



**SRM**

Data Centres

Sir Robert  
**M<sup>c</sup>ALPINE**

# Data Centres: Delivering critical national infrastructure

Through the McAlpine Group of companies, we can help you to deliver your projects and realise your vision.



## Strategic partnerships to overcome key challenges

- We have access to the world's largest independent renewable business, RES.
- We harbour expertise in planning and development through Capital Ventures and Axis Land Partnerships.
- Our collaborative approach with clients and supply chain partners enables strong, long lasting relationships that help to overcome key challenges.



## Sustainable engineering excellence

- We are committed to reducing carbon emissions.
- Our Net Zero 2045 pathway has been validated by the Science Based Targets initiative (SBTi).
- We were the first Tier 1 contractor to have our entire business certified to the carbon management standard PAS2080.



## Family-owned UK business: longevity, stability and security

- Our reputation is built on more than 155 years of technical excellence and innovation.
- We are proud of our history and of building Britain's future heritage.
- We are the first company in the construction industry to become a national ambassador for the National Cyber Resilience Centre Group.





# At the forefront of industrial growth since 1869



# Capability



**Sir Robert  
McALPINE**

A family-owned building and infrastructure company operating across the UK. Our in-house expertise and equipment provide unique services and tailored solutions that create value for our clients.



**res**

The world's largest independent renewable company. Over 40 years' experience in renewable energy across full project life cycle.



**Sir Robert  
McALPINE**  
Capital Ventures

Entrepreneurial developers and placemakers who create long term value for people, places and projects.



**AXIS**  
LAND PARTNERSHIPS

Land promotion and development company that works with landowners to create places where people want to live, while securing the best value for their land.



Click each logo to find out more



# Sir Robert McAlpine Board



**Neil Martin**  
Chief Executive Officer



**Ed McAlpine**  
Chairman and  
Executive Partner



**Hector McAlpine**  
Executive Partner



**Karen Brookes**  
Chief **People** Officer



**Leighton More**  
Chief **Financial** Officer



**Peter Leonard**  
Executive  
**Commercial** Director



**Andrew Hunter**  
Executive Director  
of **Engineering &  
Technical Services**



**Grant Findlay**  
Executive MD,  
**Buildings**



**Steve Hudson**  
Executive MD,  
**Infrastructure**

# Financial highlights for year ended 31st October 2024

Turnover

**£940.1m**  
2024

Profit before tax

**£10.4m**  
2024

Cash and equivalents

**£143.5m**  
2024

Order book - secured

**£1.3bn**  
2024

# In-house expertise and equipment

Together, our specialist teams provide unique services and tailored solutions that create value for clients.

## McAlpine Design Group



In-house design specialists whose engineering expertise provides clients with innovative, sustainable solutions that save them time, money and resources.

## Plant



Our unique plant department supplies a large range of construction plant and equipment from small power tools to 32 tonne tower cranes.

## McAlpine Lifting Solutions



The team provides clients with complete lifting, access and logistics solutions which can make all the difference to the success of a project.

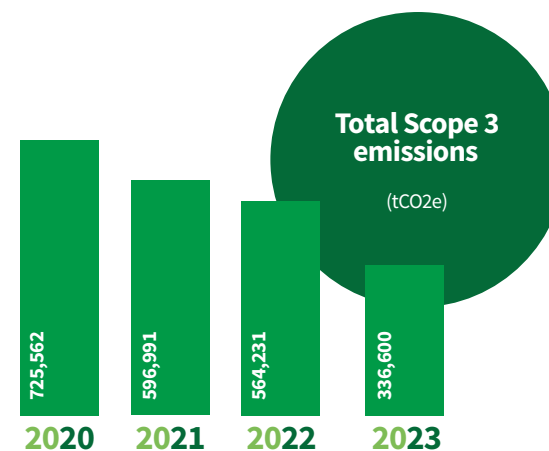
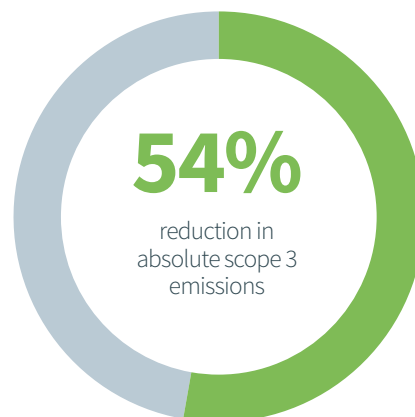
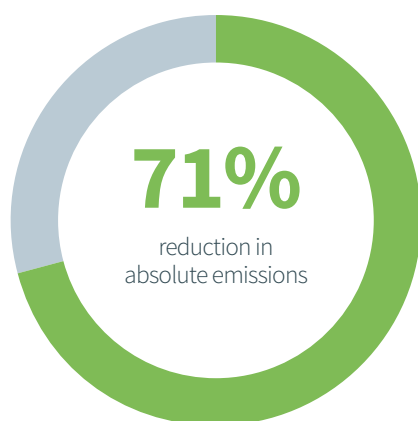




