

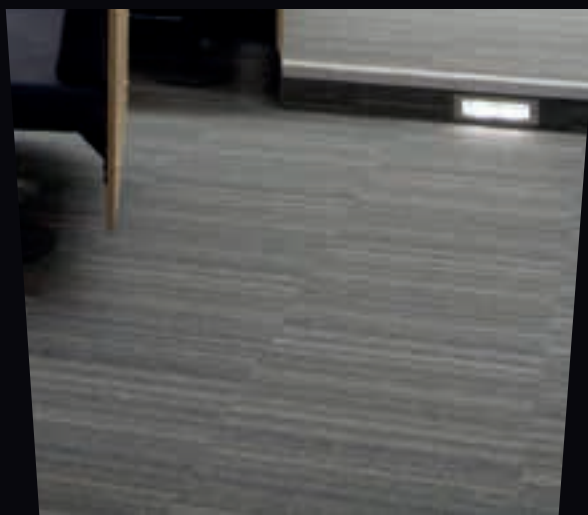
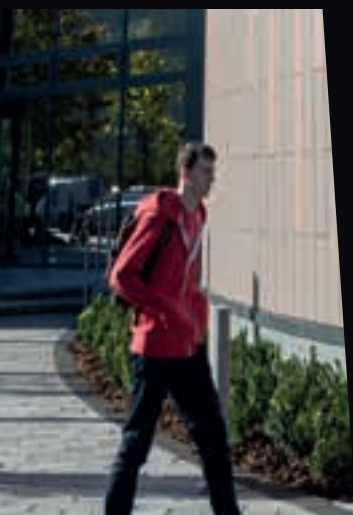
Building
smart.
Building
skills.
Building
strength.



Global higher education

Fit out
Technology
Construction
Development

Europe
Middle East
Asia
United States



Welcome to ISG's global higher education brochure. We are proud of our work in this constantly evolving and vibrant sector, and the long-standing relationships we have built with the world's leading institutions. This brochure is a showcase of how our four services of fit out, construction, technology and development have all been called on to facilitate the delivery of a range of projects, from world-leading research facilities to high-specification training suites and accommodation.

Today's higher education organisations face an uncertain world and rapidly changing student needs.

Attracting the best faculty and student body means being exceptionally savvy about funding and partnerships – an objective closely tied to the delivery of high-quality buildings and efficient estates. At ISG, we make it our mission to understand *your* mission, delivering the environments and buildings that help you stay competitive.

At the core of what we do is the belief that we, like you, never stop learning. Despite our three decades of experience delivering construction, fit out and refurbishment projects around the world, we still push ourselves daily to provide ever-smarter solutions to our customers' challenges with cross-sector knowledge and cross-service solutions. It's this dynamic approach to delivery that ensures we can provide universities with the most flexible, future-proofed and inviting places to thrive and learn.



Building smart.

At ISG, our vision is to be the world's most dynamic construction services company, delivering places that help people and businesses thrive. This means you receive delivery assurance from a smart and future-focused team determined to never stop learning. With a portfolio that includes some of the world's most reputable universities, research and development organisations and multinational corporations, we have built enduring relationships rooted in our agile, client-focused and tech-driven culture.

Technology – from engineering-led construction to smart buildings – lies at the heart of everything we do. Leveraging technology is vital to improving real estate efficiencies for universities, creating smarter, more integrated work environments. We believe all environments are technology environments, and this belief informs our approach to our work with tools like Building Information Modelling (BIM) and the solutions we develop for our customers, including data collection and business analytics. When working with ISG, you can benefit from our specialist knowledge in technology and engineering.



Wood Lane Studios, Imperial College London, UK



“Today’s fast-paced world demands more than a safe pair of hands. Delivering the places of tomorrow requires the ability to think big, collaborate widely and meaningfully, and build in real capacity for change. For this reason, everything we do at ISG, from our work with our customers to our relationships with our own people, is focused on delivering smarter and more resilient places of tomorrow.”

Paul Cossell, CEO





Lecture theatre, University of Dundee, Scotland, UK

Bringing education into the 21st century

Blast from the past

Not all universities have the luxury of expanding their footprints. Many still find themselves in outdated environments that are out of step with current trends. This is where we can help. Our construction team in Scotland modernised the 1960s environment at the University of Dundee, extending and refurbishing the library and teaching facilities at the prestigious School of

Medicine as well as the main lecture theatre. We installed new designs, disabled access, audio visual facilities, acoustic panelling, IT infrastructure, collaborative workspaces and everything else you would expect to find in a modern and inspiring teaching environment. In 2017, it was announced that the facility was ranked first in Scotland and fifth in the UK for medicine in the Guardian university league tables.

