

## ABOUT AGRATAS

**Agratas is Tata Group's new global battery business:**



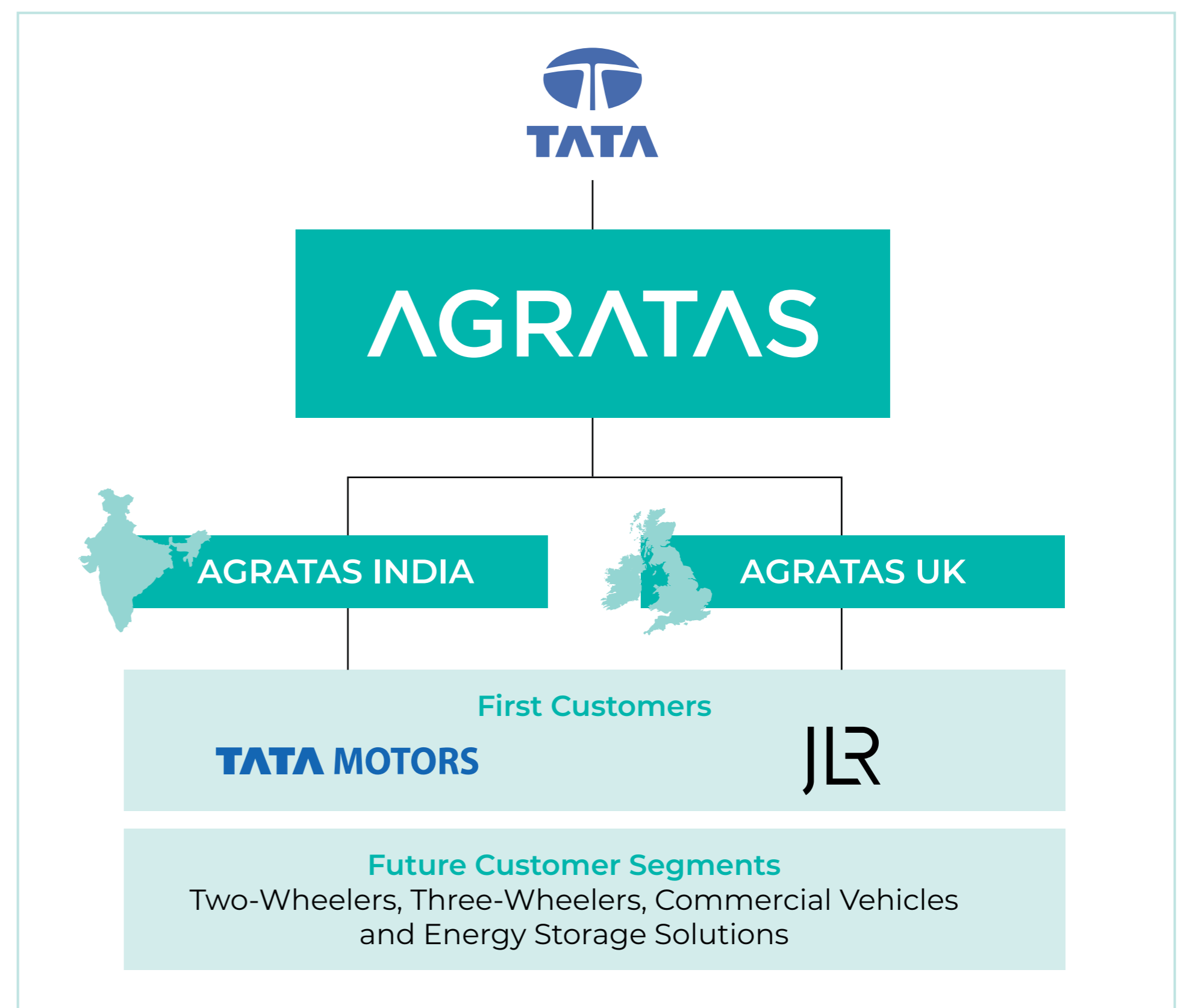
created to design, develop and manufacture high-quality, high-performance, sustainable batteries



serving customers across different industries both within and outside of the Tata Group



with battery facilities being constructed in the UK and India



“Agratas is bringing state-of-the-art technology to Somerset, helping to supercharge Britain's transition to electric mobility whilst creating thousands of jobs in the process.”

Tom Flack, CEO, Agratas



Main entrance from south west corner (artist's impression)

## THE AGRATAS WAY

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### OUR PURPOSE

Pioneering Power for  
Future Generations

### OUR VISION

Clean, green, sustainable  
battery solutions; every  
market, everywhere

### OUR MISSION

World-class teams  
delivering best-in-class  
technologies

## OUR CULTURE

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### Be curious, be challenged, be you

Be curious about the world  
around us, challenge yourself  
and others to go the extra  
mile, and, most importantly,  
be authentic, be you.



### Care for everybody, today and tomorrow

Consciously look after our  
people, our partners, our  
planet, supporting others  
and ourselves.



### Deliver together, with urgency

Together we are greater  
than the sum of our parts.  
We rely on each other to  
deliver our purpose.



### Own it

We believe in the power of  
owning it, our successes  
and frustrations. We are the  
pioneers. Let's be ambitious.

## CONTEXT

1

The Gravity Smart Campus site used to be home to the Royal Ordnance Factory Bridgwater. For over sixty years the site provided employment through both wartime and peace.

2

This is Gravity Ltd acquired the site in 2017 and it was designated an Enterprise Zone, encouraging business investment.

3

The link road opened in 2021, providing new road infrastructure to unlock growth.

4

Somerset Council adopted the Gravity Local Development Order in 2022, establishing a fast-track planning regime to enable delivery.

5

In February 2024 Agratas confirmed purchase of 308 acres of the Gravity site. We're looking forward to continuing to work closely with partners to progress our battery cell manufacturing facility.

