



INFORMATION PACKAGE

Accelerate with us



**Warwick
Hyperloop**

University of Warwick
CV4 7AL

CONTENTS

THE
'HYPERLOOP'

ABOUT US

OUR TECH

THE EUROPEAN
HYPERLOOP
WEEK

PROJECT
TIMELINE

BENEFITS OF
PARTNERING
WITH US

OUR TEAM &
CONTACTS

THE HYPERLOOP



Hyperloop is a cutting-edge high speed transportation system designed to be **highly energy-efficient**.

The hyperloop concept is open-source - anyone is free to advance the technology

At top speed, this technology travels **3x faster** than high-speed rail and over 10x for a traditional one. To put in to perspective, a trip from London to Edinburgh could be cut down to just 50 minutes – just imagine its **commercial applications!**



Strengths of Hyperloop



Higher speed than other modes of transport



Low cost compared with similar technology



Environmental sustainability & energy efficiency



Increased public & government interest

ABOUT US

The Mission

Warwick Hyperloop's long-term ambition is to make a lasting contribution to the Hyperloop technology development – by **2025**, we look to make a **full-scale pod** to show at the EHW competition.

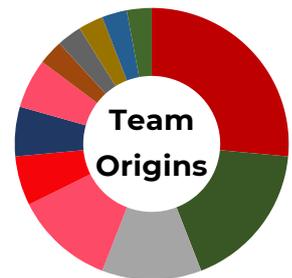
What makes us different



We are aiming to be the **first English team** to demonstrate at the 2025 European Hyperloop Week in Groningen.



Our use of EDWs and EDDs separates us from other EHW competitors and puts us in a position to win awards



Our team is also diverse in skillset with a workforce consisting of **10+ different course backgrounds**

Achievements

- **Semifinalists** at the **2019 SpaceX Hyperloop competition** out of **1600** applicants – including **TUM, MIT, TU Delft**, and more
- **Top 25** at **EHW 2020** and participated in EHW 2021, 2022 and 2023

OUR TECH

Innovative Design

This year we aim to develop an improved hyperloop pod, building on top of last years technology. We also aim to be the first English team to demonstrate our technology at the European Hyperloop Week this year in Gröningen, Germany.

We are using 4 EDDs (Electro-dynamic Discs), 2 EDWs (Electro-dynamic Wheels) and a split track design to provide **lateral stability and guidance.**

“**EDDs** and **EDWs** are permanent magnet arrays which rotate at high speeds, creating a moving magnetic field, generating a repulsive force on the aluminum tracks providing both propulsion & levitation



Engineering Change

- AGILE approach – early manufacturing and further in-depth testing.
- Incorporating further safety measures in control systems, such as watch dogs.
- Pod Cover made from Carbon-Fibre



EUROPEAN HYPERLOOP WEEK (EHW)

1

The European Hyperloop Week (EHW) is an **international event** dedicated to the development of the Hyperloop System, taking place in Groningen in 2025.

2

University hyperloop teams will present their **prototype components and full scale pods** to a technical jury and compete in several categories.

3

Guest speakers from the **most advanced hyperloop companies** share their insights on technology, implementation strategies, and progress.

4

Success in the EHW gives us the opportunity to **influence the course of transportation technology** and implementation for decades to come!

AWARD CATEGORIES

- Complete Pod Award
- Electrical Subsystem Award
- Mechanical Subsystem
- Award Full-Scale Awards
- Propulsion Subsystem Award
- Levitation Subsystem Award

EHW 2024 STATS

- 1000+** Event Attendees
- 24** University Teams
- 10+** Countries
- 20+** Technical Jury

WHO'S CURRENTLY INTERESTED IN HYPERLOOP?