Protecting vital information

We have a strong history of constructing and fitting out highly engineered, technology-led datacentres for the world's foremost tech giants. We also provide this service to universities eager to protect their data. We have built datacentres for the likes of the University of Cambridge, who employed us to build a two-storey facility that included four data halls, 240 racks, plant space and the provision to generate 3.2MW of power. We were also appointed to refresh the university's established data space in two separate buildings on campus, providing demolition and reconstruction works as well as installing new generators and cooling systems.



Datacentre, University of Cambridge, UK

Secure, resilient, flexible datacentres



Salford Energy House, University of Salford, Manchester, UK

Out with the old, in with the old

Given our vast knowledge of construction – its legacy, evolution, and environmental impact – our skills were called upon by the University of Salford to deliver a truly unique and innovative project: the Salford Energy House. This innovative research facility involved recreating – brick-for-brick – a typical Salford terraced house from 1919, located within a fully environmentally controllable chamber. The house acts as a unique test-bed for academics and commercial organisations looking to study the effects of heating, lighting and humidity levels on the building, and the impact of retrofitted materials. The research is being used to inform best practice solutions on energy efficiency.

Building a centre of excellence for energy research



Visualisation of The Tinbergen Building, University of Oxford, UK



Creating sustainable environments

Maximum efficiency at University of Oxford

We have worked with 15 of the 24 Russell Group members; research-intensive world-class institutions, delivering facilities which have the potential to be life-changing. Our highly engineered scheme for The Tinbergen Building at the University of Oxford combines our full-service remit of fit out, construction, technology and refurbishment. The extension of the building will help the university's chemistry facility to expand and meet its future growth targets. Coupled with the university's radical laboratories and interactive hubs, the project also draws on our industry-leading sustainability credentials, with a design built around energy efficiency. Around 80% of the heating and hot water will be supplemented by the recovered heat extracted from the building.



Senate House, University of London, UK

Complicated work in listed environments

Modernising protected buildings

Many of the UK's most important universities find themselves in buildings that no longer meet the high standards set out by modern ways of working. Historical institutions need to strike a balance between protecting the heritage and prestige of their environment, as well as attracting and retaining the best students and academics. We have a long and distinguished history of performing

sensitive renovation works in the higher education sector, including projects such as Senate House for the University of London. This Grade II listed building required major structural alterations to add new floor slabs, lecture theatres, conference facilities, offices, a library and a new lift. We used traditional materials to preserve the heritage of the building, and skilled craftspeople to repair limestone plaster, interior timberwork and stone cornices.

Level 2 BIM at landmark site

Following our work on over 30 projects for Imperial College London, the world-renowned institution awarded ISG an ambitious 14-storey flagship construction project at the heart of its 25-acre White City campus. The Michael Uren Biomedical Engineering Research Hub will provide life-changing research into new medical technologies, helping to treat cancers, develop minimally invasive implants, and regenerative medicine for nervous system injuries. The project draws upon our in-house resource of BIM experts who will see the scheme through to Level 2 maturity, helping to collect data to inform the construction and map the building's efficiency and usage. In every aspect of the term, this is a technology-led scheme, from beginning to end.

Main image and bottom left:
Department of Mechanical Engineering, Imperial College London, UK

Bottom right:
Visualisation of The Department of Chemistry, Imperial College London, UK



Delivering innovation at world-leading institution



Our dedicated BIM teams take your building from analogue to digital

Future-thinking at Imperial College London

We are also engaged in another major project at Imperial College London's new White City campus. The Department of Chemistry is a new build, 10-storey, 275,000 sq ft structure which will require a highly engineered and technical fit out,

bespoke to the client's requirements – like the installation of an advanced Nuclear Magnetic Resonance (NMR) suite, plus six floors of laboratories, including 340 fume cupboards. We will also be building a 250-seat auditorium. The new faculty building will further strengthen Imperial College London's reputation as a global leader in chemistry research and teaching.





“As a leading global contractor, specialising in engineering-led construction, and with a long and established history of working across a broad range of sectors, our offer to the higher education sector is second to none. Whether you are looking for a major overhaul of your existing property, a new large-scale construction project or a technology upgrade, we tailor our solutions to meet your specific requirements. Our specialist teams are in place and ready to mobilise for your construction needs.”

Danny Blakeston, Managing Director, Engineering Services



Chapter Spitalfields, London, UK

Building skills.