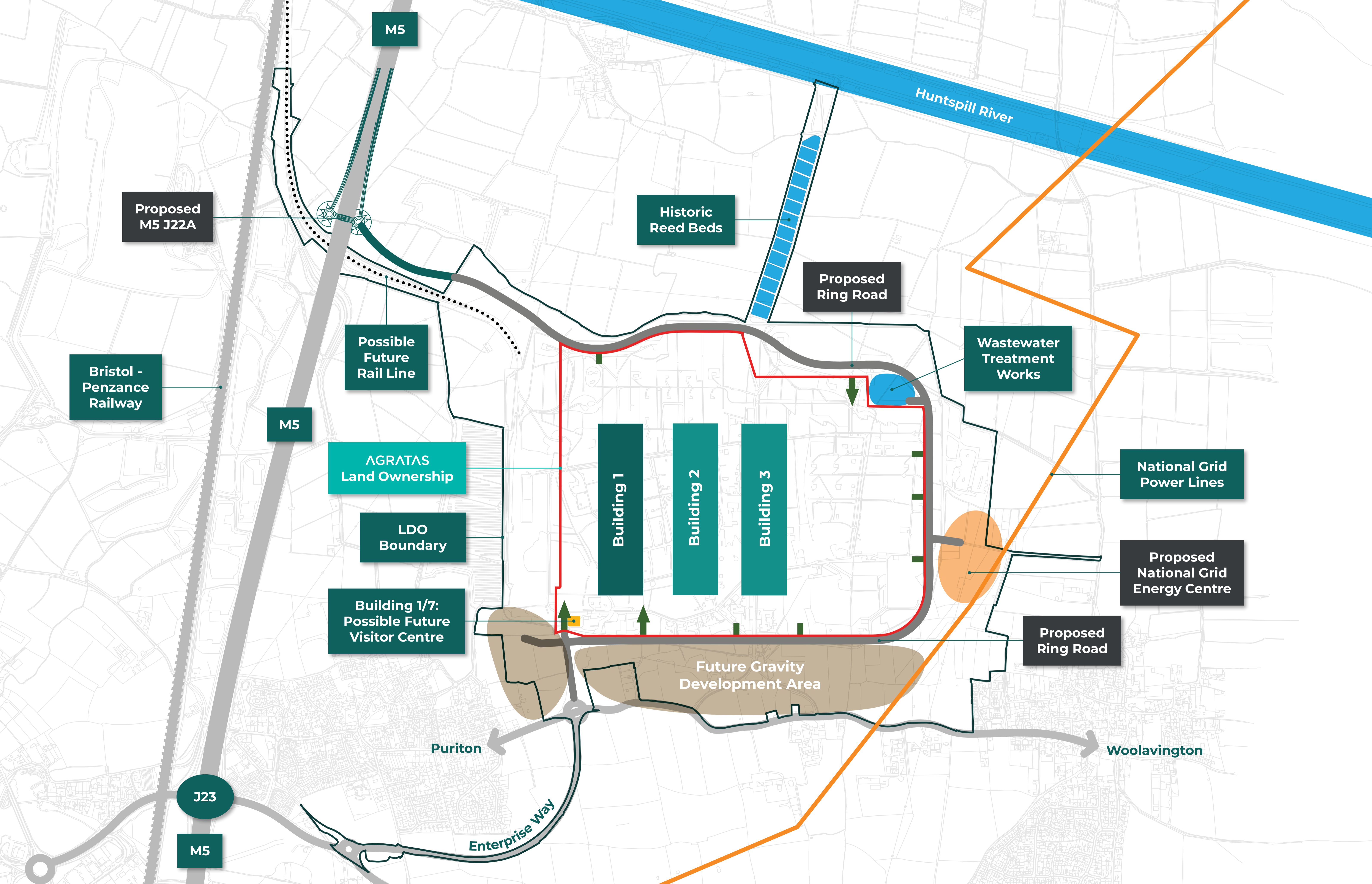


Photographs courtesy of South West Heritage Trust



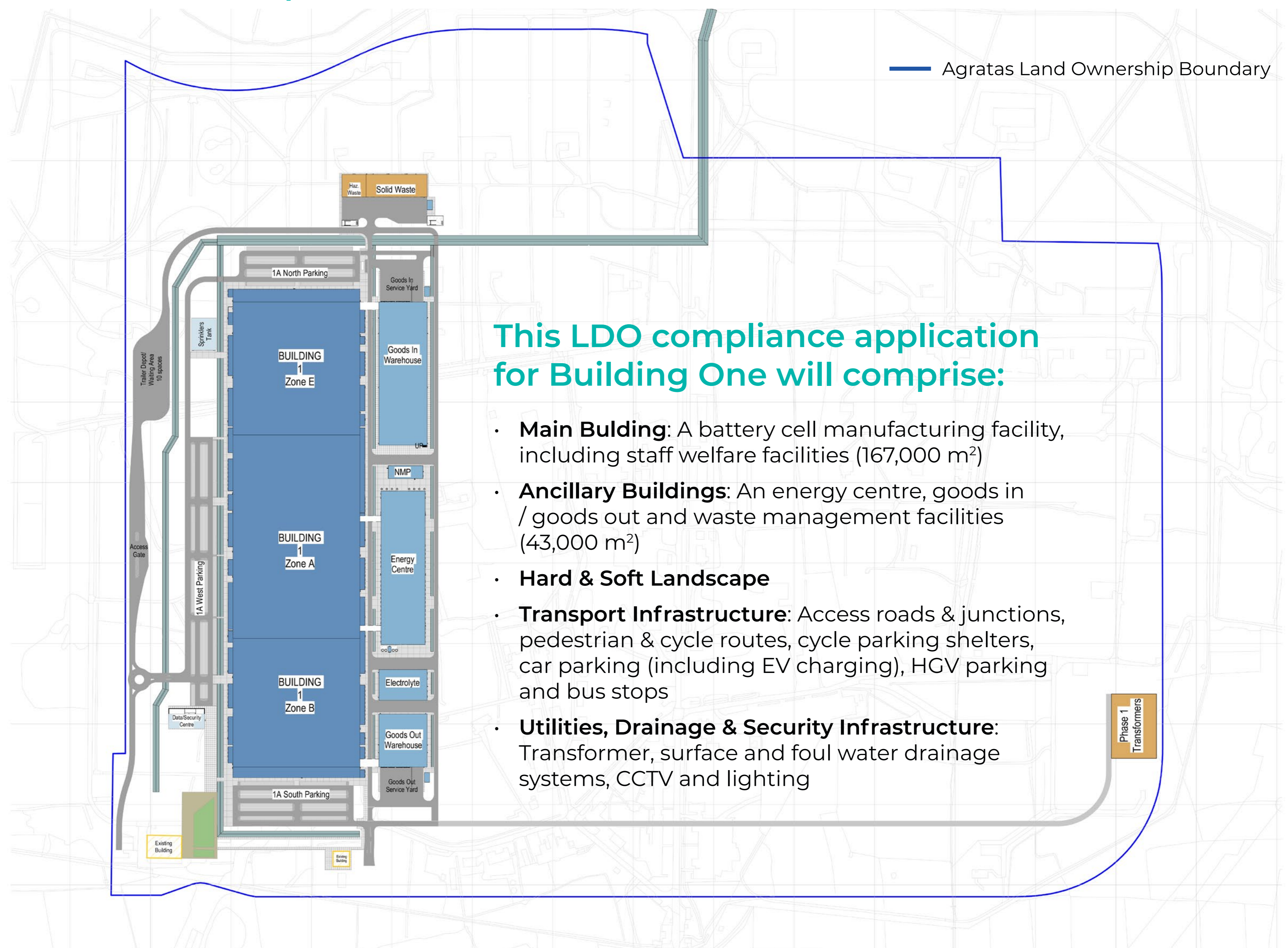
Image taken April 2024





# OUR FIRST LDO COMPLIANCE APPLICATION - BUILDING ONE

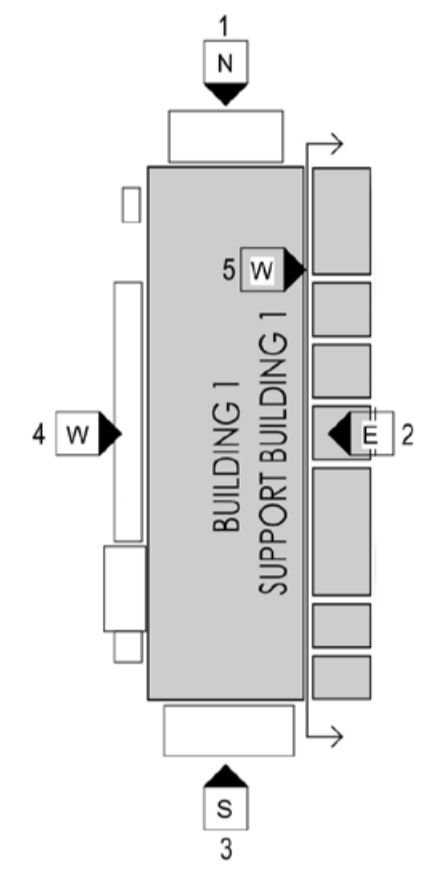
## Illustrative Masterplan



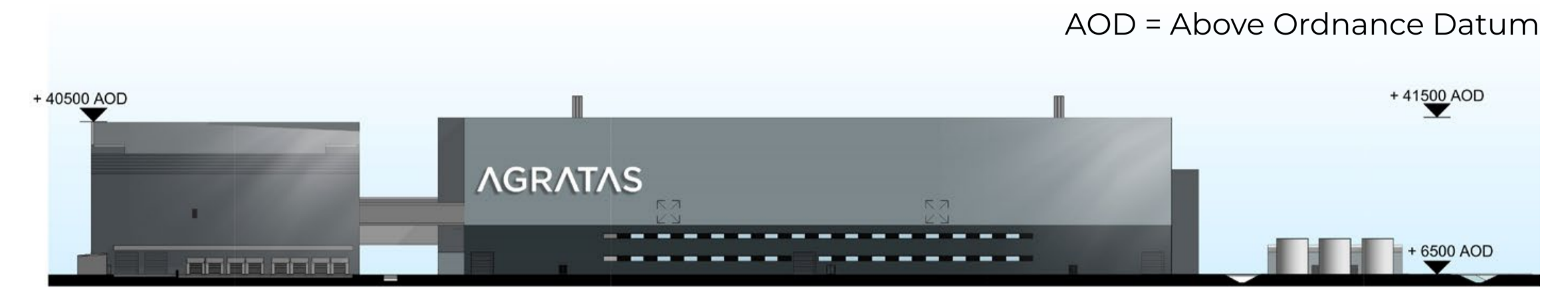
## LDO Design Principles Compliance

- Building heights within the approved LDO parameters of up to 35m (ranging between 20m – 35m)
- Tallest element located towards the northern part of the site away from the villages
- Landscape on the south west corner creates a positive relationship with Puriton
- Principle of efficient use of land adhered to with Building One sitting in the south west corner, bounded on three sides by internal site roads
- Security integrated within the masterplan in line with key LDO design principle
- Masterplan designed to create safe cycle and pedestrian routes and connections, separated from HGV and general traffic routes
- Bus routes and stops to serve building access points
- Environmental Colour Assessment undertaken to ensure the colour of Building One integrates into its local context
- Colours and materials chosen to ensure Building One responds to the local context
- Surface water drainage system including open rhynes integrated into the landscape
- In line with the LDO Clean & Inclusive Growth Strategy Building One will adopt an advanced 'fabric first' approach and highly efficient building services
- The design carefully balances reducing heat loss in winter (to reduce heating demands) and removing heat in summer (to reduce cooling demands)

