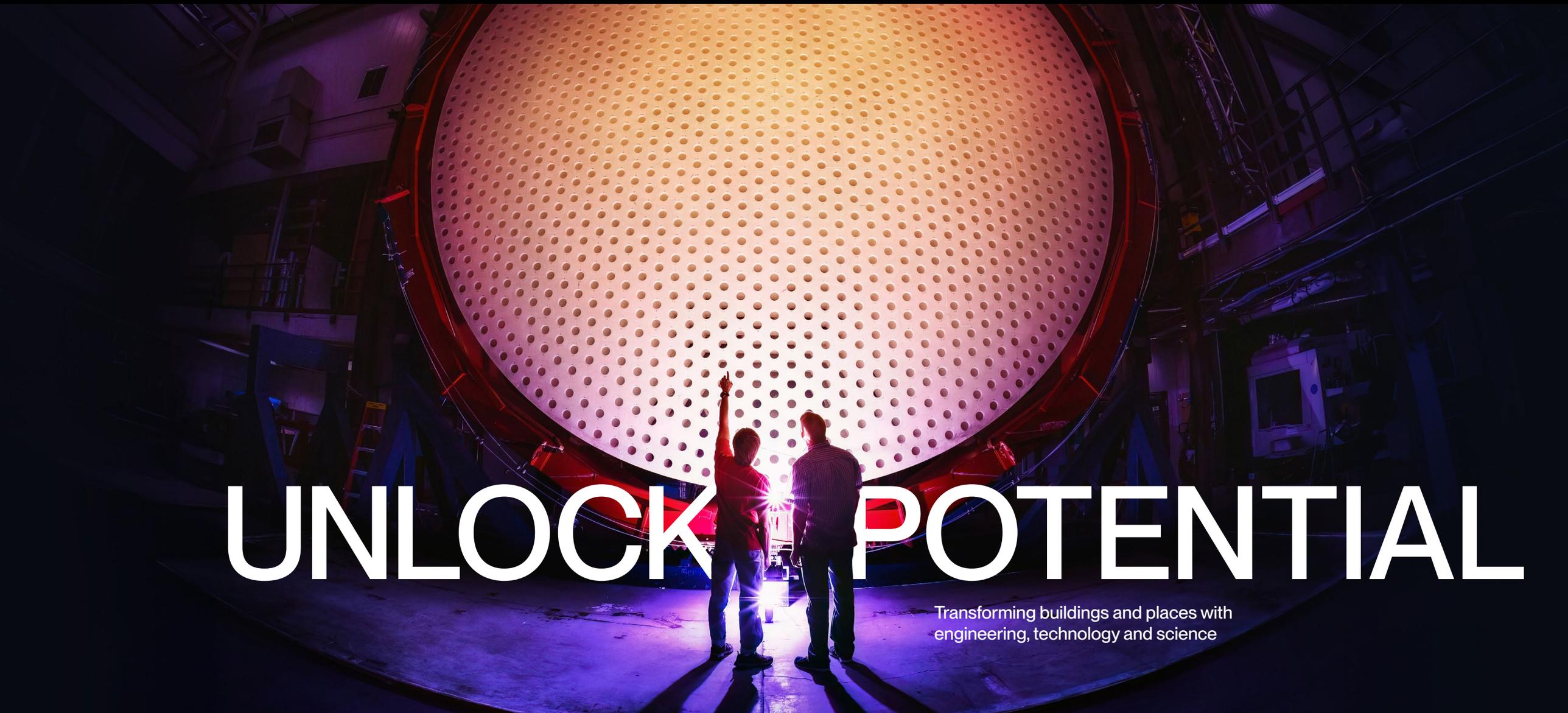


UNLOCK POTENTIAL

Transforming buildings and places with engineering, technology and science

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"We provide value by enabling our clients and partners to focus on creating iconic designs and providing our end-clients confidence in delivering on their ESG, well-being and operational goals, all via data-driven decision-making. We are an engineering partner and innovation advisor that takes responsibility for some key design levers — carbon, well-being and operational resilience."

Alastair MacGregor, National Business Line Executive, Property and Buildings

FRONT COVER IMAGE: Giant Magellan Telescope, Chile's Atacama Desert. **Read more**

PREVIOUS

NEXT

UNLOCK POTENTIAL

Introducing our Property and Buildings practice in the U.S.

