
Sizewell C
The power of good for Britain
Bus Depot
RANSOMES EUROPARK

Since March 2025, **Ipswich** has **played** an **important role** in keeping Suffolk's **first hydrogen buses** on the road.

Proposed scheme aerial from the north west.

SIZEWELL C

Bus Depot

As part of our aim of reducing carbon emissions associated with building Sizewell C, the three hydrogen double-decker buses and one single-decker bus which are part of a trial to transport construction workers, are being refuelled and maintained in Ipswich.

The trial has been successful, and we are now planning a new depot in Ipswich to support a mixed fleet of emissions-free hydrogen and electric buses.

The trial is currently employing 45 drivers - all trained in the use of hydrogen buses - at the Ipswich depot, with 20 trained specifically to fuel hydrogen buses. With the depot, around 400 jobs of different levels will be created, including bus depot management, maintenance engineers, bus drivers, dispatchers and cleaners, as well as refuelling and administrative staff. The range of jobs offers the potential for residents to build sustainable careers as they gain technical and management skills.

The bus depot will also help deliver our Pledge for Ipswich, which guarantees 500 jobs by connecting local people with job and training opportunities. In 2025, over 700 people attended two Ipswich jobs fairs aiming to link them with the many local companies in the Sizewell C supply chain, as well as local colleges and charities.

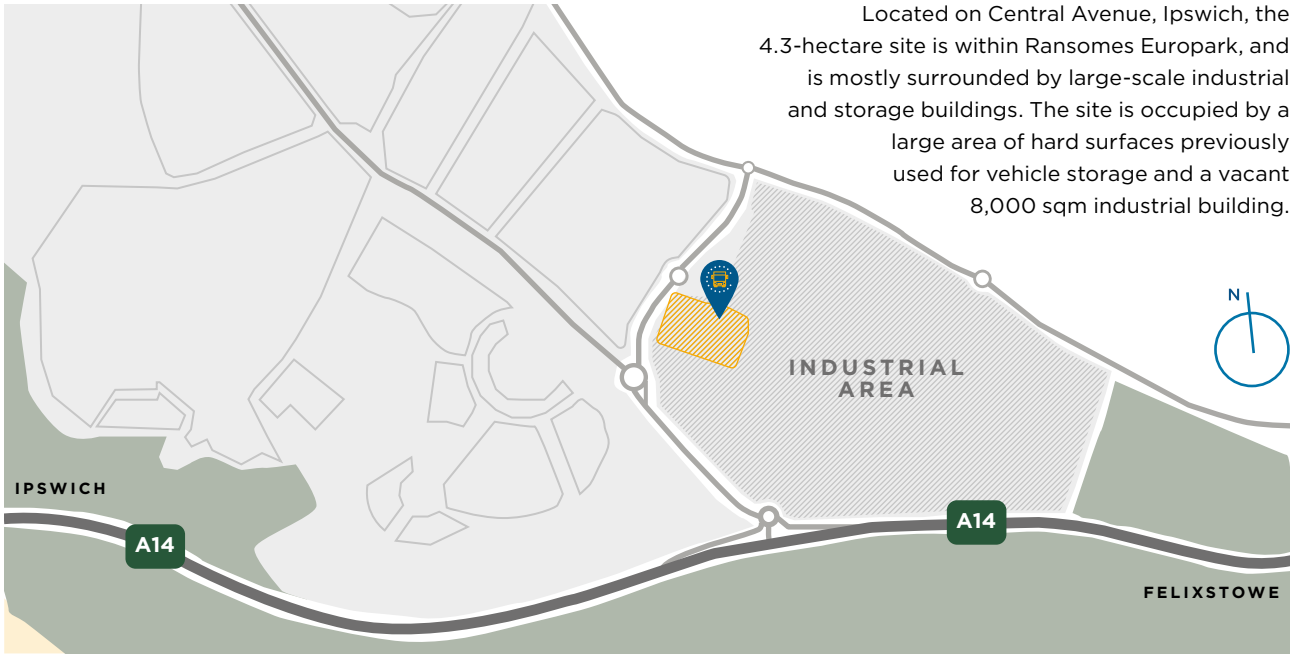
We are supporting Suffolk New College to expand course options and build new centres of excellence, as well as working with partners like Inspire, Project 21, and the Ipswich and Suffolk Council for Racial Equality (ISCRE) to help people build their careers locally.