# ARCHITECTURAL DESIGN FOR BUILDING ONE



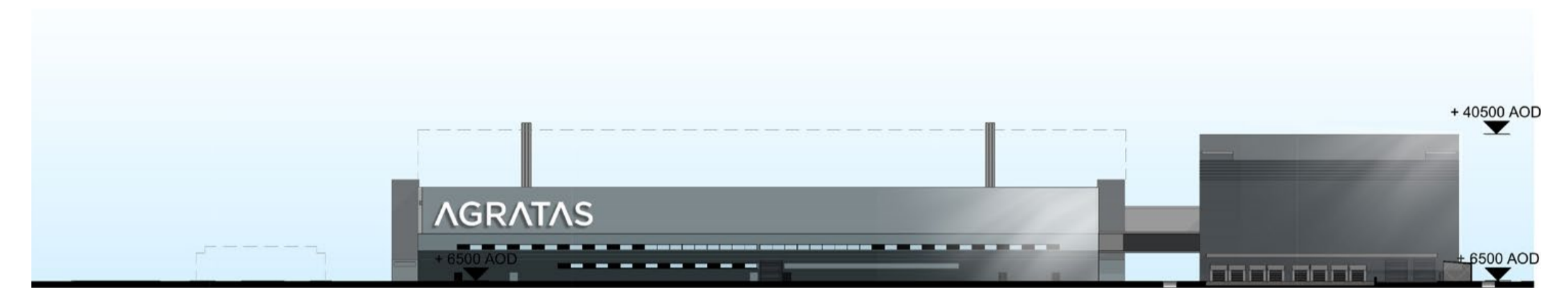
Key Plan



GA - North Elevation



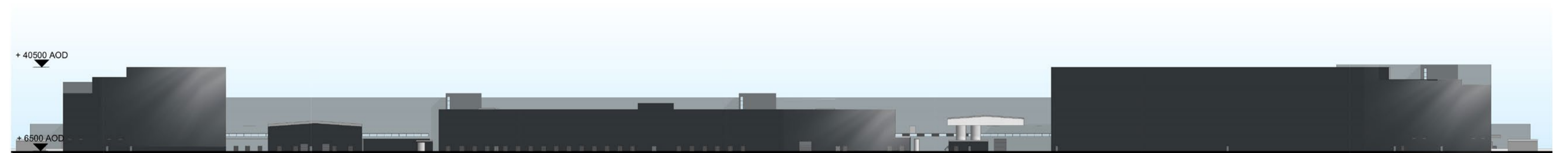
GA - East Elevation



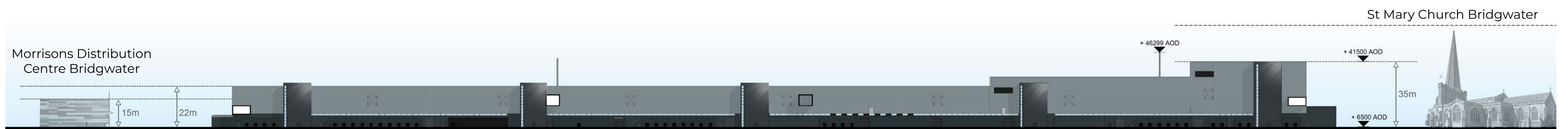
GA - South Elevation



GA - West Elevation



IS - GA West Elevation



East Elevation height context



Northern Elevation of Building One (artist's impression)

# LANDSCAPE MASTERPLAN FOR BUILDING ONE

A set of site specific Landscape Design Principles have been developed for Building One with direct reference to the adopted LDO Design Principles

## LANDSCAPE DESIGN PRINCIPLES

### Simplicity

- Design efficient and functional external spaces and elements which are responsive to and compliment the main buildings' design

### Sense of Place

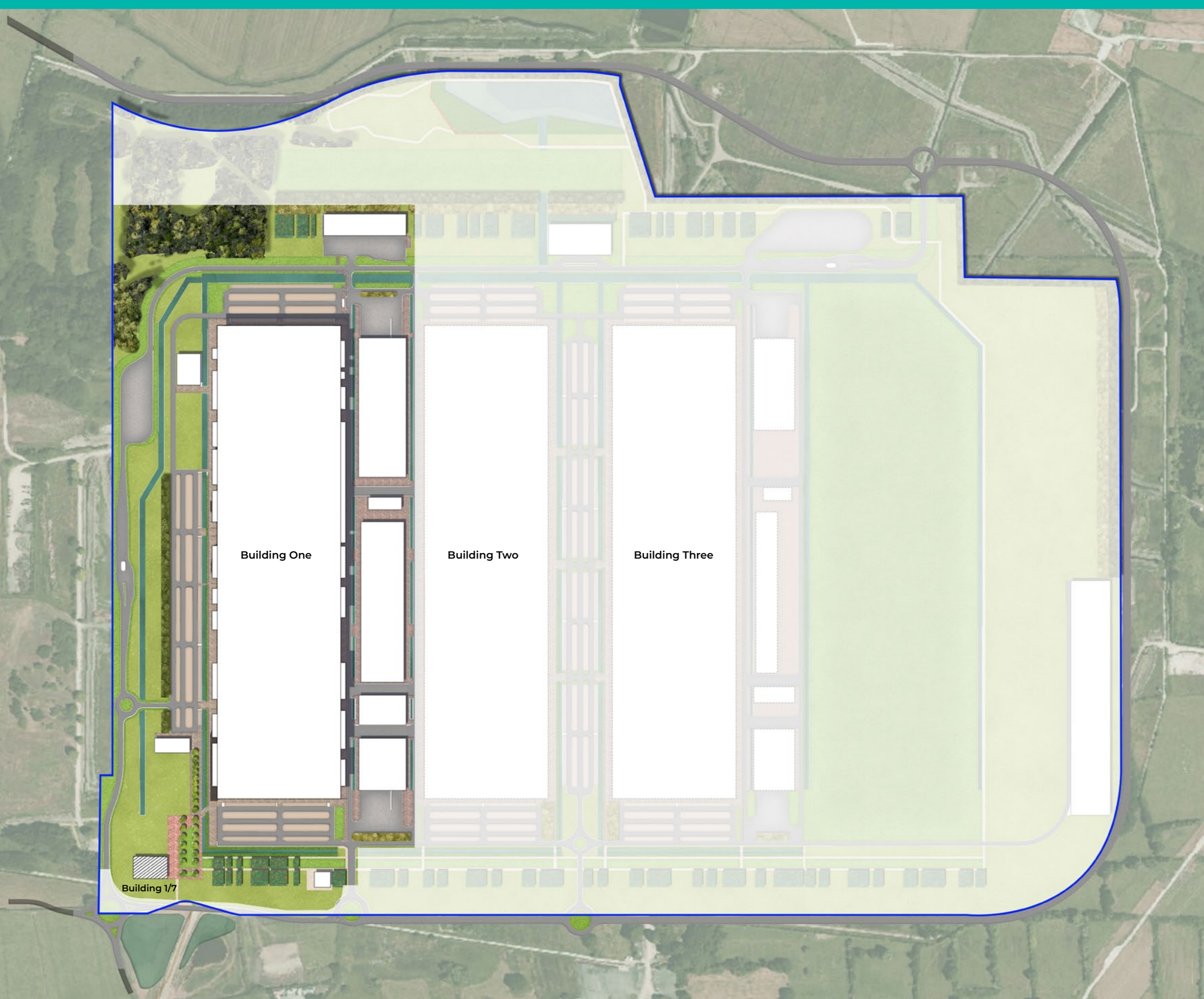
- Recognise prime spots on the site where paths meet and create vibrant hubs of activity
- Maximise opportunities to improve user well-being and enhance their experience

### Scale

- Create a landscape design that complements the existing structures and layout of the site facilities
- Ensure the site design is responsive to the wider Gravity LDO development and local landscape character

### Sustainability














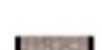


- Contributing to carbon storage through the implementation of green infrastructure
- Robust selection of planting species that are climate change resilient
- Deliver a framework of biodiversity and ecological features that are responsive to the scale and surrounding local context



-  Agratas Parameter Boundary
-  Proposed Building Facilities
-  Proposed Watercourse
-  Existing Woodland Plantation Retained
-  Proposed Individual Trees
-  Proposed Woodland
-  Native Scrub
-  Willow Scrub
-  Species Rich Grassland
-  Amenity Grass
-  Reed Beds
-  Primary Footway Surface Material
-  Secondary Footway Material
-  Tertiary Footway Surface Material
-  Permeable Surface Material
-  Road



