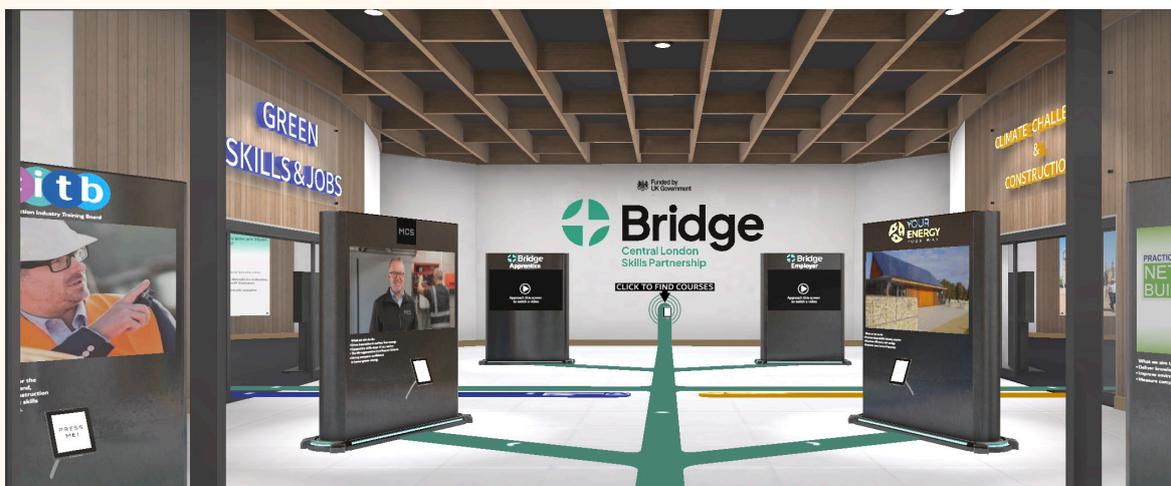
Training

On the back wall of the Training room, you'll find a link to the range of courses offered by our Bridge partnership colleges and training providers across Central London.

In this room, you can watch videos of Leah Robson, Your Energy Your Way employer, and Georgia Greenfield, one of her low-carbon energy apprentices, talking about what it's like to work in this industry.



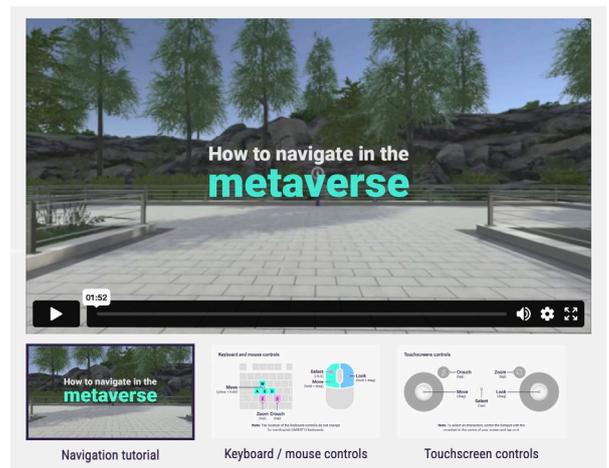
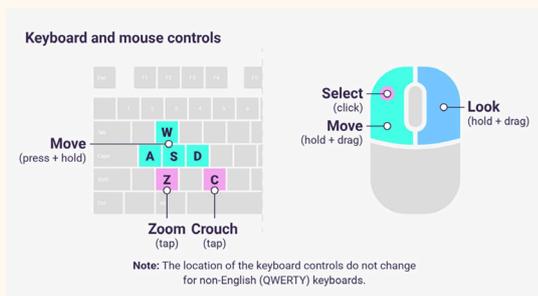
There are also information boards with links to some of the major organisations leading developments in green skills, including MCS, BSRIA, and the CITB.



Navigating around the environment

We recommend watching the *How to navigate in the metaverse* video on the landing page, which provides a brief overview of the various navigation options available in the environment.

Navigating on a desktop computer or laptop



Navigating on a touchscreen device

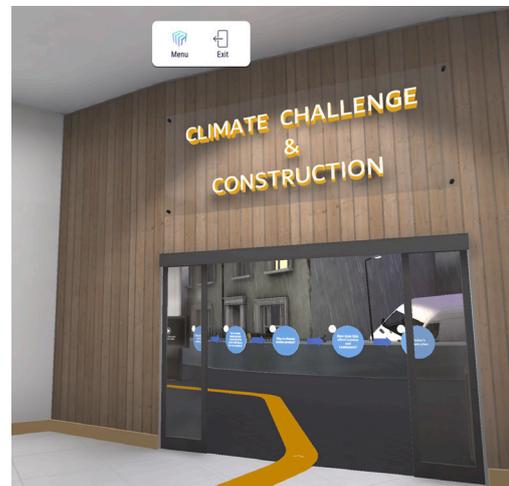


(See note below in FAQs on using your mouse when using a touchscreen device.)