# Sustainable engineering excellence

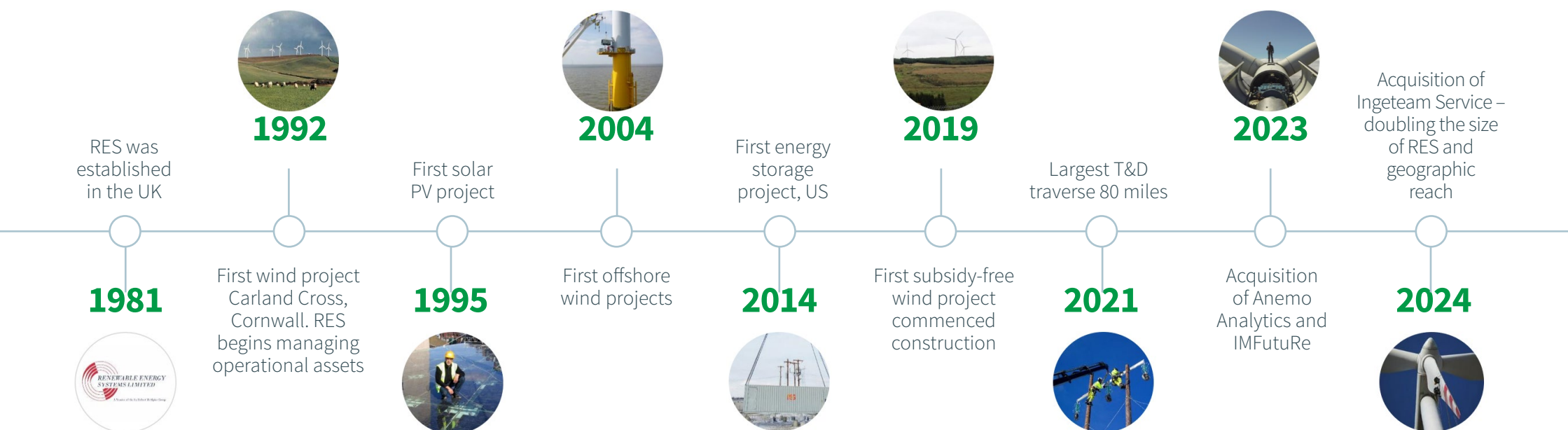
We were amongst the first construction companies to have our Net Zero 2045 pathway validated by the Science Based Targets initiative (SBTi).

Find out more about [our journey to Net Zero](#).