No two universities have the same set of challenges. At ISG, we have equipped ourselves with a broad range of experts and skills to ensure we craft the right responses to your needs, no matter how complex. From construction and fit out to refurbishment and technology services, we provide end-to-end solutions, bring the right people to the table, and align ourselves around your vision. Furthermore, our development team unlocks new options for student accommodation, and our dedicated design and build service offers strategic portfolio solutions for university estates.

As universities look for ways to operate more efficiently, forge private partnerships, and attract the best students and funding, often the answers lie outside higher education. ISG's culture of sharing knowledge and focusing on clients ensures our higher education customers benefit from our extensive expertise in other sectors, from workplace and residential to health and technology.

**Responsible
construction for
the community**

Drawing on local resource in Wales

We understand how higher education facilities need to attract the world’s best talent. But we also know how having revolutionary research on your doorstep greatly benefits local economies and communities. Cardiff Business School in Wales was ISG’s first project with the University of Cardiff, and its signature design was selected to promote Welsh innovation and research. Over half of all labour and materials were sourced from within Wales. The building stands as a proud, local landmark with a truly international outlook.



Cardiff Business School, Cardiff University, Wales, UK



The University of Sheffield Advanced Manufacturing Research Centre, UK



**Proactive teams
ready to react**

Switching it up in Sheffield

When creating thriving, collaborative spaces for world-leading research, we understand how reactions to market changes can influence design. We also know how to adapt our models to deliver an exceptional job without impacting on your schedule or your stakeholders. The University of Sheffield Advanced Manufacturing Research Centre partners with industry giants to carry out research into advanced machining, manufacturing and materials. During our extension scheme, additional works were carried out with the existing facility remaining in occupation. We adapted our schedule to deliver on time and to a highly sustainable specification, with 100% of all site waste recycled.



Faculty of Business and Law, The University of the West of England, Bristol, UK

Thinking beyond the classroom at UWE Bristol

The striking new home for the Faculty of Business and Law at the University of the West of England in Bristol is a landmark development at the heart of the institution's multimillion pound masterplan. We understand how the demands being placed on universities are changing. As well as providing exemplary facilities for its students, the new five-storey, 185,000 sq ft building will also provide space for professional organisations. SMEs, accountants and start-ups will mix with students and staff in a fully collaborative, open, and innovative space of learning and development. The resulting environment will attract the best students looking for opportunities, and strengthen ties with the local business community. In 2016, this project picked up two Constructing Excellence South West Built Environment Awards in the categories of BIM Project of the Year and Image of Construction.

Blending business and learning



Faculty of Business and Law, The University of the West of England, Bristol, UK



School of Law, Criminology and Political Science, University of Hertfordshire, UK

Breaking ground in Hertfordshire

We are a company with a track record in delivering truly dynamic and unique construction projects in the higher education sector. The building for the School of Law, Criminology and Political Science at the University of Hertfordshire was a first for many reasons: not only was it the UK's first fully functioning court room designed purely for training purposes, but its reconstituted curved stone and glass façade was also the first of its kind in the UK. There was only one supplier in Europe that could provide glass of the size and curvature required. The project went on to win numerous design and innovation awards, including Most Sustainable Construction at the Building Futures awards.

**Industry recognised,
award-winning design**

Exceeding expectations

Chapter Spitalfields, formerly known as Nido Spitalfields, provides accommodation for 1,200 students over 35 storeys in a bustling district of London. On completion, it was one of the tallest student accommodation buildings in the world, including leisure facilities, retail, office and residential apartments. Our construction team worked closely with property developers to deliver this multi-use building. Similarly, our work in Cardiff

with the boutique developer, Fusion Students, involved providing a new seven-storey structure complete with self-contained studios and 'twodios'. Residents share an impressive range of communal amenities including a cinema, private student lounge, games room and gym. We have a designated global development team which is busy exploring opportunities across the UK and beyond to further our reach in delivering exemplary student accommodation.

**Providing
stylish student
accommodation**



Chapter Spitalfields, London, UK





Building strength.

As much as we value dynamic delivery, we also strive to create an exceptional delivery dynamic. The relationships we form with our customers over the life of a project and beyond ensure we are ready and responsive to your needs.

Rapidly changing times call for fresh thinking rooted in an understanding of your organisational goals. That's why we approach every project we undertake from the perspective of you, our customer. Our dedicated Agility team, who specialises in sub-50,000 sq ft fit out services, is a direct reflection of that commitment. We provide anytime projects and everyday service to meet universities' ongoing, small and sudden property needs.