At least 75% of the driving roles we create will be filled from within the region as we help future drivers gain their Passenger Carrying Vehicle (PCV) licence, alongside essential skills such as maths and English, to build confidence and long-term employability. This includes supporting local residents to progress through apprenticeships, work experience, and accredited training programmes.

For more information about careers at Sizewell C, visit: sizewellc.com/jobs.

THE SITE

Located on Central Avenue, Ipswich, the 4.3-hectare site is within Ransomes Europark, and is mostly surrounded by large-scale industrial and storage buildings. The site is occupied by a large area of hard surfaces previously used for vehicle storage and a vacant 8,000 sqm industrial building.



Bus Depot Site Industrial Area Residential and Retail Areas

THE DEPOT PROPOSALS

In support of our ambition to reduce carbon emissions, we are planning to use the site as a bus depot until 2035 to refuel, charge and maintain the Sizewell C bus fleet.

Operation

At its peak, the bus depot would operate 24 hours a day, with 160 workers, including bus drivers and supporting staff, expected to be on site at any one time during this period. With most staff working shifts on site, the majority of trips to and from the depot are expected to be outside the standard morning and afternoon peak hours when nearby roads and junctions are at their busiest.

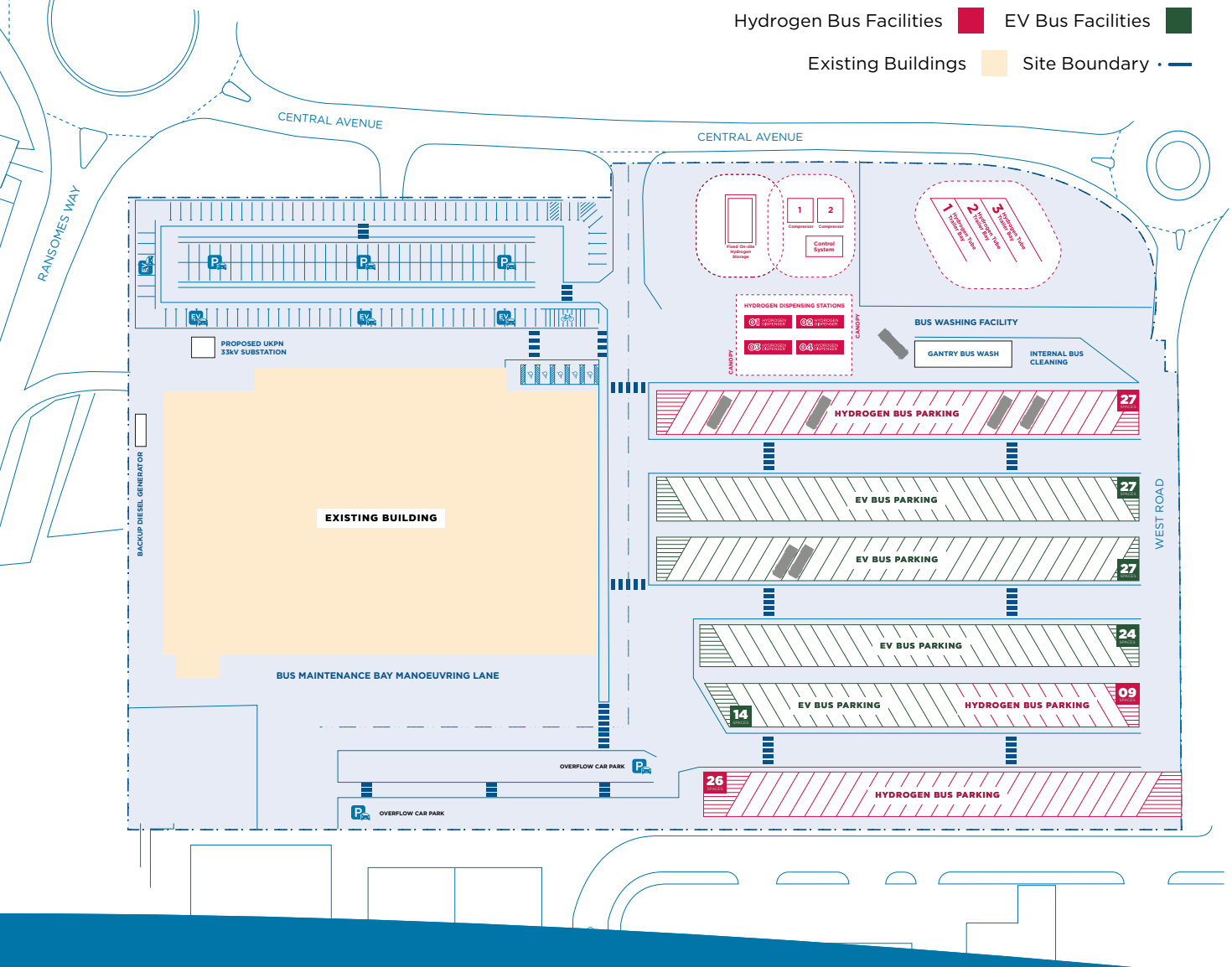
Buses and staff will enter and exit the depot from Central Avenue (a private road), which has convenient access to the A14. Depot workers could also arrive by bus, with the site around 400m from a bus stop on Central Avenue, or by using nearby cycle routes.