Our Property and Buildings practice of engineers, advisors and science-based experts unlock social, environmental and economic value for our clients around our changing world.

We plan, design, deliver, operate, sustain and reinvent every kind of built asset for clients and their communities who call on us again and again.

Offices that feel like gardens. Streets that adapt to the changing climate. Digital hospitals that help people heal. Learning spaces where curiosity runs free. Advanced facilities in which scientific discoveries are made and put into production. Data centers with the phenomenal power to run it all.

By reimagining buildings and places, we believe we can help mitigate climate change, increase resilience, support biodiversity and empower communities to flourish.

Through powerful partnerships and multidisciplinary collaboration, we're providing solutions for our clients to create a better built environment – centered around people and enriched by data.

2,200+

Property and Buildings Professionals

12,000+

Active Projects

#1 Buildings

ENR 2025 Top International Design Firm

Named a Building Decarbonization Consulting Leader by independent research and advisory firm (Verdantix, Green Quadrant: Building Decarbonization Consulting 2024)

Ranked #1

Engineering Company in CTBUH's: The World's 118 Tallest Buildings

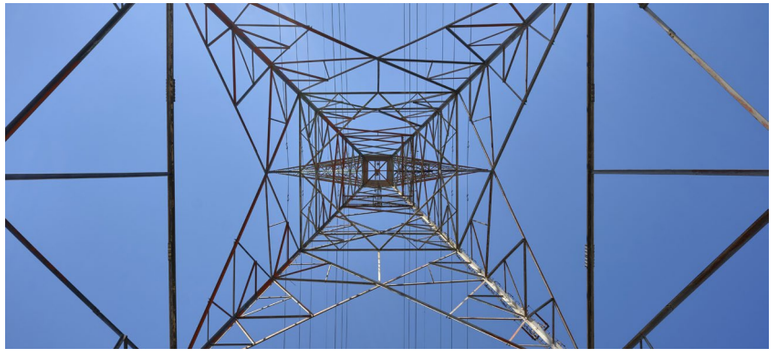
BUILD IMPACT
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BUILD IMPACT

Unleashing a new wave of creativity as we embrace the opportunities of a changing world.

The built environment is set to change forever, reimagined by the pivotal shifts happening across the world. The new landscape demands we do more with less. More sustainable, adaptable and purpose driven. Less energy, water and raw materials. Empowered by digital and AI, innovations in construction are changing the way places are designed and delivered. We're focused on helping our clients through the world's biggest challenges to create positive impacts.

1

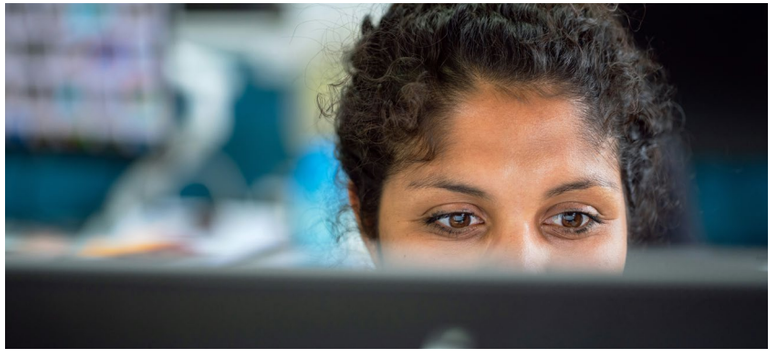
Energy transition and electrification



We create the infrastructure needed to deliver renewable, decarbonized energy, convert existing buildings to new all-electric systems, and optimize performance to reduce demand.