We know higher education, and have worked with universities across the UK and beyond to solve their estates challenges, deliver highly technical environments that attract the top researchers, and student accommodation that caters to an increasingly discerning student.

Windsor House, Cardiff, Wales, UK



“At ISG, we work closely with our higher education colleagues to deliver an unbeatable customer experience. We are a local and regional specialist that recognises how the journey with our customers is just as vital as the end product. This is why many of our higher education customers return to us again and again. No matter the value or scale of the job, we promise consistency, efficiency and quality assurance.”



Andy McLinden, Regional Managing Director, UK Construction North & Scotland

Whitworth Art Gallery, University of Manchester, UK



**Turning public spaces
into an art form**

Creating the Refurbishment Project of the Year in Manchester

Crowned the Building Awards Refurbishment Project of the Year, our work at the University of Manchester's Whitworth Art Gallery drew on our wide-ranging construction skillset. We stripped out and upgraded the Victorian Grade II listed art gallery with modern, highly efficient systems while the gallery remained open to the public. Our extension to the building doubled the public space and created new galleries and visitor facilities, including a learning zone, study centre, art garden and a café. This radical, sensitive and regenerative project was also shortlisted for the RIBA Stirling Prize – one of the highest accolades awarded in architecture.

Whitworth Art Gallery, University of Manchester, UK



Health kick in Bradford

Our specialist construction teams are often required for their full range of new build, refurbishment, fit out and landscaping skills. When the University of Bradford relocated its School of Health to the central city campus, the existing teaching block was in need of an overhaul. We demolished, restructured and stripped back the

existing building to provide cutting-edge clinical rooms and lab space, adding a stunning four-storey concrete frame extension. We finished the building by adding a kidney-shaped steel framed pod to sit on top of the new building and link all of the new elements together. We then upgraded the car parking and associated external works.

**Rebuild, refurb
and revolutionise**

Horton Building, University of Bradford, UK



City University, Hong Kong

**Local teams
in global hubs**

Providing for the next generation in Asia

We have been instrumental in upgrading educational facilities across Malaysia, Thailand, and Hong Kong. Our network of offices in Asia has delivered a series of school improvement programmes as well as installing new interactive study hubs in places like the City University in Hong Kong. We worked across five buildings at the Taylor’s College campus in Malaysia to provide a state-of-the-art learning experience, including work on the library, student union, restaurants, laboratories, theatres, offices and accommodation. We employ local resources on our international sites and construction specialists who understand what is needed to meet your real estate requirements.

Specialist teams for ‘day two’ works

We provide an agile fit out team working in the higher education sector to cater for our customers’ sub-50,000 sq ft works. ISG’s Agility team is smart, fast-moving and responsive. The issue of aftercare can often be overlooked in construction, but we know that your journey does not immediately end at handover. We provide ongoing support to meet your change requirements, helping you to move into your new environment and providing insights on how to build better for the future.



Centre for Stem Cells and Regenerative Medicine, King's College London, UK

**Anytime,
agile services**



Working in a live hospital

King's College London's Centre for Stem Cells and Regenerative Medicine is located on the 28th floor of Guy's Hospital in a busy part of central London. We are skilled at negotiating complex logistical challenges and working in live environments. This project required making upgrades to the hospital's base build engineering systems without disrupting the continually operating laboratory located below. We set up a system of strategically phased work with our customers, built on clear communication and respect for those working around us.

**Delivering
without
disturbance**





About ISG

For nearly three decades, ISG has been providing construction solutions to some of the world's most successful and enduring businesses, cities and institutions. From London to Dubai, and Singapore to Houston, our customers trust us to deliver – and our repeat business and numerous industry accolades prove it.

Yet today's fast-paced world demands more than a safe pair of hands. Delivering the places of tomorrow requires the ability to think big, collaborate widely and meaningfully, and build in real capacity for change.



Our vision, brand and strategic plan

In 2016 we launched our new purpose-driven brand and set out our ambitious five-year strategic plan to become the world's most dynamic construction services company.

Our core values are the guiding principles that determine our actions and behaviours at ISG.

Dream smart

Speak frankly

Always care

Never stop learning

To be the world's most **dynamic** construction services company, **delivering** places that help people and businesses **thrive**.

Our vision is ISG's reason for being. It gives us a sense of purpose and it is why we come to work every day.



Provide the best customer experience in our industry, before, during and after project delivery.



Achieve optimal operational efficiency.