How the Green Skills Digital Campus might be used

Some suggestions:

- On a display during an Open Day
- During student induction, looking at how the construction industry is adapting to the requirements of low-carbon buildings and energy usage and the emerging jobs in the sector
- As part of a lesson, or a series of classes, looking at employability skills
- As part of a presentation about jobs and careers in construction.



Frequently Asked Questions (FAQs)

Q

I have logged in, but can't navigate

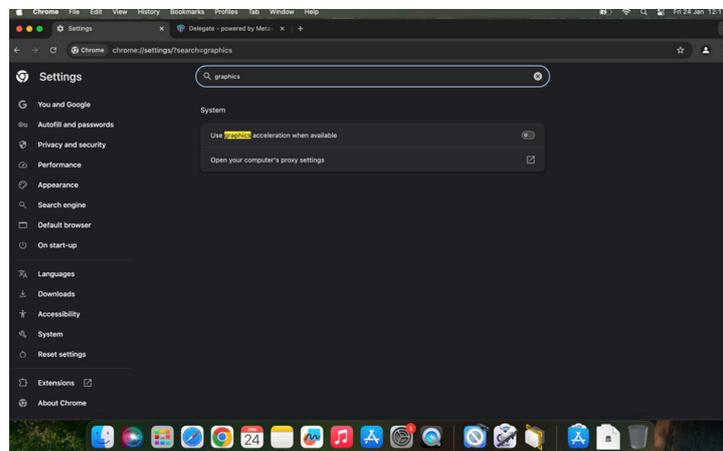
Watch the video on the opening screen. Check which browser you are using and your browser settings. If you are using a touchscreen computer, please see the advice below.

Q

I am using Chrome, but can't navigate using my mouse controls

Occasionally, in Chrome settings, your graphics card may not be enabled. Do the following and then try to re-access the GSDC on Chrome:

- Open your Chrome browser
- Go to **Settings** (click on the three dots on the right-hand side of the address bar and select **Settings** from the list)
- Search for **Graphics** in the search bar
- Enable the **Use graphics acceleration when available** setting (see the image below).





I have a touch screen laptop and can't navigate using my mouse

This is because the system has detected that your laptop is touch-enabled.

To change to the keyboard:

- Select the **Menu** button at the top of the screen
- Select **Settings** in the pop-up
- Scroll down to the **Touch Control** section
- Toggle off the **Touch Controls Active** button.



Can the GSDC be used on mobile devices or with VR headsets?

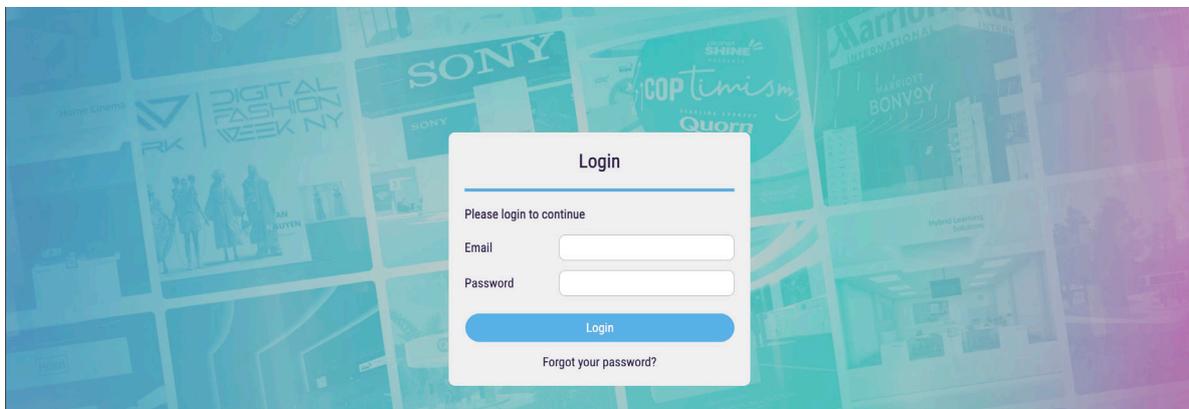
The GSDC is designed to run on desktop or laptop computers. It will not run properly on mobile devices or VR headsets.



Why am I asked for my email and password when I log out?

When you click **Exit**, you will see this screen. The GSDC sits on a platform that hosts several other packages, and this is the standard exit screen.

Unfortunately, we cannot change it or customise it to suit the GSDC.





Thank you for visiting the GSDC

www.bridge-skills.london

METAVVERSE HUB

Disclaimer:

This virtual experience is compatible with desktops and laptops for access. It may be accessed using some mobile or tablet devices; however, the experience may be limited.

This free resource is not backed up by additional support, and you may not experience optimum conditions if too many people are accessing the site at the same time.



Funded by
UK Government



Bridge
Central London
Skills Partnership