2

Digitalization and AI



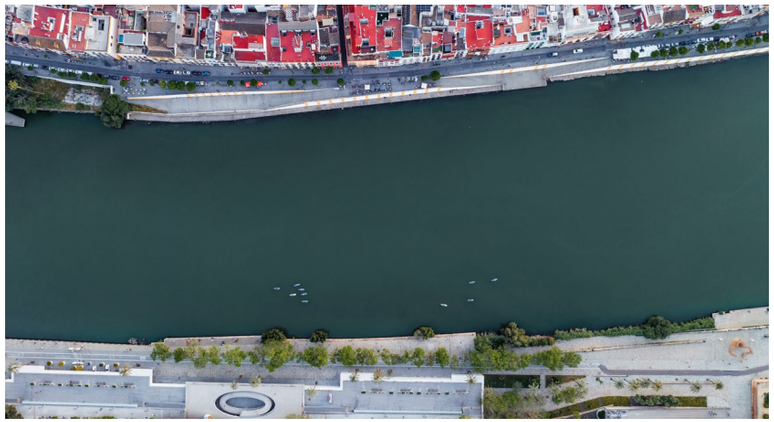
Our digital experts know how to harness innovation throughout design, construction and operation – to create smarter, better places for people as we embrace the opportunities of a changing world by data and technology.

3
Decarbonization



Our goal is regenerative design. To get there, we help our clients to reduce projects' embodied and operational carbon, reuse and enhance existing buildings and adopt circular thinking.

4
Pioneering resilience



The built environment has a huge role to play in protecting and empowering people as the world changes. We create resilient places where communities can thrive and adapt, designed for safety, security and well-being.