Offer an unbeatable employment experience, recruiting and developing the best talent in our sector.



Drive revolutionary change in the construction industry.

delivery dynamic

Deliver transformational places for people and businesses

Provide unbeatable customer experiences

Nurture a culture that rewards great ideas

Our brand proposition sets out how we aim to achieve our vision and is our framework for decision-making.

1 We understand places are only as successful as the people and systems in them.

2 We are a safe pair of hands with a difference.

3 We believe the delivery dynamic is as important as dynamic delivery.

4 We always care for each other, our customers and our communities.

5 We go where your business goes.

Our corporate goals are our roadmap to becoming an efficient, tech-led, customer-focused company that attracts the most-talented people in the industry.

Our differentiators explain what makes us uniquely ISG, they are the core attributes of our brand.

Services

Fit out

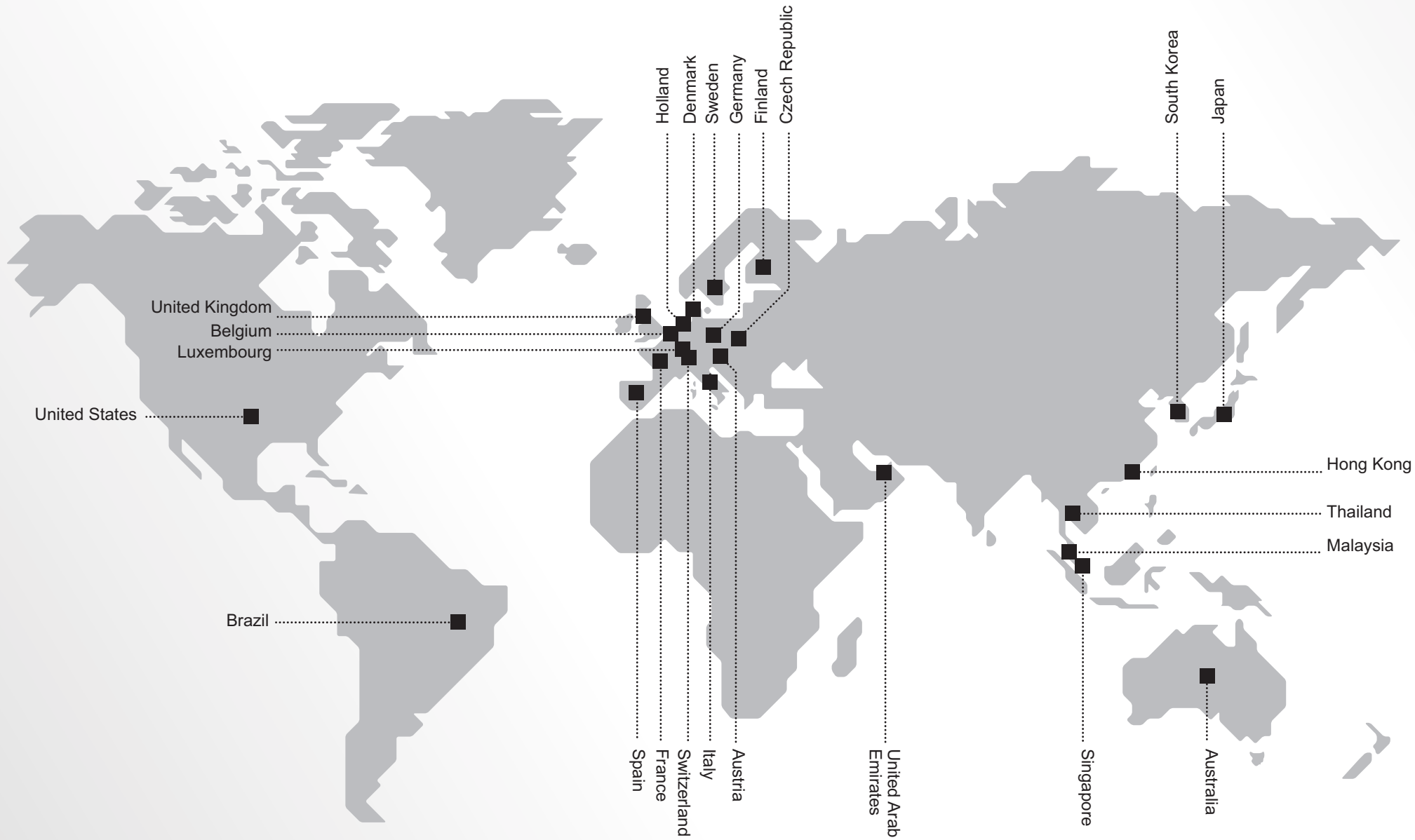
Technology

Construction

Development

Local experts
with a global
reach

At ISG, we provide
a comprehensive
construction service
offer to our clients around
the world, working across
sectors and geographies.