# Timeline of operations





# Solutions and technologies

**+40**

YEARS

Experience in  
renewable energy

**24**

COUNTRIES

Worldwide

**#1**

WORLDWIDE

The world's largest  
independent  
renewable company

**27** GW

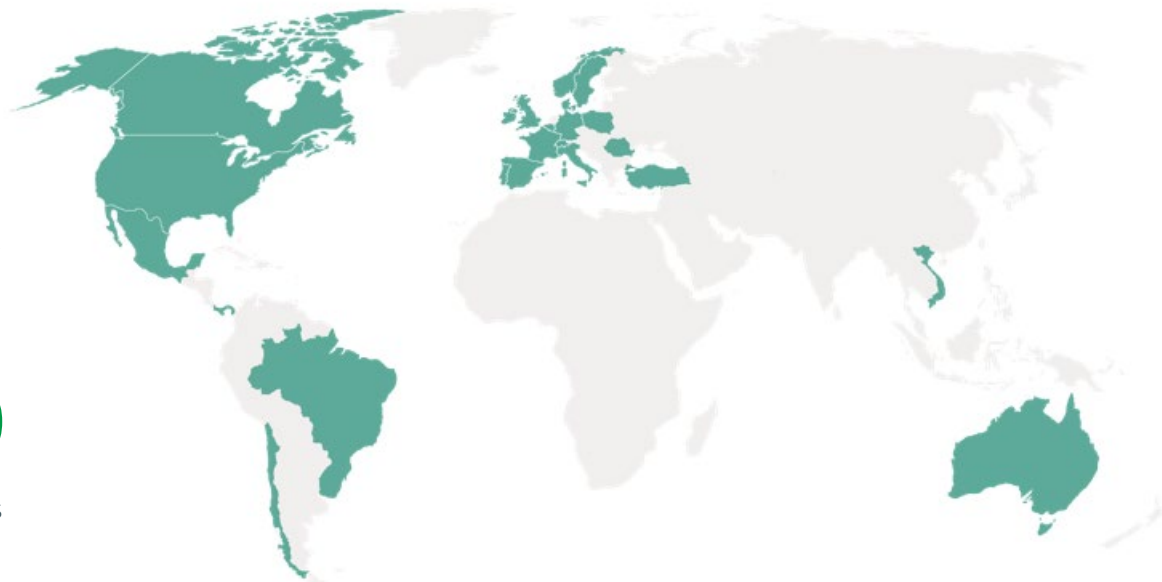
Projects developed  
and/or constructed

**41** GW

Operational assets  
supported

OVER  
**4,500**

World leading experts



## SOLUTIONS



Development



Construction



Services



Digital  
Solutions

## TECHNOLOGIES



Wind



Solar



Storage



T&D



Green  
hydrogen





## In the UK & Ireland

# 111

Wind, solar, energy storage  
and green hydrogen  
projects approved

# +800

World-leading  
renewables experts

# 83%

Consent rate for  
projects in planning

# 10 GW

Supporting over 10GW of  
assets across the UK&I

### SOLUTIONS



Development



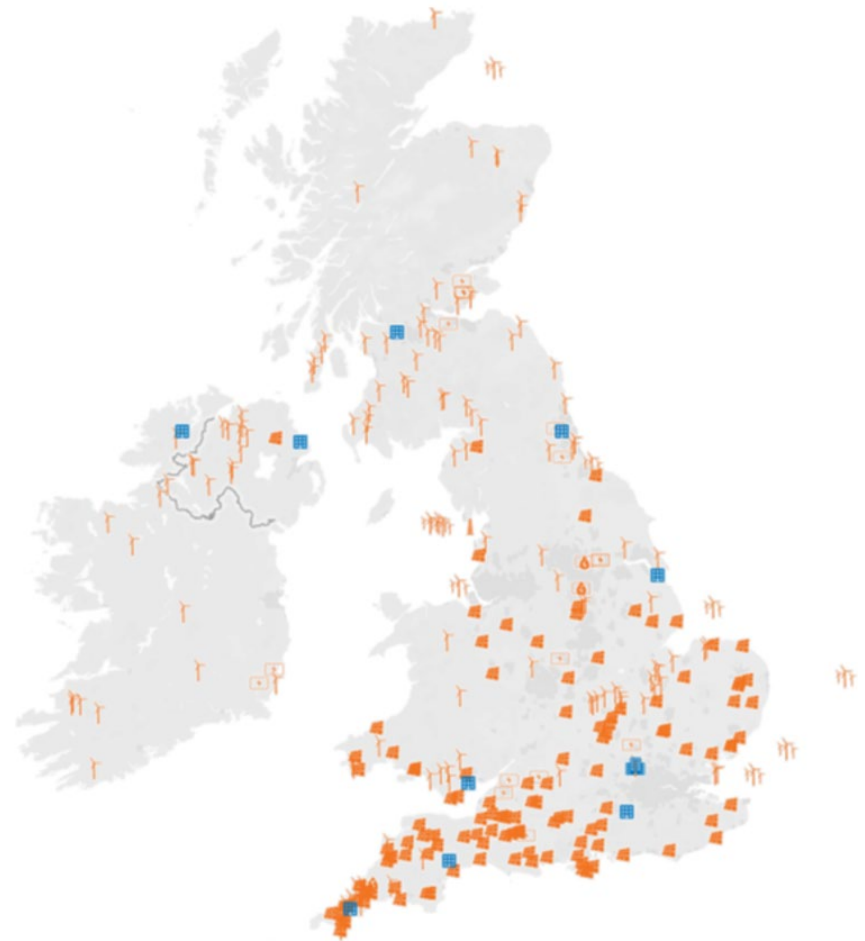
Construction



Services



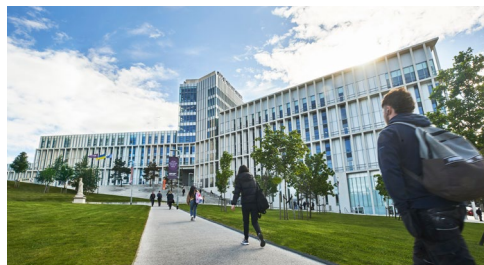
Digital  
Solutions



A developer and operator with more than 25 years' experience which has completed more than 50 major projects and tailored solutions that create value for clients.



We have provided over **1,700 hospital beds** in over 2 million sq ft of healthcare facilities.



We have developed homes for **800 families and individuals** who choose to rent, for 600 students and 3,500 military personnel.



More than **20,000 pupils** attend the 39 schools we have delivered.



Every year, more than **25 million motorists** use the 200km of trunk roads and motorway we have built and operate.



We have invested over **£200m of our own equity** in projects.



We have raised in excess of **£2.5bn of funding** for individual projects and partnerships.



We have delivered **500 hotel rooms** for major hotel brands.



We will continue to fund and **support community projects** that make a difference to the people and places we are creating and managing.

# AXIS

## LAND PARTNERSHIPS

A land promotion and development company which works with landowners to create places, while securing the best value for their land.



Their thorough understanding of the development and planning process enables them to anticipate long and short-term challenges and mitigate them before they become issues.



They take a collaborative approach, undertaking the financial risk of the site investigation and assessment work required to obtain a planning permission.