In the coming months, we will submit a planning application for the bus depot proposals. More information is available on our website **sizewellc.com**. Or, if you want to talk to us about the plans, please call us on **0800 197 6102** or email **info@sizewellc.com**.

One of our fleet of Hydrogen buses

WITH UP TO 154 BUSES TO BE BASED AT THE DEPOT, WE ARE PROPOSING TO:

- Add access doors to the southern elevation of the existing building and service bays, welfare facilities, and office and storage space inside the building to allow it to be used for indoor bus maintenance.
- Provide four hydrogen dispensers where buses will be refuelled, and hydrogen trailer parking.
- Install EV charging points to recharge electric buses.
- Provide bus washing and cleaning facilities.
- Create 154 bus parking spaces and 200 car parking spaces for staff and visitors, as well as EV car/van charging points, disabled and two-wheeler bays, van parking spaces and cycle parking.
- Equip the site with supporting infrastructure, including external lighting and CCTV cameras.



Minimising effects

As the site is located close to the A14 and most vehicle movements will be outside of peak hours, the quiet, low-emission buses will largely bypass residential streets. Staff shifts are also planned to avoid travel during peak hours, with patterns expected to be 06.00-14.00, 14.00-22.00 and 22.00-06.00.

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SAFETY IS ALWAYS A KEY PRIORITY FOR SIZEWELL C.

The bus depot will include external lighting for bus parking and manoeuvring areas, around refuelling and charging stations to ensure the safety of workers using parking and pedestrian routes.

Automatic controls such as photocells and time clocks will ensure lighting operates only when required, reducing unnecessary energy use and associated carbon emissions.

We will use warm light LEDs, with the columns using directional optics to minimise light spill outside of the site.

CCTV cameras will be used on site and a dedicated security team will be present 24 hours a day.

While hydrogen is a safe, zero-emission fuel that allows buses to refuel in the same time as it takes to fill up with diesel, we are proposing safeguarding measures. These include exclusion zones and robust fire walls around the hydrogen refuelling components to the north-east of the site, in accordance with British Compressed Gas Association Guidelines.

Proposed scheme aerial from the south.

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For more information:
Go to **sizewellc.com** | Call us on **0800 197 6102** | Email **info@sizewellc.com**
Visit our Information Office at **48-50 High Street, Leiston IP16 4EW**