## LANDSCAPE MASTERPLAN FOR BUILDING ONE

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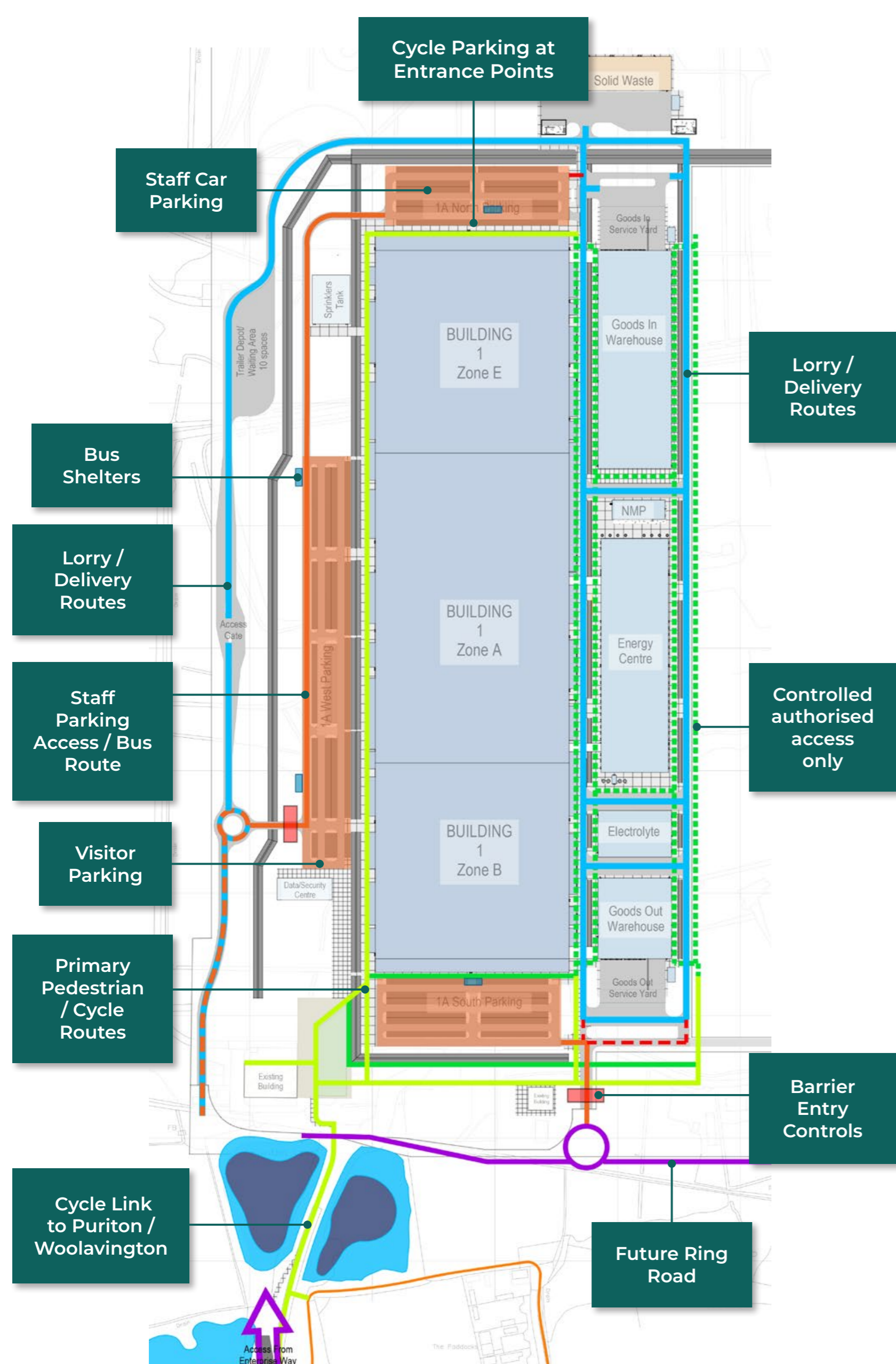
# TRANSPORT

The Gravity LDO aims to deliver sustainable and resilient accessibility for the site through an established framework for access and movement. For Building One, we intend to deliver a package of transport measures to make it easier to get to the site by all means of travel, and to reduce the impact on the highways network. Our focus is on sustainable travel measures to comply with the LDO parameters and compliance requirements. These will be designed to support the shift patterns that will operate at Agratas.

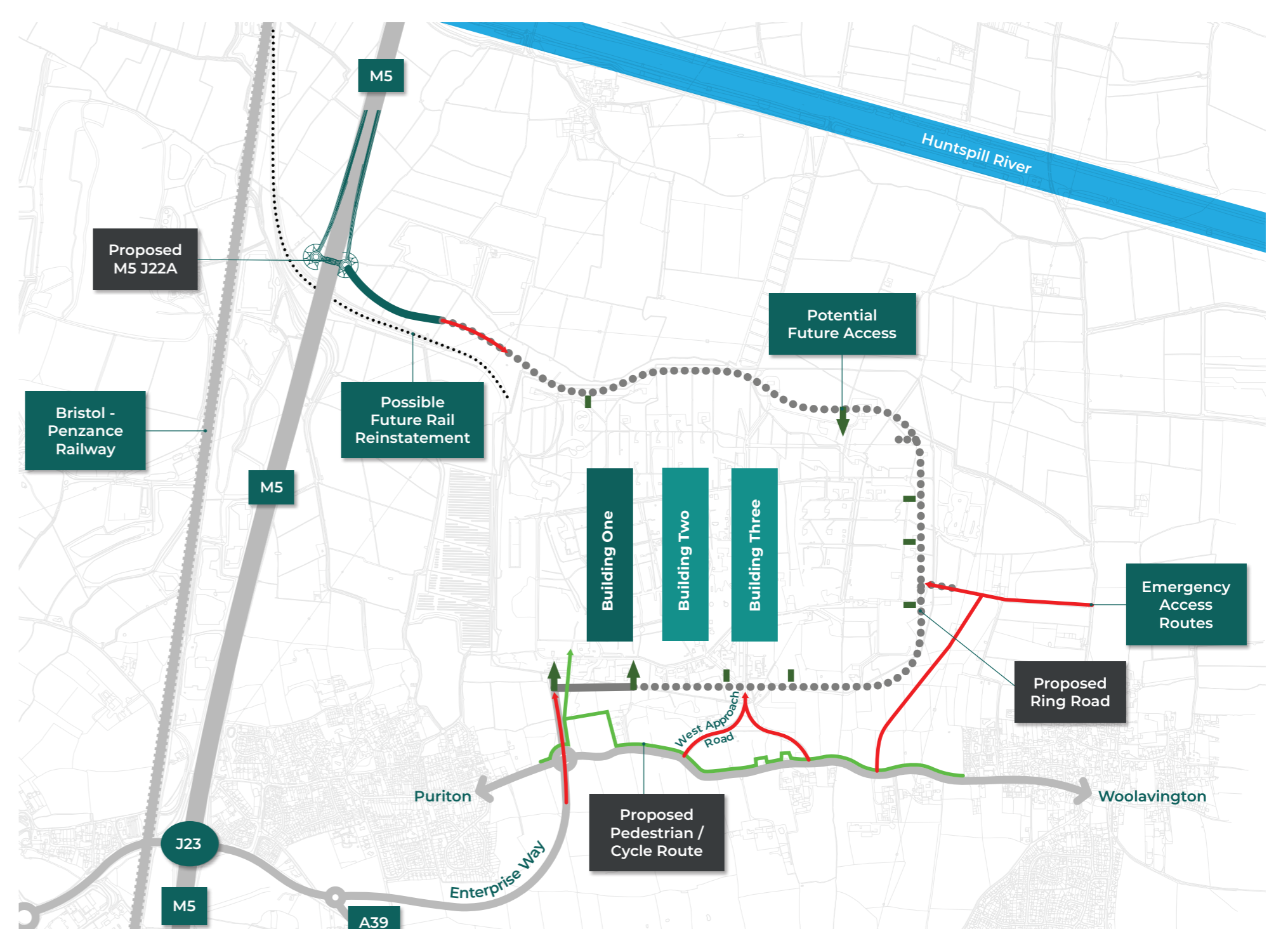
## Building One Sustainable Travel Measures

- Segregated routes for pedestrians and cyclists
- Connection to Puriton-Woolavington pedestrian and cycle route
- Bike-to-Work scheme support
- Secure, covered cycle parking
- Showers, lockers and changing/drying areas
- Safe crossing points
- Electric vehicle charging
- Car share scheme with parking closer to access points
- Shuttle bus services based on shift and location needs
- Travel apps to support flexible travel initiatives