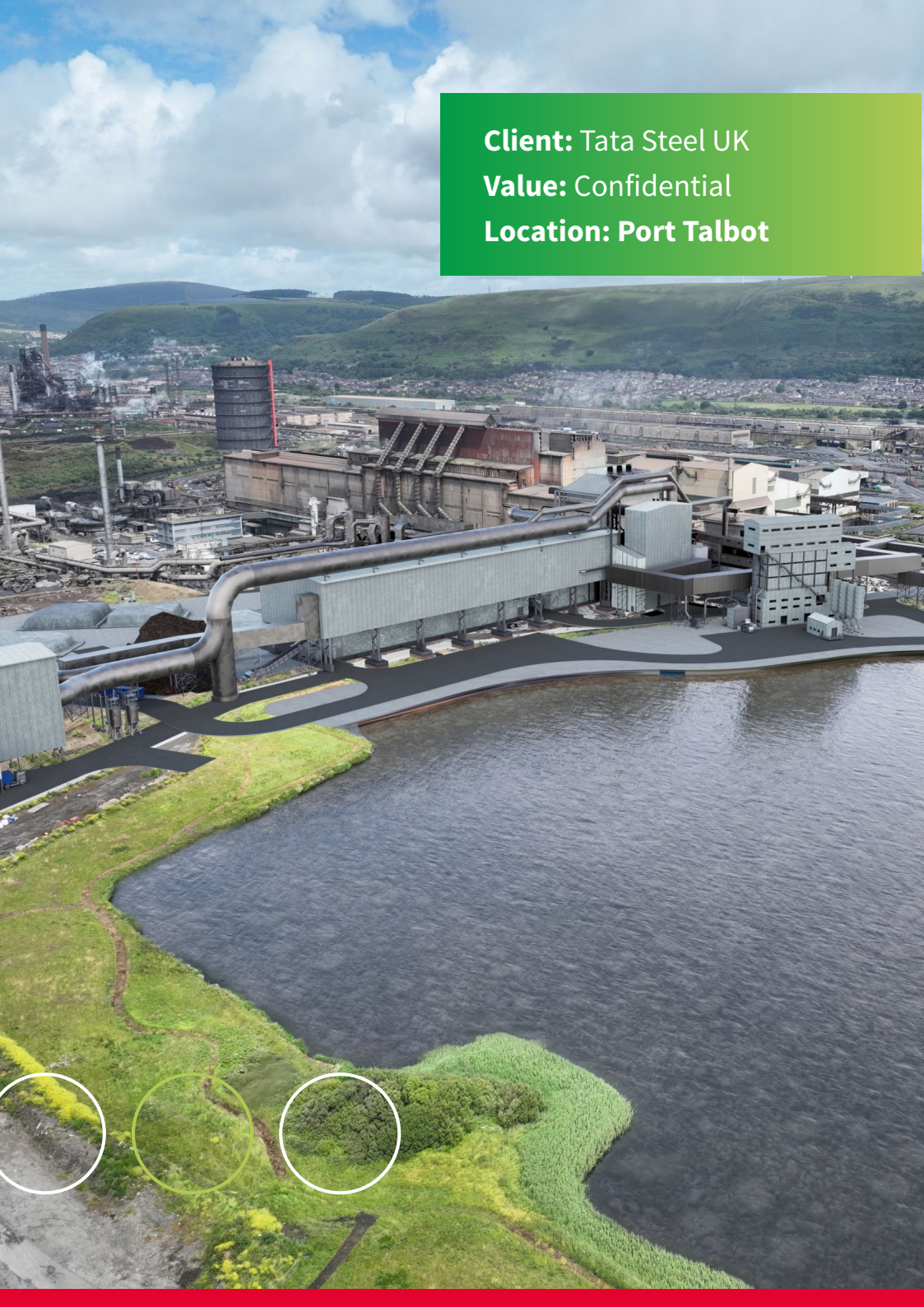
They consider all infrastructure needs, as well as the environmental and economic benefits that the development brings, proactively engaging with local communities and the local planning authority.



# Project Portfolio

Large scale complex collaborations with UK and international clients across the country





**Client:** Tata Steel UK  
**Value:** Confidential  
**Location:** Port Talbot

# Decarbonisation of Port Talbot steelworks

**Preferred delivery partner** for Tata in the UK with two projects at Port Talbot and Bridgwater.

[Building on the legacy](#) of our involvement in the steelworks at Port Talbot which **started in the 1940s**.

We have been **working closely** with Tata Steel UK **since 2022** under an Early Contract Involvement (ECI) to support their feasibility studies.

**Responsible for** managing the delivery of the **Civil, Structural and Building works** that are required to be undertaken across this £1.2bn project.

**Watch** [reactions from Tata Steel UK](#) following a **supplier engagement day** at Port Talbot.



# Agratas

One of the **largest battery manufacturing facilities** in the UK, the site is expected to supply nearly half of the nation's projected battery capacity for the automotive sector.

Selection of **preferred supply chain partners** for MEP, Envelope, Steel Frame and Clean rooms is critical to the delivery strategy.

Pushing productivity boundaries from the outset with **record breaking delivery** of piling across the site.

With design and construction happening in tandem, the **fast paced programme** will enable battery production as early as 2026.

Delivery is facilitated by our **national agile and sector focused national approach**.

Our sector leadership team facilitate cross industry sharing of best practice and lessons learned with industry peers.

**Client:** Agratas

**Value:** Confidential

**Location:** Bridgwater, Somerset







**Client:** Nissan

**Value:** £39m

**Location:** Sunderland

# Nissan Battery Plant

**Fast-track** programme, meeting all client process entry dates and incorporating significant change from the original contract programme.

High-tech electric car battery plant containing the **first large scale low humidity production environment** in Europe.