5
Innovations in construction

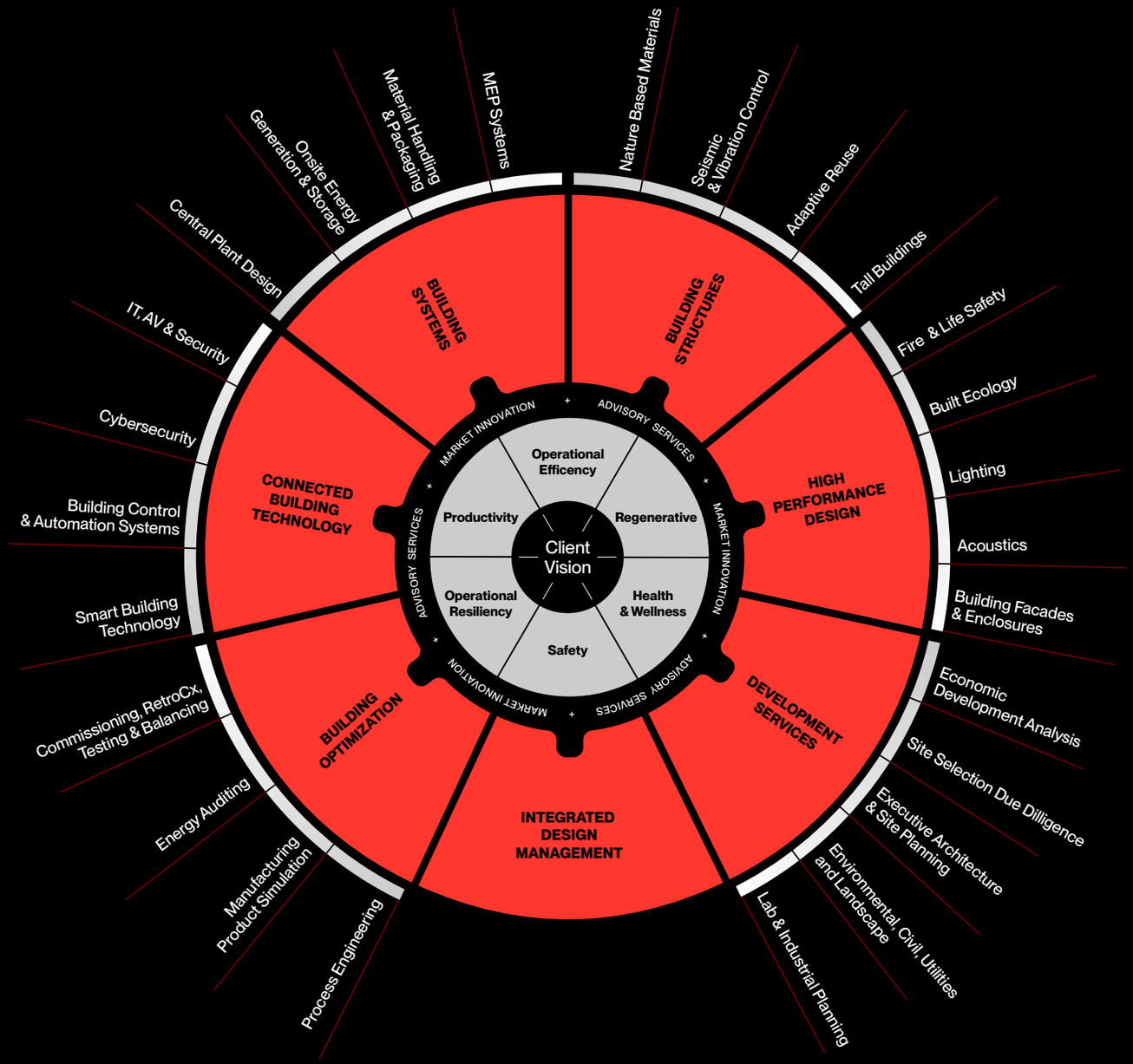


We innovate how projects are designed and delivered for our visionary clients. Using Modern Methods of Construction and Design for Manufacture and Assembly, we combine the latest technology, with our deep technical expertise to create shared, scalable insights.

CONNECT EVERYTHING

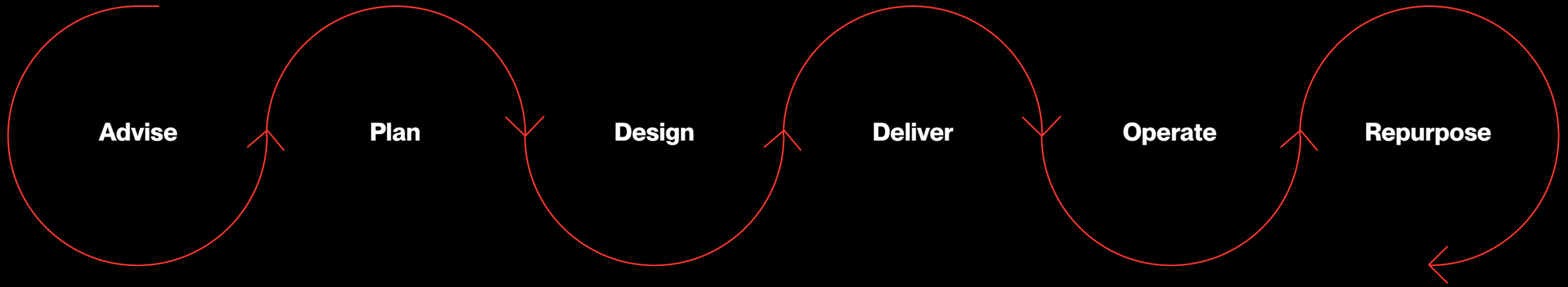
Leveraging our full capabilities

We collaborate with clients to help them realize their vision. Providing a full range of multidisciplinary services and passionate experts who know what it takes to overcome complex challenges and unlock opportunities. The built environment is integral to everything from health and well-being to efficiency and sustainability. That's why everything we do is connected. Designed to optimize the performance of every building, across every sector – and meet clients needs, today and in the future.