## Building One Transport Proposals



## Building One and Future Phase Access Proposals



## Access and Movement

- Building One access via Enterprise Way
- Construction traffic via Enterprise Way and West Approach Road
- Future Phases also access via proposed Ring Road and J22A

# SUSTAINABILITY

Our sustainability checklist for Building One is guided by the following principles, in line with LDO requirements



Building and operating a facility like this demands high levels of power

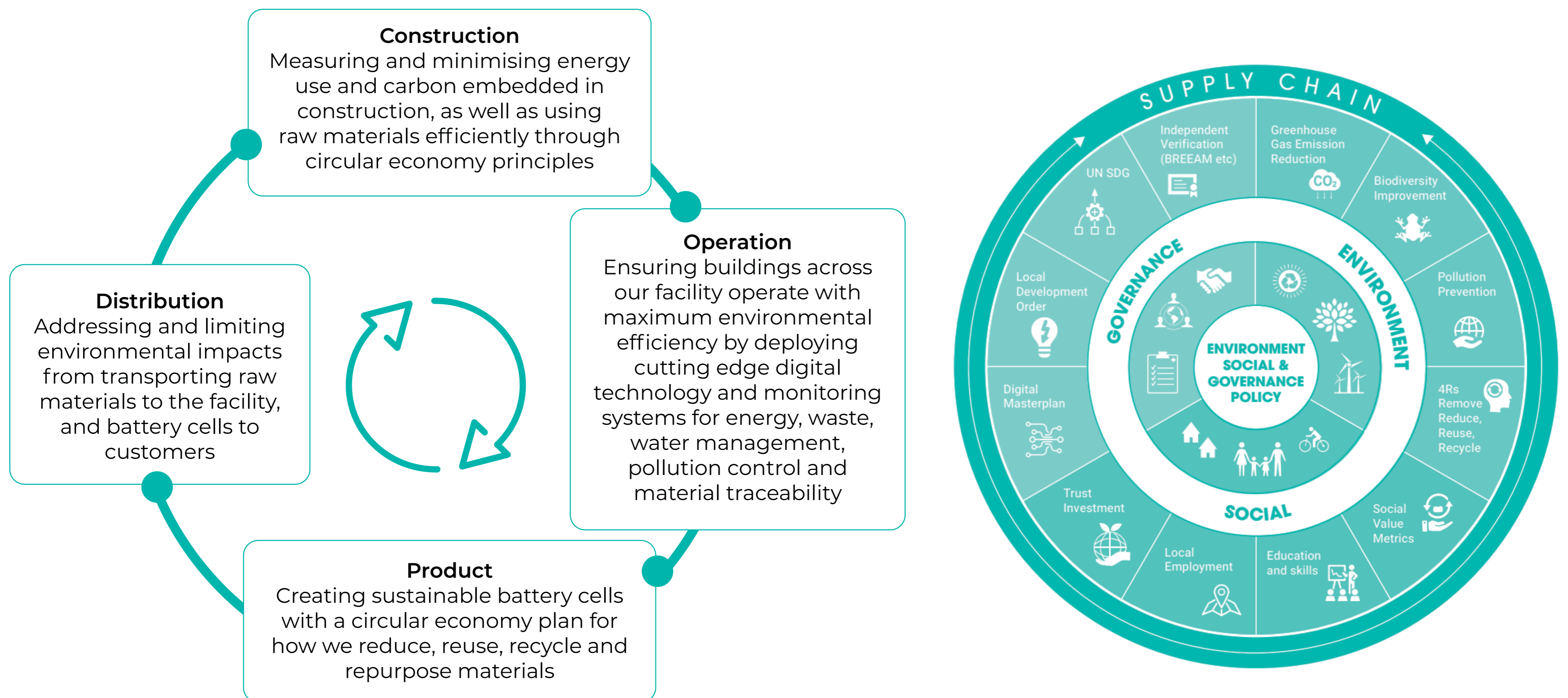


We are focused on enhancing our sustainability performance to reduce impact





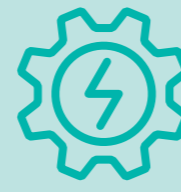



This will include using up to 100% low or zero carbon energy once the facility is operational

## How we will reduce our impact



## What we're doing now

-  Appointing an expert team of consultants to peer review our sustainability framework
-  Aligning our strategies and sustainability approach with our first UK customer, JLR
-  Setting out sustainability requirements in supplier contracts
-  Investigating partnerships with leading sustainability service experts
-  Establishing a dedicated sustainability workstream for the construction phase
-  Continuing to challenge and test our approach, learning and enhancing our performance and standards as we develop and operationalise our facility

## INSIDE THE AGRATAS BATTERY FACILITY

### What will be produced at the Agratas battery facility?

In our world-class facility, Agratas will design, develop and manufacture high-quality, high-performance, sustainable battery cells.

Each building will contain three lines in which battery cells will be produced.

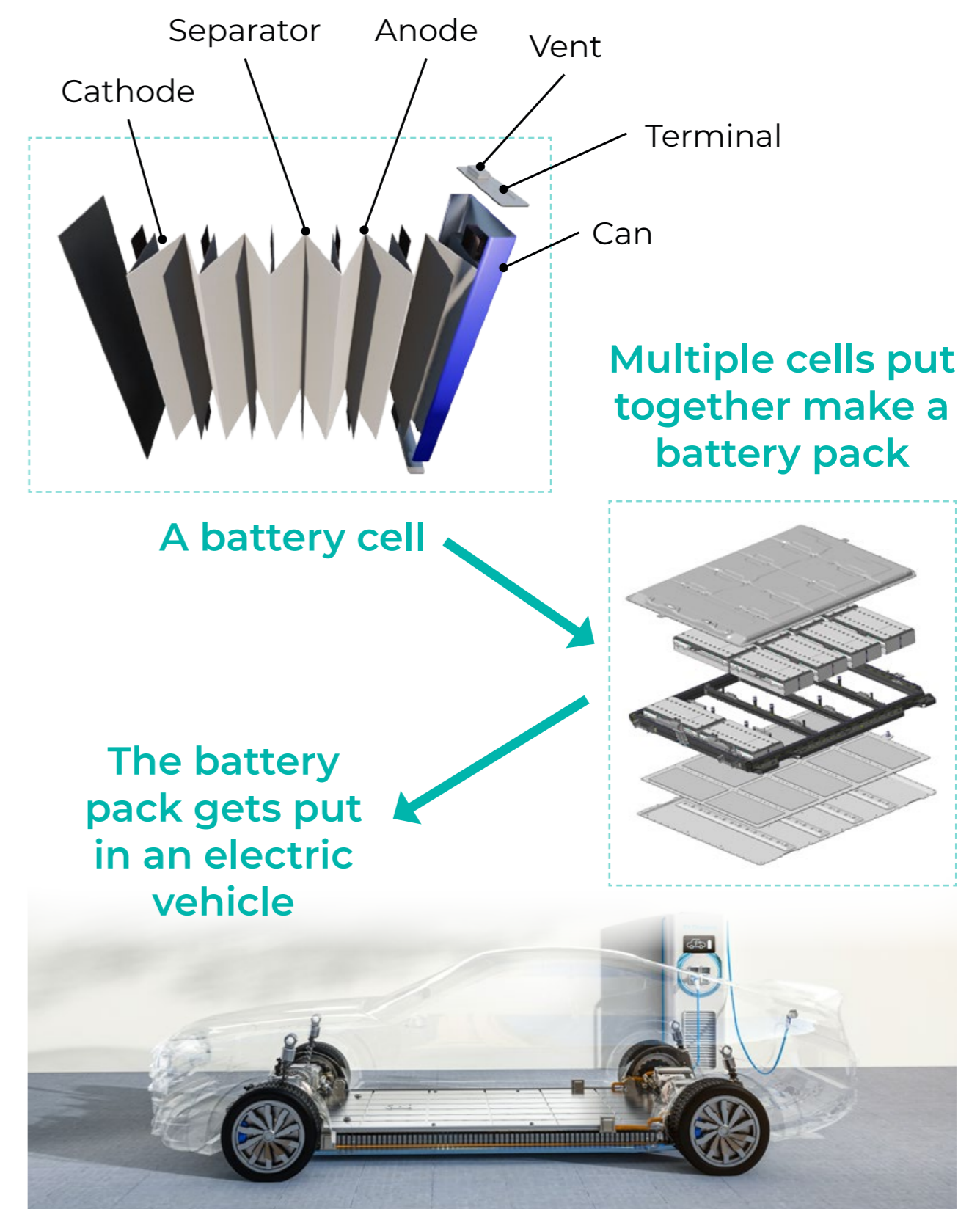
These cells will be used by customers in the mobility sector (e.g. for electric vehicles) and for energy storage.