euroTUBE



hyperloop

NEVOMO

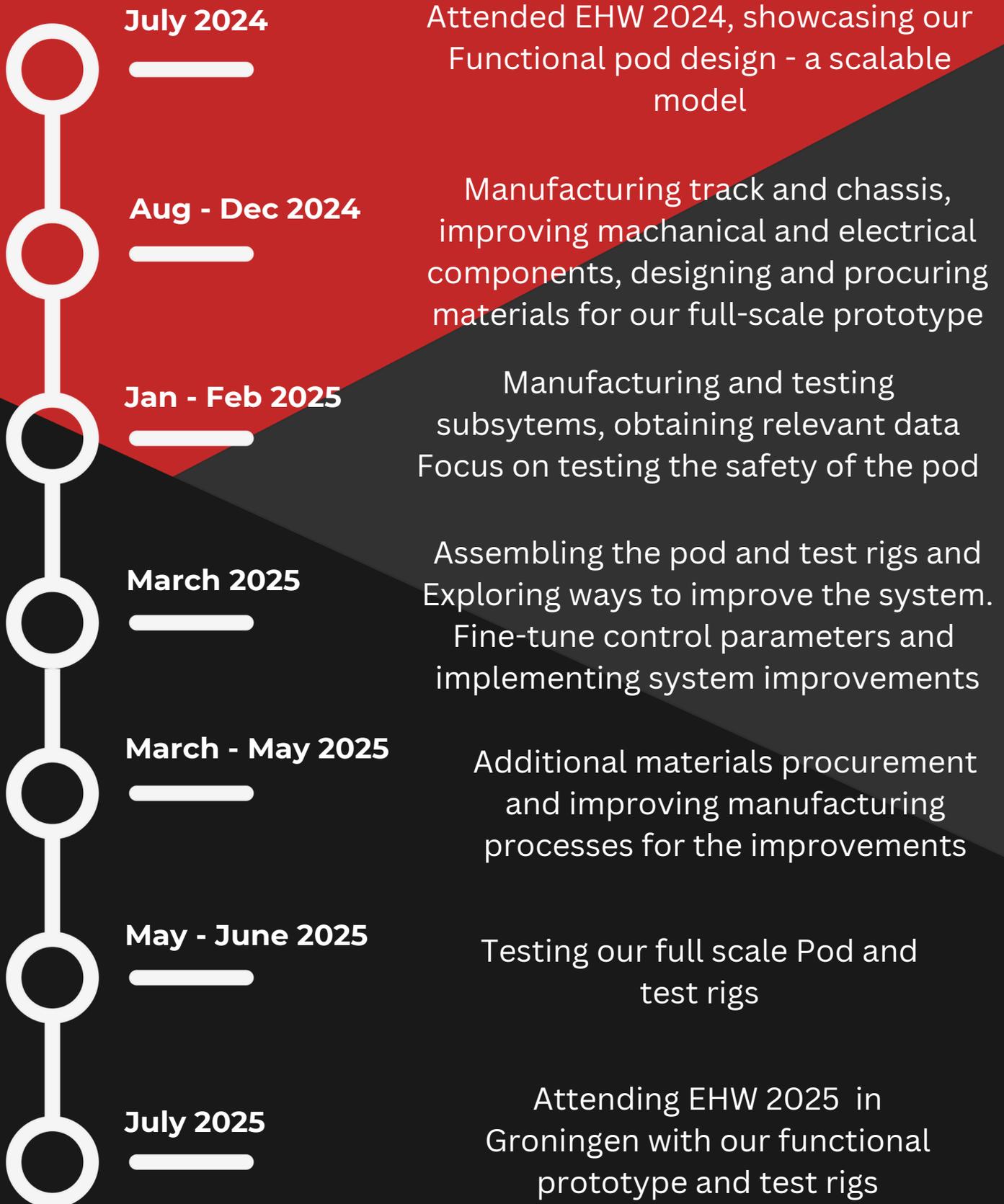


WURTH
ELEKTRONIK



AECOM

PROJECT TIMELINE



Above is a simplified version of our timeline. We are currently on-track for our targets.

BENEFITS OF PARTNERING WITH US



1. International Brand Exposure

- Increased **brand exposure** through both our online and offline channels given EHW's global nature.
- Your **logo will be displayed** on our social media and hyperloop pods.



2. Talent Screening

- Our talented engineers are equipped with first-hand experience working with innovative technologies.
- We offer **you** the opportunity to **recruit our top talents**.



3. Making an Impact

- The Hyperloop was designed to contribute to global net-zero goals, and **accelerate multiple social goals**.
- Enhance your image as a **corporate citizen** that contributes to advancement of society.

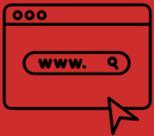


4. Future Partnership Opportunities

- As Warwick Hyperloop evolves, we intend to **keep all our partners engaged** in the **long-term**.
- Our final goal is to become a **start-up**, which other hyperloop teams have shown to be possible.



CONTACT US



Website

www.warwickhyperloop.com



Instagram

[@warwickhyperloop](https://www.instagram.com/warwickhyperloop)



LinkedIn

www.linkedin.com/company/warwickhyperloop/



Facebook

[@warwickhyperloop](https://www.facebook.com/warwickhyperloop)



Email

team@warwickhyperloop.com



Contact number

+44 7484 838859