SIMPLIFY COMPLEX

Harnessing our expertise across the project life cycle



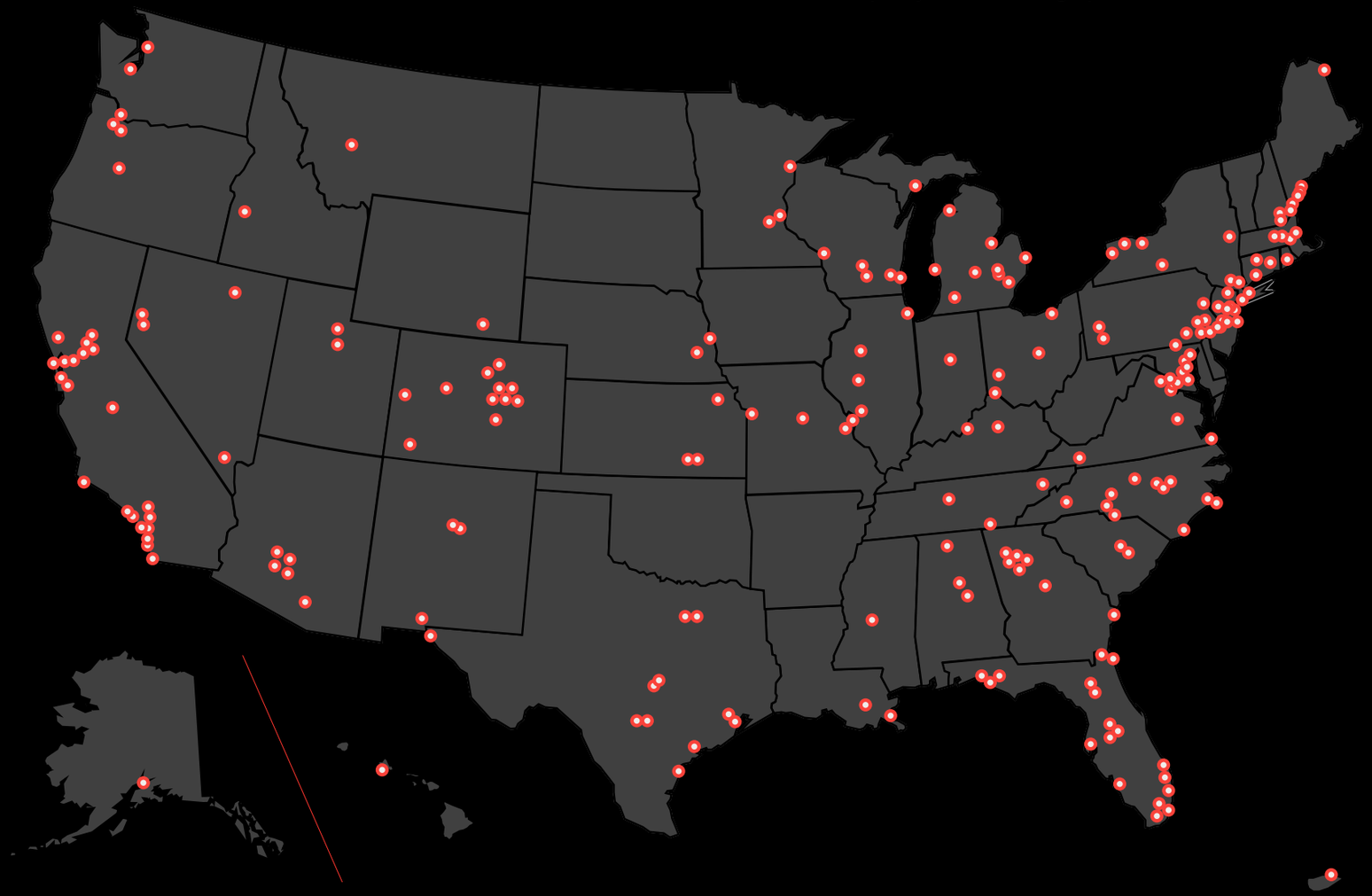
We work across the entire life cycle of the built environment. We're there at the genesis of ideas to guide, collaborate and innovate. We design and deliver projects with world-class engineering, project and program management, science and technology. And stay on board to upgrade, optimize and reimagine buildings and places for new people and purposes.

BE CLOSER

Uniting our local expertise and collective global insight

2,200+

Property and Buildings professionals in the U.S.



Our people live and work in over 40 countries across six continents. Every one of us is a local with a deep understanding of the places we help shape and create. We love our neighborhoods just like the communities we support. When we come together, we leverage the extraordinary power of our global, collective insight and experience to change not just somewhere, but everywhere. We never stop asking questions and learning from each other.

EXPECT DIFFERENT

Exploring what it's like to work with us

We unite our global minds to power local solutions for our clients and communities. So, wherever you are in the world, you can connect and collaborate with the people you need on your next project.

1

AMPLIFY VALUE

Supercharge the value of your assets throughout their lifetime, by unlocking their full commercial, environmental and social potential. We create purpose-driven buildings and neighborhoods aligned to your distinct vision and goals. Places designed to enhance productivity, operational efficiency and resiliency.

2

EMPOWER AMBITION

Make informed decisions about your assets to achieve your strategic ambitions. With our expertise across a building's life cycle, we simplify complexity and deliver your vision.

3

CREATE IMPACT

Harness the power of focused innovation to achieve your strategic ambitions and pioneer change. From creating smarter places for people enabled by digital technologies and AI to reimagining existing buildings for a regenerative, circular economy, we innovate with clarity and purpose.