**Enduring partnership with Nissan:** this is one of over 75 contracts in the past 40 years in excess of £400m.

**McAlpine Design Group** was based on site to provide ad hoc service.

**Established supply chain partners** – Suppliers relocated around the Nissan site to provide a “just in time basis” service in line with quick programme requirements.



# McLaren Production Centre

Demanding **12-month programme** of a tailor-made supercar production facility.

**Ultra fast-track** construction delivery.

Meticulous **attention to detail** to achieve the exacting standards of a clinical production environment.

**12,000m<sup>2</sup>** basement and **20,000m<sup>2</sup>** ground floor featuring large open spaces with minimal columns.

**All excavated material retained** and used to reprofile the site to the rear of the building.



The McLaren Production Centre is as innovative and efficient as the cars that will be built inside it; made from the best materials, designed without waste or compromise, and operating in sympathy with the environment. It epitomises the forward thinking values of the McLaren Group.”

**RON DENNIS CBE,**  
McLAREN GROUP CHAIRMAN AND CEO

**Client:** McLaren Group

**Value:** £37m

**Location:** Woking Headquarters, Surrey



# Semi-Conductor Plants

A portfolio of large scale, complex and programme critical projects delivered through the 90s.

Client: **NEC**  
Value: **£150m**  
Location: **Livingston**  
Programme: **12months**



**More than twice the size of any equivalent** development previously delivered in the UK, expansion of this plant was **completed early in just 13 months.**

Client: **Fujitsu (Filtronics)**  
Value: **£130m**  
Location: **County Durham**  
Programme: **12months**



**One of the most advanced** semiconductor manufacturing **plants in the country.**

Client: **Siemens (ATMEL)**  
Value: **£200m**  
Location: **County Durham**  
Programme: **12months**



**One of the largest** wafer fabrication facilities ever constructed **in Europe.**

**Facilities ready** for equipment and installation just **one year and six days** after work began.

Highly engineered steel framework used as **pioneering alternative to concrete** to prevent vibrations.

Client: **Shin Etsu Handotai**  
Value: **£150m**  
Location: **Livingston**  
Programme: **12months**



The third phase of this silicon wafer plant involved the delivery of more than **20,000m<sup>2</sup>** of production, plant and ancillary buildings **in just 12 months.**

Client: **Motorola**  
Location: **South Queensferry & East Kilbride**  
Programme: **1995-2001 Various projects over 6 years**



We have undertaken **many contracts** for Motorola at its plants in South Queensferry and East Kilbride **since the mid-1980s.**



# Pinewood Studios

**Phase I:** five film stages featuring complicated building envelope designed to create large acoustic and fire resistant spaces.

The facility includes **mission critical infrastructure** such as back-up power generation systems, and secure office spaces.

**Stop-start process** adopted during construction to work around the filming schedules of all major TV networks and production companies.

Protecting and enhancing the **ecology of the site** was key.

**Client:** Pinewood Studios

**Combined Value:** in excess of £200M

**Location:** Buckinghamshire







**Client:** Thunderbird II

**Value:** £32.7m

**Location:** Islip, Northamptonshire

# Thunderbird II

**93,000 m<sup>2</sup>** storage and distribution warehouse, one of the largest in the country.

**5,000m<sup>2</sup>** office space.

**50,000m<sup>2</sup>** hardstanding with parking for 175 HGVs and 530 cars.

Construction designed to accelerate the programme:  
**3,500 tonnes** of steel erected in **8 weeks**  
and **100,000 m<sup>2</sup>** of roof cladding in 12 weeks.

**Early access** provided 6 weeks before completion.

No material moved off-site to achieve neutral cut and fill balance aspiration.



# Hanslope Park ICT Data Centre

Information and communication technology **data centre providing 7,500m<sup>2</sup> of office accommodation** for 400 staff.

Three storey facility with full height atrium, connecting bridges at each floor and incorporating a **high level of IT infrastructure.**

A **high-quality**, but **flexible design solution** for the offices within a **sustainable low-energy** building were key requirements.

A **reinforced concrete frame** supports the offices and cores whilst the atrium roof is supported by **structural steel.**

**Client:** Foreign & Commonwealth Office

**Value:** £22.4m

**Location:** Milton Keynes







**Client:** American Express

**Value:** £100m

**Location:** Brighton

# American Express

Major headquarters and Tier 3 data centre with N+1 redundancy providing **400,000ft<sup>2</sup> gross accommodation** incorporating a call centre, executive meeting and office space, along with ancillary staff facilities.

