



Strategic
Command

HYDROGEN

2024 CONFERENCE

Royal Leamington Spa, 13th June

FALKLANDS NET ZERO & SELF-SUFFICIENCY SCENARIO

ORGANISED BY



SPONSORED BY



SCENARIO

Our doctrine and allocation of resource is influenced by the challenges of our time - global warming, resource shortage, and evolving geo-political instability.

Self-sufficiency is a far-reaching topic. It will permeate through everything the Ministry of Defence and our allies endeavour to achieve, as we strive to deliver Net Zero, whilst continuing to maintain its core functions of defence of the realm, peacekeeping and humanitarian support.

Self-sufficiency is a strategic advantage, and net zero commitment is the right and necessary thing to do.

At this conference, you'll support us to shape a journey together, answering the question - how can military and industry collaborate to over-come one of our biggest 21st century challenges - climate change and sustainability.

Our goal together - make operations on the Falklands of net zero emissions and self-sufficient for energy.

As the song goes "If I can make it there, I'll make it, anywhere"; solving net zero and self-sufficiency here will generate solutions and collaborations that can be applied across the global.

The conference will focus on the holistic and connected eco-system that should come together to realise a net zero and self-sufficient vision for the Falklands based on hydrogen.

Attendance is by invite only. We are assembling expertise in all the pieces of the puzzle from sustainable energy generation all the way to distribution of the synthetic fuels. You have been selected to provide valued input and join our expedition towards net zero and self-sufficiency.

Dr. Joseph Lam

Chair of the Defence Hydrogen Committee

Operational Energy Authority

Strategic Command

Ministry of Defence

VENUE & EVENT



The Riverside Glass House

Mill Bridge, Jephson Gardens, Leamington Spa CV32 4AA

The **conference** is hosted in the Glass House, within Jephson Gardens, at the southern end parade.

You'll enter via the temperate plant house, where you'll find waterfalls, tropical and temperate plants, birds of paradise, and our **reception**.

The agenda will commence at 09:00 and follow a set of **topics**. As the day progresses, in-between the speakers, we'll capture your valued input which will be collated into a post event report for consideration by the Defence Hydrogen Committee.

Refreshments will be served throughout the day and lunch is included.

The seating is organised as cabaret tables, each addressing a **focus area**.