Offices

Technology, science and health

Retail

Hospitality, leisure and living

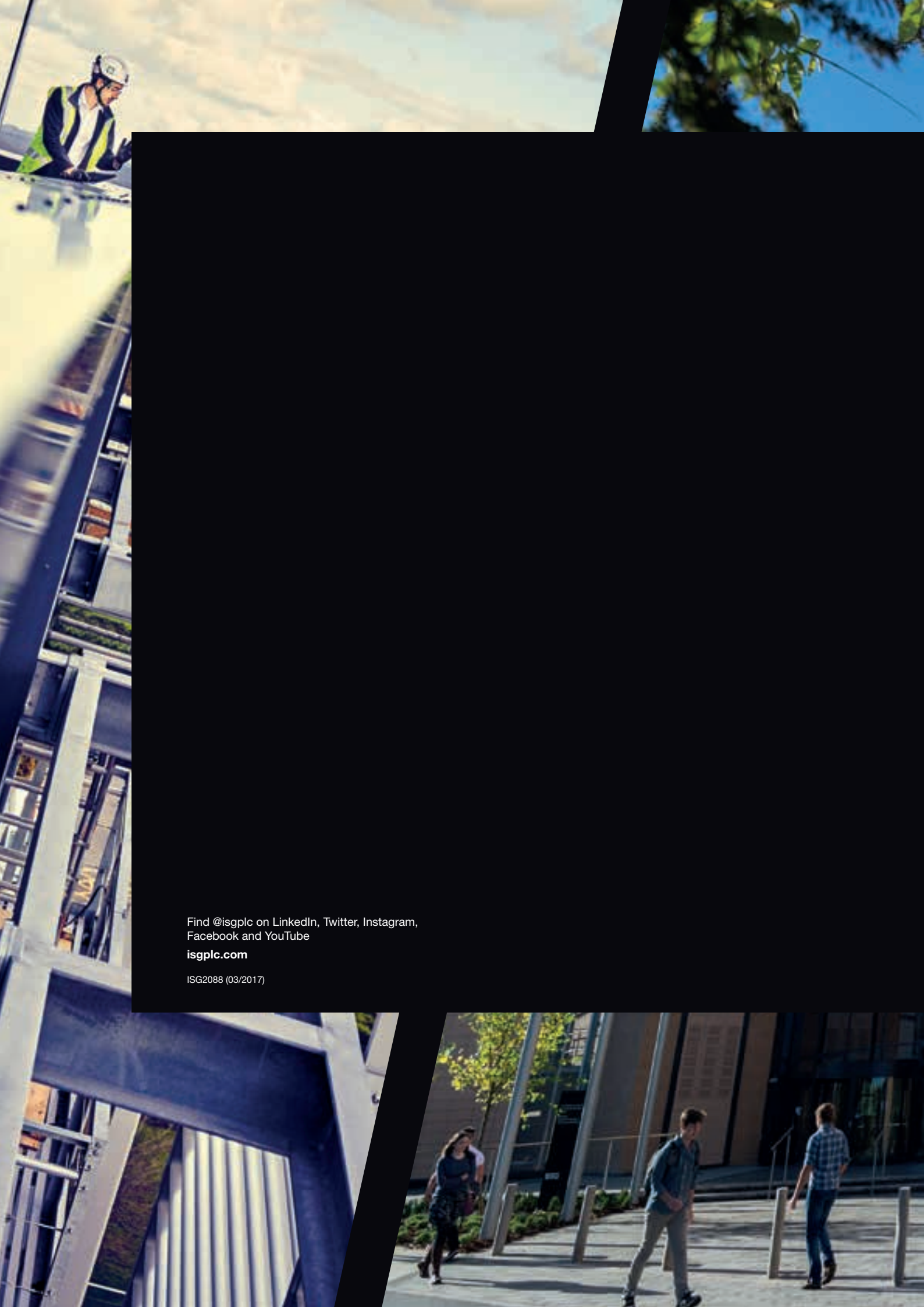
Education and public sector

Sectors

If you are looking for a smart, dynamic company that provides a full range of construction services for the higher education sector, contact our specialist team.

highereducation@isgplc.com

isgplc.com



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Facebook and YouTube

isgplc.com

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