**Steel superstructure** around four concrete cores, over 11 floors, **four of which below ground level.**

With the ground sloping 12 metres, **extensive temporary works** were required. **Our deep basement expertise** streamlined the 41,000 m<sup>2</sup> excavation required.

**McAlpine Design Group** produced an alternative foundation design replacing piles by a raft slab that **saved cost and benefited the programme.**

The design also had a **positive environmental impact**, avoiding disturbance of the aquifer below site.



# Broadgate Framework

**10 year** framework programme.

**Selected supply chain:**  
early engagement, quick response and timely delivery.

Strong **“Commit and collaborate”** culture.

**Pioneering innovation**  
and digital tools to increase productivity.

Industry leading **sustainability standards.**

**Six schemes delivered** under the Broadgate Framework, including the multi-Award winning 100 Liverpool Street, British Land’s **first net zero carbon building.**



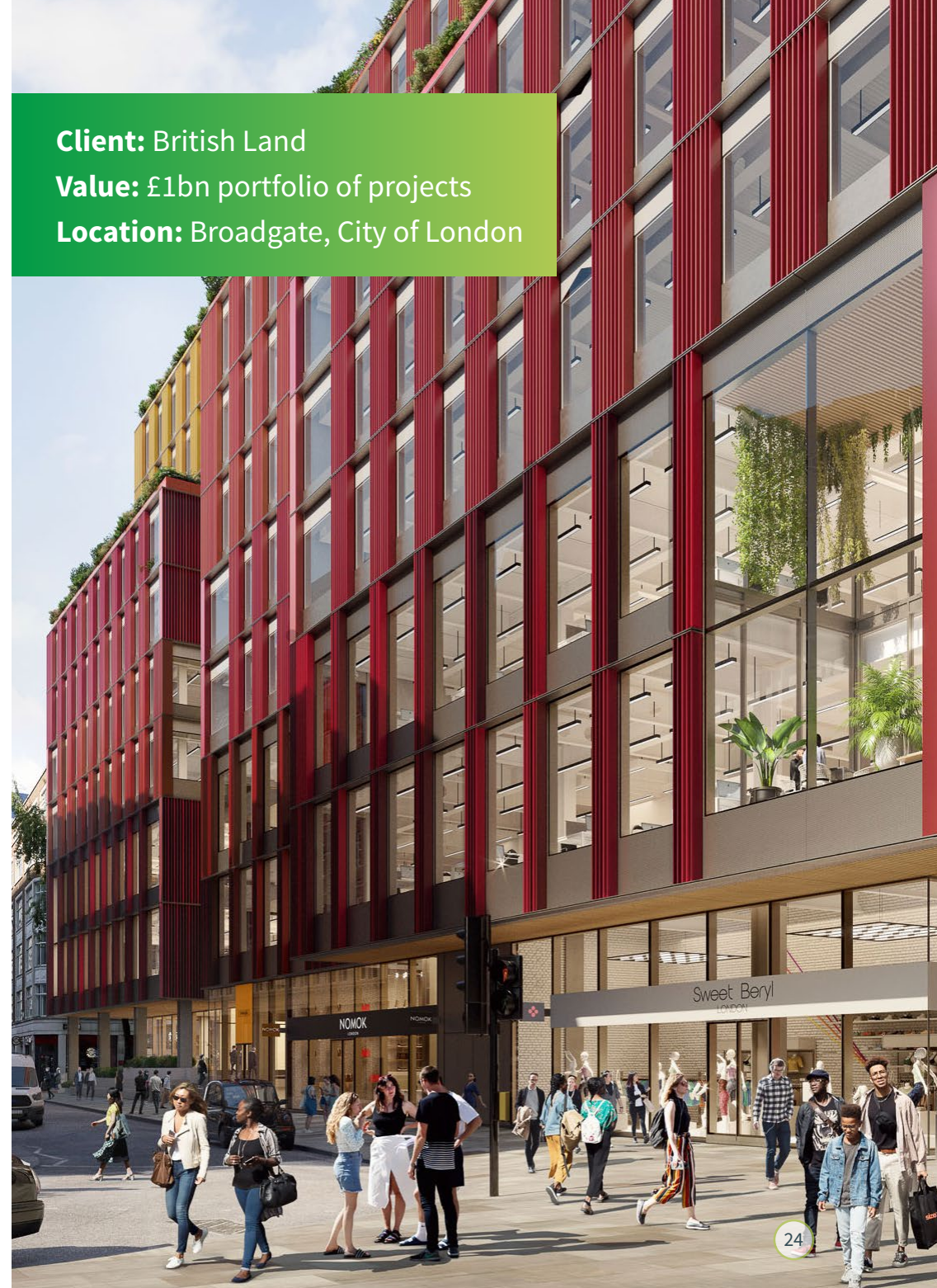
The behaviours of the Sir Robert M<sup>c</sup>Alpine Framework team have been of the highest calibre and, collectively, with the client and design teams, we have demonstrated how development and construction can be exemplar for how business should be conducted fairly and efficiently without adversity, such that every member of the team achieves a beneficial outcome.”