Table 01 **Organisers presentation table**

Table 02 **Renewable power generation**

Table 03 **CHP Engines**

Table 04 **Electrolysers & The Water Cycle**

Table 05 **Electrolysers & The Water Cycle (table 2)**

Table 06 **Load Management**

Table 07 **Hydrogen Storage & Transportation, & Conversion to Electricity**

Table 08 **Carbon Capture & Storage**

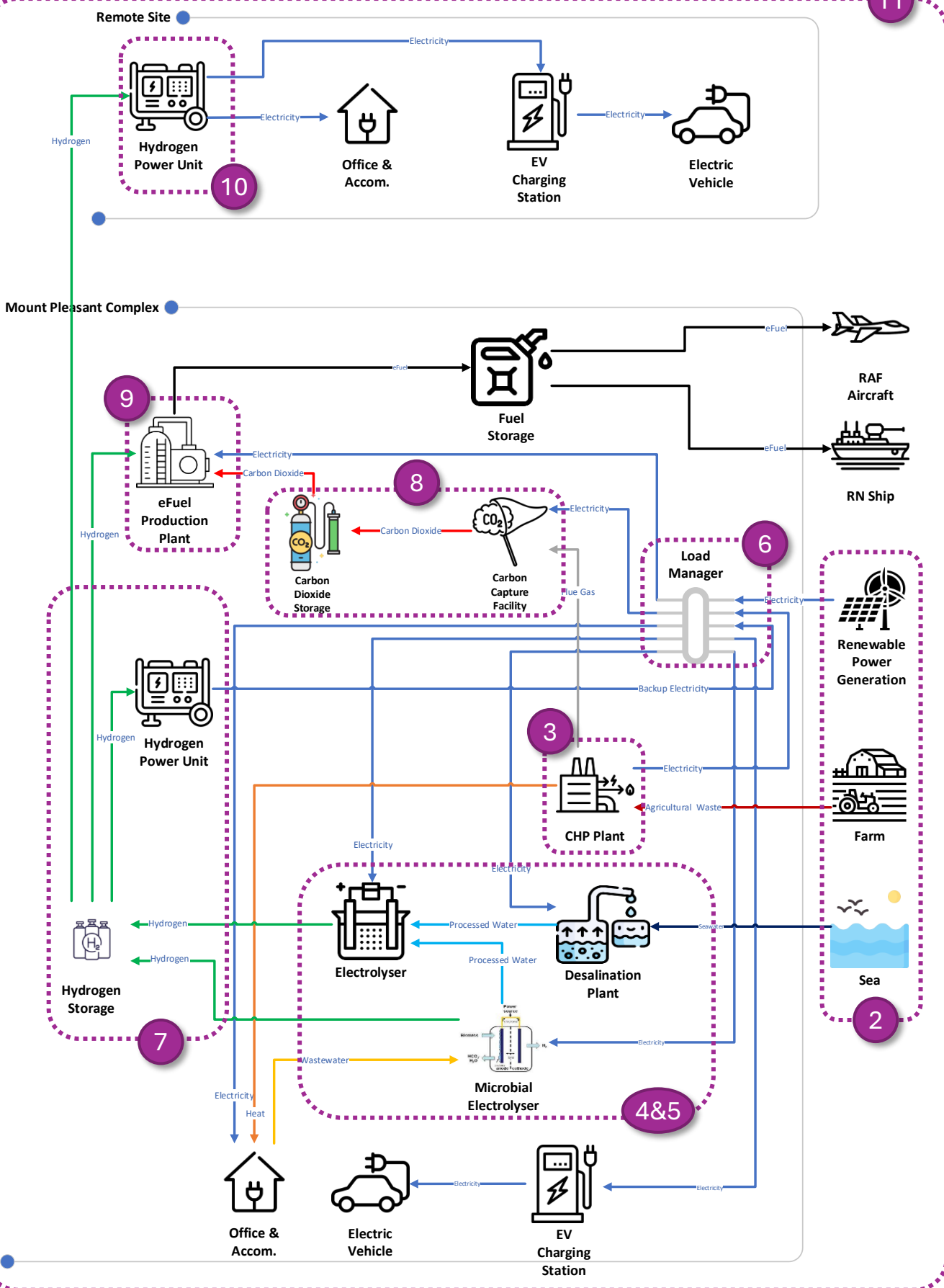
Table 09 **Synthetic Fuel Production**

Table 10 **Fuel Cells**

Table 11 **Scheme Financing, Management & Construction**

FOCUS AREAS

11



Detailed agenda to follow. Please contact darin.tudor@teamdefence.info to discuss speaking opportunities.

TOPICS

SKILLS



POLICY



TECHNOLOGY



THROUGH-LIFE SUPPORT



TRAVEL PLANNING

BY ROAD

Royal Leamington Spa is only 5 miles from junctions 13 and 14 of the M40, 4 miles from the A46 and 11 miles from the M45. The town is also easily found from the North via the M6 (J4a), just follow the signs.

PARKING

You will find a number of car parks within the town centre providing over 1,700 spaces. Nearby paid parking is available on **Newbold Terrace** for short stays and **St Peter's multistorey** car park is only a short walk away for longer stays. There is also some free parking on street parking available in the locality, just a short walk across the **river bridge behind the venue**. There are approximately **23 electric car charging points** in and around Leamington Spa. To find your nearest please visit: www.carwow.co.uk/electric-cars/charging-points

STAYING NEARBY

There are many hotels available nearby. The **Angel Hotel** (6 mins walk) 143 Regent Street, Leamington Spa CV32 4NZ www.angelhotelleamington.co.uk/ Tel: 01926 881 296 There is limited car parking at the hotel (£5 per night). On street parking is also available free of charge from 6pm to 8am. **Premier Inn Hotel** (5 mins walk) <https://shorturl.at/knzL3> Tel: 03333219 281 154-156 Parade, Leamington Spa CV32 4BQ.

BY RAIL

We are a short walk from **Royal Leamington Spa railway station** situated on Old Warwick Road which provides direct rail links to the surrounding towns and beyond. Coventry - 11 minutes Banbury - 17 minutes **Birmingham International** - 21 minutes **Birmingham** - 25 minutes **London Marylebone** - 1 hour and 15 min.

BUS

Regular bus services also run multiple routes to and from the bus station in the town centre to the surrounding areas, as well as to Warwick and Coventry.

BY COACH

The most convenient drop off/pick up point for Jephson Gardens is **Newbold Terrace**.

LEAMINGTON SPA

Royal Leamington Spa is a lovely South Warwickshire town located in the heart of England conveniently situated near several major transport links. The Riverside Glasshouse and adjoining Temperate House sits inside Jephson Gardens, with the nearest park entrance to the venue on Newbold Terrace, located just opposite the Royal Spa Centre.