### What is a battery cell?

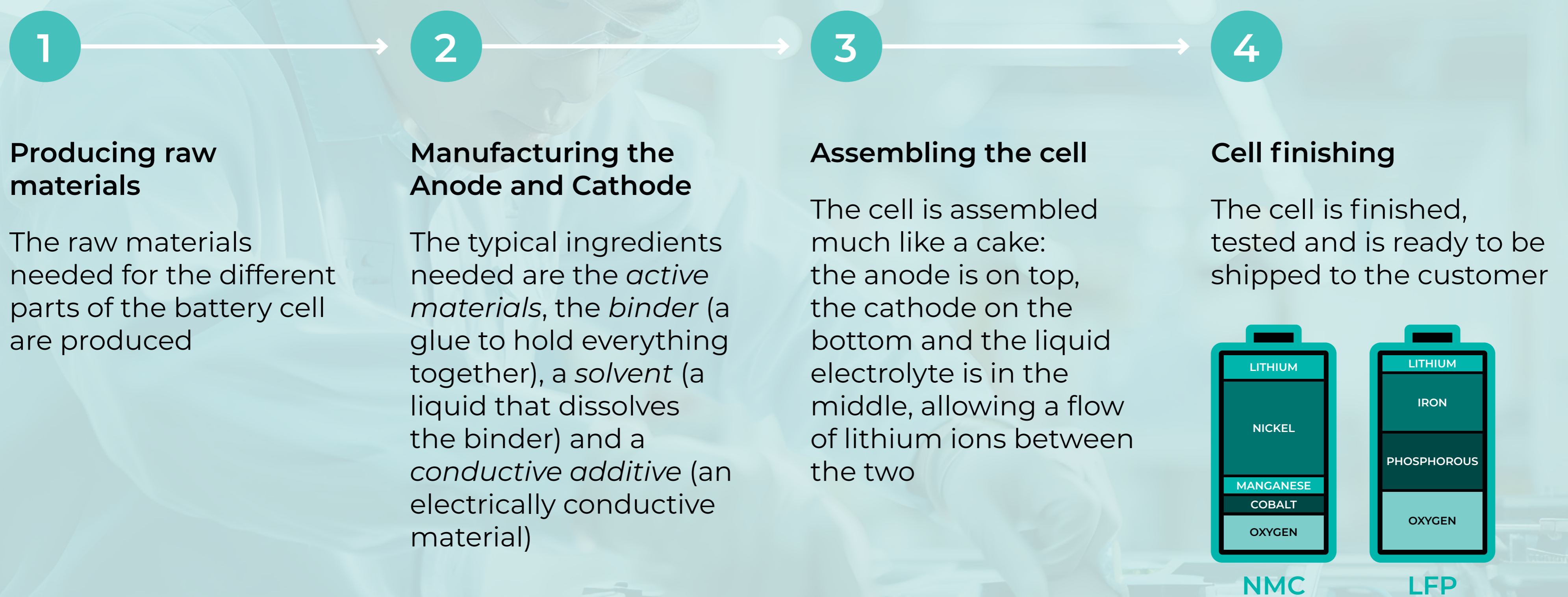
Battery packs like those you'd find in an electric vehicle are made up of many battery cells.

Each cell is made up of a **positive electrode** called the **cathode**, and a **negative electrode** called the **anode**, that are physically separated by **separator** and are all soaked with a liquid solution called **electrolyte**.

Initially, the cells that we will produce are **high energy density NMC cells** and **long-lasting LFP cells**. You can see the process of how we produce a battery cell and what happens next opposite:



## HOW IS A BATTERY CELL MADE?



Agratas is also introducing processes to ensure materials are reused, recycled, and recovered back into production at the end of a battery cell's life

## JOBS & SKILLS

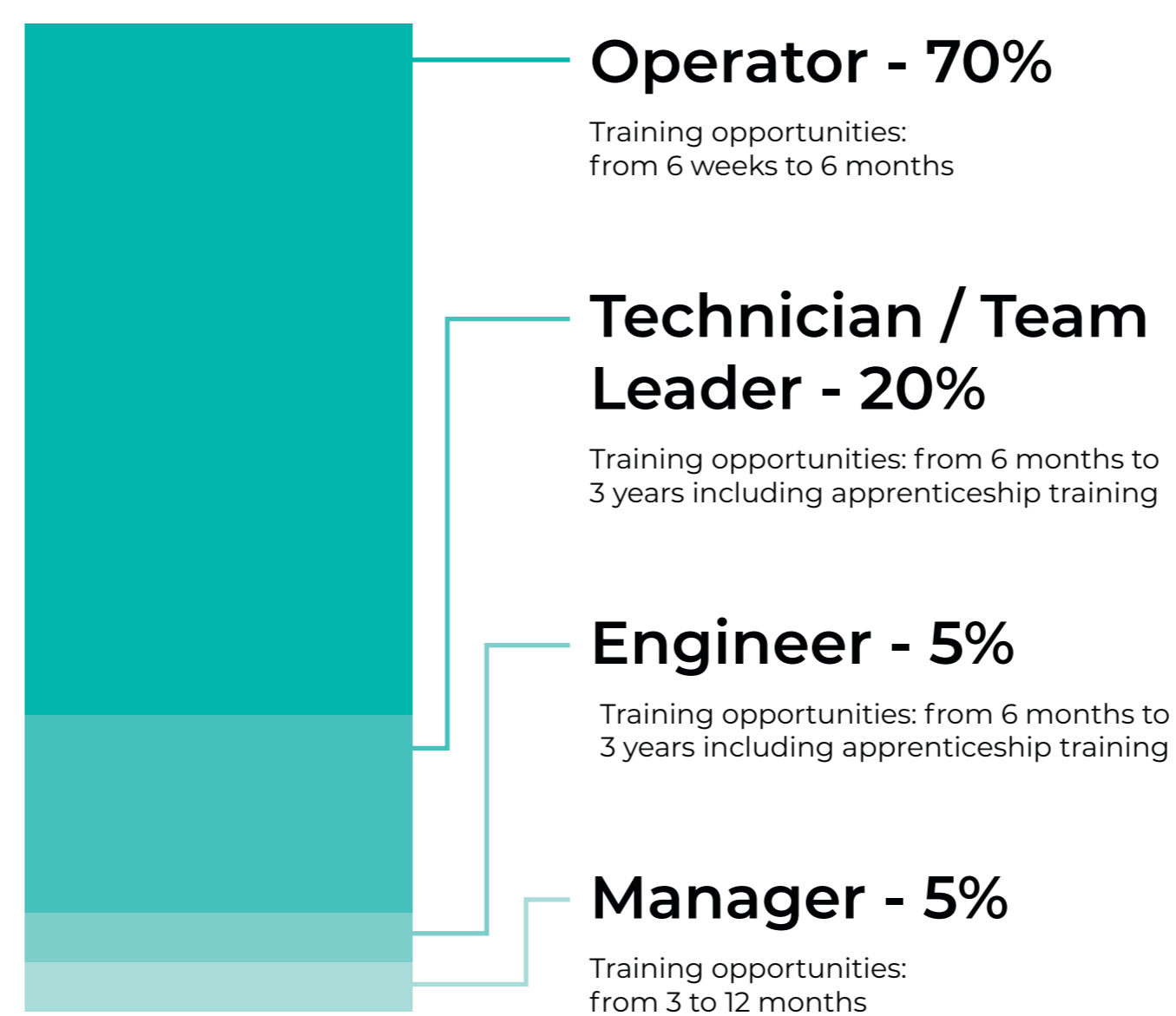
Register  
your interest  
for a career  
at Agratas



We are excited about the opportunity to create up to **4,000 jobs** at our **UK battery cell manufacturing facility**, with thousands more expected across the supply chain.

In addition to a mix of operational roles and training there will be up to **150 opportunities** on site within areas such as **HR, Finance and IT**.

### Mix of operational roles across all buildings



### Our current partners...



...with more to follow.

