Gravity

Smart Campus



A blueprint for a smarter, cleaner future – faster CECA South West, 18th September 2024



Paul Lowndes

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- ✓ Programme Director at Gravity
- ✓ Been part of the Gravity team since inception in 2017.
- ✓ Over 40 years of international experience delivering high value property (commercial and residential) and infrastructure engineering programmes including airports and marinas
- A Chartered Quantity Surveyor



Prime Location – The South West

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- ✓ Home to many international companies spanning R&D, engineering and advanced manufacturing
- ✓ Consistently recognised as one of the UK's best place to live / work / raise a family
- ✓ A region rich in culture, heritage and with a growing economic presence
- ✓ Thriving ecosystem of academia, talent, tech and R&D
- Developing regional inter-connectivity, enabling the SW to compete in a global marketplace



What is Gravity

- + UK destination for inward investment
- + Attracting large scale occupiers in the advanced manufacturing space
- + Set to create up to 7,500 new, high value jobs
- + Supply chain jobs
- Designated <u>Enterprise Zone until</u>
 2042
- Exemplar for future Low carbon developments

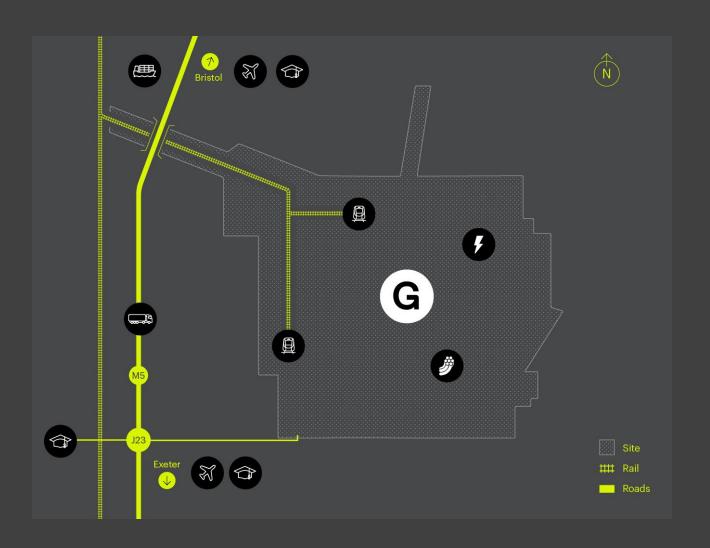


Transport

- ✓ Direct access to the UK's motorway network
- ✓ Rail reinstatement could provide freight and passenger access to national & international infrastructure including Bristol Deep Sea Port

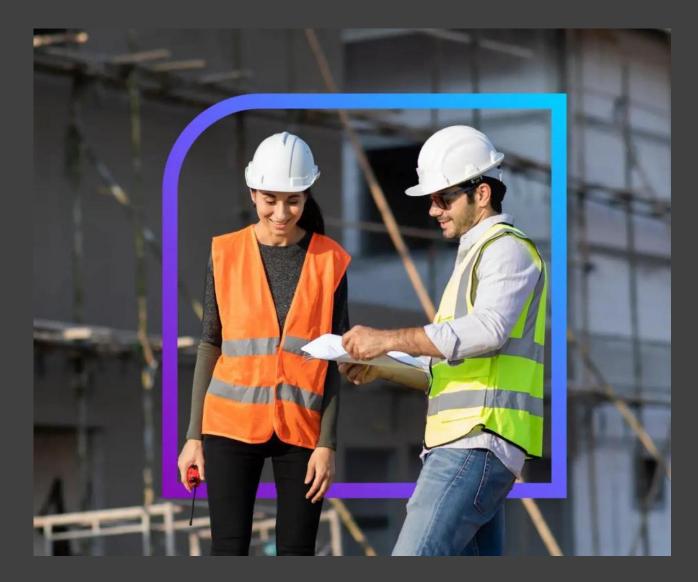
Utilities

- ✓ Up to 350MW of renewable electricity available onsite
- ✓ Large scale water abstraction license
- ✓ Dark fibre provision offering ultra-fast connectivity and site-wide 5G coverage



Planning

- ✓ Consent through a Local Development Order
 (LDO) enables flexible development up to 1.1m
 s.q. m
- ✓ Instead of being restricted to one fixed project or plan, it sets overall standards and guidelines for a development to evolve
- ✓ An LDO can help accelerate delivery, taking climate action, enabling inward investment and creating social, environmental and economic benefits
- The goal is to attract new jobs in advanced manufacturing and high-value sectors, offering low-carbon energy and essential social infrastructure like health, business, and accommodation to draw high-quality tenants.



Carbon footprint





Land Management

- Brownfield rehabilitation including 4R's
- Sustainable development
- Environmental management



Ethical, Social Responsibility & Green Business

- Healthy communities
- Local training and local employment
- ✓ Green jobs
- Health and well being



Sustainable Energy

- Green certificates (REGO'S)
- ✓ Solar
- ✓ Ground and air source heat pumps
- ✓ Bio energy
- ✓ Battery storage



Green Buildings

Design, construction and operation



Water management

- ✓ Rainwater capture/harvesting
- Water recycling and grey water
- Reduction in use of potable water
- River abstraction



Sustainable Transport

- Rail and bus transport
- Vehicle sharing
- Walking and cycling
- EV's and EV charging



Waste Management

- Construction and operational
- 4R's Philosophy

Thank you

Keep up to date

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