**CHARLES HORNE**  
PROJECT DIRECTOR, BRITISH LAND

**Client:** British Land

**Value:** £1bn portfolio of projects

**Location:** Broadgate, City of London







**Client:** Bloomberg LP

**Value:** £1bn

**Location:** London

# Bloomberg European HQ

The project was not only **colossal** in scale but had an extensive wish list to match, Bloomberg HQ is an exemplar in **world leading sustainable design and construction**.

Labelled as a “**Once in a Lifetime Building**” by RIBA Stirling Prize Award Judges, the £1bn Bloomberg Headquarters occupies an entire city block, spanning over **3.25 acres** in the heart of London’s Historic Financial District.

Cited as the **Most Sustainable Office Building** by BRE Global’s Sustainability Group, the building was awarded a **BREEAM Outstanding 98.5% rating**, achieving the **highest design-stage BREEAM score ever** by any major office development in the world.

Largest single concrete pour to take place in the City of London at the time, with nearly **2,000m<sup>3</sup> of concrete poured in just one day**.

Our innovative sustainability strategies deliver **75% saving in water** consumption, **35% saving in energy** consumption and associated CO2 emissions.



# New US Embassy

International collaboration to ensure the Embassy was designed and constructed to both **UK and US standards**.

We provided **early contractor input** during the design phase of this exceptionally intricate building and were able to develop **innovative solutions** in the project supply chain, personnel recruitment and health and safety planning.

The facility includes **mission critical infrastructure** such as back-up power generation systems, and secure office spaces.

**Completely bespoke**, with everything tailored to the end user.

**Highly sensitive site** with every possible security and confidentiality procedure strictly adhered to.

**Client:** US Government

**Value:** Confidential

**Location:** Wandsworth, London







**Client:** MEPC

**One Centenary Way Value:** £115m

**3 Chamberlain Square Value:** £75m

**Location:** Birmingham

# Paradise Circus

Paradise is a **£1.2 billion mixed-use redevelopment** in the centre of Birmingham for MEPC carried out over 3 phases

A **logistically challenging** city centre site spanning the A38 Queensway

## One Centenary Way

**Steel exoskeleton** provided vertical and lateral stability to the structure, a design solution resulting from the need to construct above the A38 Queensway tunnel, which has remained operational throughout.

Foundations incorporate a series of **huge transfer trusses** weighing a total of around 1,156 tonnes, the **largest ever designed** and constructed in the UK **for a commercial building** and were fabricated at a specially expanded factory.

## 3 Chamberlain Square

Low energy, low carbon building championing sustainability and innovation through design principles **secured BREEAM Outstanding and NABERS 5\* ratings** at design stage – making it one of the UK's most sustainable buildings.

Terracotta façade, all-electric infrastructure, and a SMART building design aimed at **maximising occupant wellbeing**.

# Contacts



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# THANK YOU

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**PROUDLY BUILDING BRITAIN'S FUTURE HERITAGE**

**Sir Robert  
McALPINE**