## OUR PRIORITIES

In line with the LDO Skills Charter



### Local-first

We are adopting a local-first approach to recruitment, working with our partners to upskill and train the local community



### Employment and Skills Plan

We are at the early stages of working with Bridgwater & Taunton College to develop a workforce and skills development programme



### Expertise

Given some of the specific needs for our advanced manufacturing facility, we also expect to bring in some specialist skills from across the world



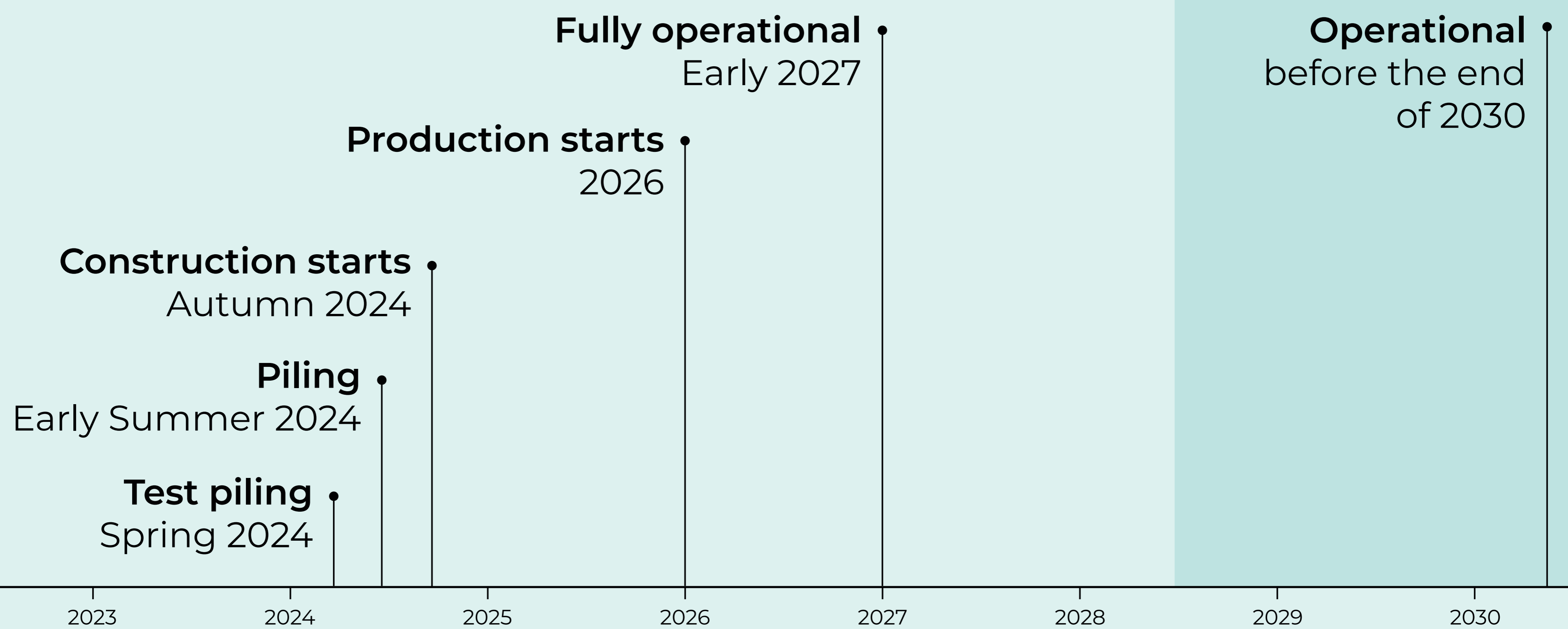
### STEM development

We will work with our partners to develop a curriculum to increase the level of STEM skills locally, including increasing advocacy for women and under-represented groups in STEM

# PHASED APPROACH TO CONSTRUCTION & RECRUITMENT

## CONSTRUCTION TIMELINE

### Building One



## RECRUITMENT TIMELINE

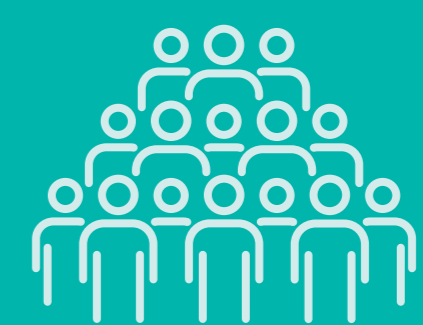
Jobs on site increase over time in a phased approach, aligned to our industrialisation timeline



**Building One:**  
1,400 jobs when fully operational



Demand-led scale-up phase



Full capacity by the end of 2030 with up to 4,000 jobs

2025

2026

2027

2028

2029

2030

## AGRATAS

We're creating jobs for people like...

### Ellie

**MACHINE OPERATOR,  
WORKING IN THE FACILITY**

Ellie has returned from a career break following her second child and with experience working in the industrial sector, she completed Agratas' battery training programmes which gave her the knowledge and confidence needed to work within the cell manufacturing process.



## AGRATAS

We're creating jobs for people like...

### Maria

**PRODUCTION MANAGER**

Although she had never worked with batteries before, Maria had five years of experience in a leadership role and was qualified to degree level before she joined Agratas. Agratas' training programmes gave her the skills she needed.



## AGRATAS

We're creating jobs  
for people like...

### Nazmul

**MAINTENANCE  
ENGINEER**

Nazmul has not worked in the battery sector before, but he had an NVQ Level 3 in Mechanical Engineering and has taken part in Agratas' training programmes. He is now a part-time maintenance engineer, allowing him quality time to spend with his young children.



## AGRATAS

We're creating jobs for people like...

### Alice

**ELECTRICAL MAINTENANCE  
TECHNICIAN**

Alice joined Agratas with an engineering apprenticeship. She also had experience in manufacturing. Agratas' six-month training programme gave her the knowledge she needed for a fresh career in a new and exciting sector.



## AGRATAS

We're creating jobs for people like...

### James

#### QUALITY TECHNICIAN

With a year and a half of quality experience working in the service sector, James joined Agratas with a Higher National Certificate and undertook training with Agratas.

## AGRATAS

We're creating jobs for people like...

### Verrin

#### LABORATORY TECHNICIAN

Verrin had worked in the energy sector in the past, but not with batteries. So, with an L3 qualification and quality experience, she joined Agratas as a Laboratory Technician.

## AGRATAS

We're creating jobs for people like...

### Hattie

#### APPRENTICE

Hattie didn't know that she could work so close to where she grew up, and she didn't know a lot about the battery sector either, but she was keen to learn. So, after she finished her GCSEs, she joined Agratas' battery apprenticeship.

## AGRATAS

We're creating jobs for people like...

### David

#### HR MANAGER

Although David had only ever worked in retail, he had experience in HR and leadership, making him a great fit for the HR Team.



# SITE SAFETY

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Managing risks to keep our employees, the local community and wider environment safe is integrated into all our systems and processes across our business, through the construction of our battery facility, and during its operation.



## HOW WE'RE MANAGING RISK

Whilst some of the essential chemical ingredients of battery cells have hazardous properties, we have a clear policy in place that sets out our safety principles, including what our employees and the local community can expect from Agratas, and what we require of everyone who works with us. This includes the operations surrounding transporting materials into our facility, processing them on site, and transporting them back out of the site.

### Skills and experience

We will employ qualified people with the right experience to manage our operations with care. They will equip all colleagues with the skills, training and knowledge needed to work safely at our facility

### Monitoring

Our processes will be monitored and controlled 24 hours a day. We will be immediately alerted of any changes and can safely stop any equipment if needed

### Storage

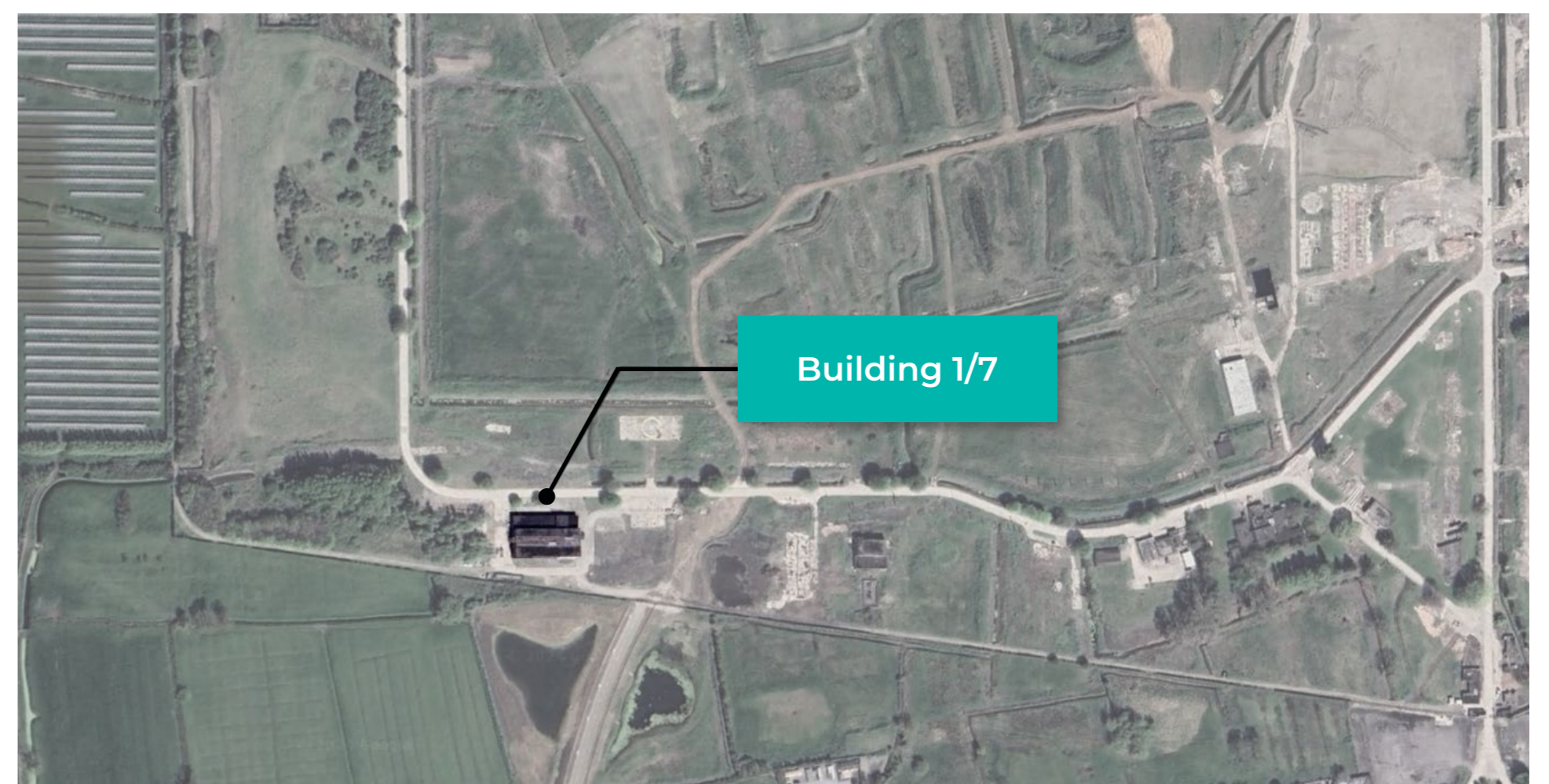
Materials will be stored in purpose-designed packaging and containers, and will only be transported to the site by qualified logistics partners

### Incident Response

We are working with key stakeholders to develop a plan for any potential incidents that could occur on site. This will be reviewed regularly to ensure that it remains the most effective way to keep our colleagues and the community safe.

# BUILDING 1/7: POSSIBLE ON-SITE VISITOR CENTRE

- Building 1/7 is one of the original buildings on the site
- The intention for the building is to provide an on site visitor centre in addition to a shared workspace and social hub for Agratas colleagues
- The visitor centre will have event space for up to 100 people and a roof terrace with a viewing platform overlooking the site
- The plans will ensure a high-quality building and aesthetic is achieved, whilst also retaining the existing internal character
- A low-carbon building, minimising embodied carbon, that truly reflects our purpose, vision and mission



Entrance Elevation - proposed (artist's impression)

# TATA GROUP



## TATA'S MISSION

To improve the quality of life of the communities we serve globally through long-term stakeholder value creation based on Leadership with Trust

## TATA'S VALUES

### Integrity

We will be **fair, honest, transparent and ethical** in our conduct; everything we do must stand the test of public scrutiny

### Excellence

We will be passionate about achieving the **highest standards** of **quality**, always promoting meritocracy

### Pioneering

We will be **bold, agile** and **courageously** take on challenges, using deep **customer insight** to develop **innovative solutions**

### Responsibility

We will integrate **environmental** and **social** principles in our businesses, ensuring that what comes from the **people** goes back to the people many times over

### Unity

We will invest in our **people** and **partners**, enable continuous learning, and build **caring** and collaborative **relationships** based on trust and mutual **respect**

## TATA'S GLOBAL FOOTPRINT

- » A global business group with 30 companies across multiple industry verticals
- » Over 1 million employees and operations in more than 100 countries
- » 66% of the equity capital of Tata Sons is held by philanthropic trusts
- » Group revenue of over \$150bn and a combined market cap across Tata companies of \$300bn

## THE UK IN NUMBERS

INVESTMENTS

**£19bn\***

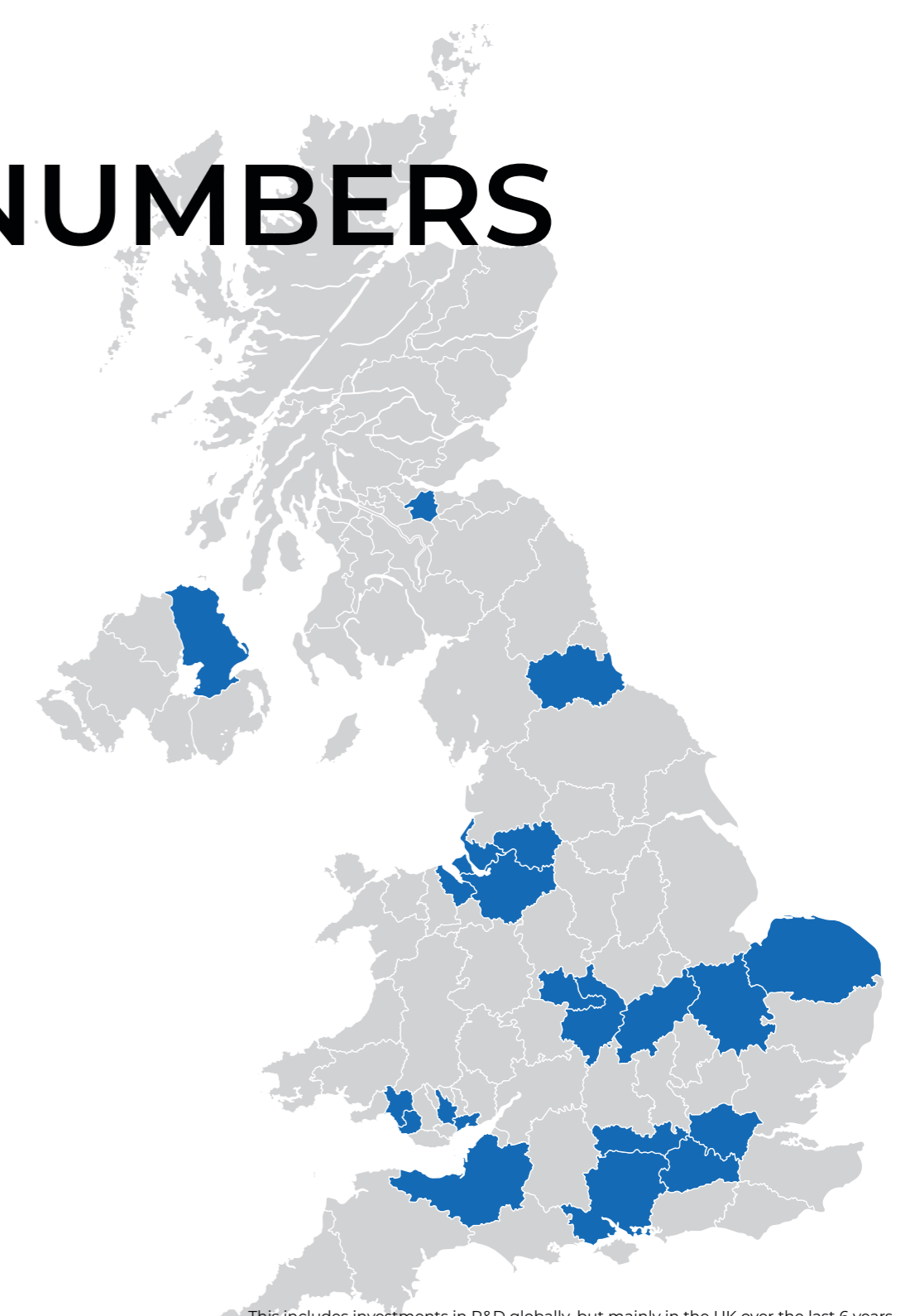
OVER

**60,000**

EMPLOYEES

APPROX REVENUES

**£24bn+**



\* This includes investments in R&D globally, but mainly in the UK over the last 6 years.  
\* This revenue figure includes global exports from JLR. This figure is until end of FY22.

## TATA'S SECTORS



Information  
Technology



Steel



Automotive



Consumer  
& Retail



Aerospace  
& Defence



Tourism  
& Travel



Telecom  
& Media



Trading &  
Investments

## KEEP IN TOUCH

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Whether you are interested in job opportunities or would like to keep up to date with our plans, here are the ways you can stay updated.

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or visit [agratas.net](https://agratas.net)

### Follow us on LinkedIn



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### Jobs & Skills



Register your interest  
for a career at Agradas

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channel in WhatsApp



If you have any questions you can email us at  
[CommunityUK@Agradas.net](mailto:CommunityUK@Agradas.net)