4

BUILD FOR THE FUTURE

Create flexible buildings and places made to adapt to new purposes and an evolving commercial, environmental and social landscape. We advise and design for the future so you can make insight-led decisions early and be operationally resilient for the future, knowing how people, neighborhoods and regions are likely to change.



The built environment never stands still. Places are constantly evolving as the world around us changes, shaped by a myriad of demands and forces. Our Visioneers are proactive problem solvers who consider the short- and long- term impacts of a project and never stop pushing the boundaries of possibility.

We innovate with purpose across four key areas:

- Process
- Digital
- Sustainability
- Knowledge

Large or small, we share our ideas with clients to help them unlock opportunities, add value and drive performance. From our paradigm-shifting kit-of-parts approach that's transforming building design and construction, to our research analyzing decarbonization strategies across different healthcare systems. We're constantly pushing ourselves and the industry to aim for better.

Better design. Better delivery.
Better experience of place.

RESHAPE THE PROCESS

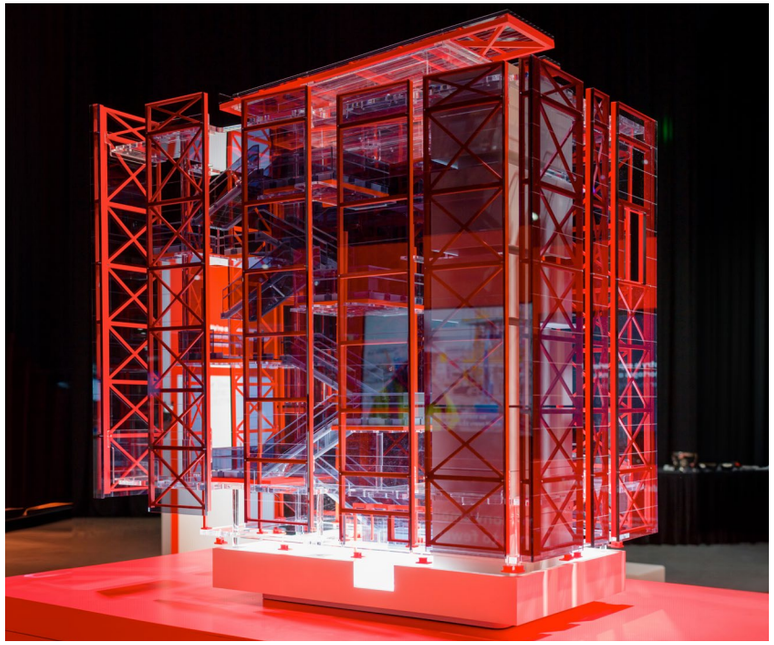
Improving how buildings are designed and delivered

We're on a journey to revolutionize how buildings are designed and delivered, and we're taking our clients with us. From technical innovations enabling repeatability at scale, to our culture of continuous improvement, we're at the forefront of research and development. By unlocking the potential of Modern Methods of Construction and Design for Manufacture and Assembly, we aim to make design and delivery faster, better, and safer for our clients – powered and accelerated by digital technologies.

Meet the kit-of-parts approach

By harnessing the power of digital tools and industrialized construction, and shifting focus from project to program, our expert teams are simplifying decision-making, streamlining design, moving from construction to manufacturing, and applying learning in real-time.

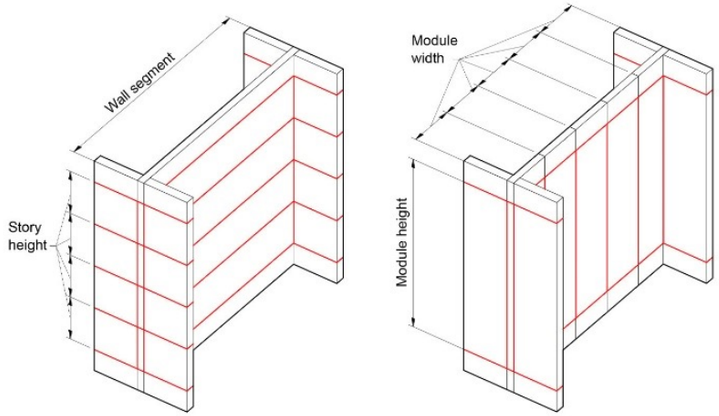
Read more



Change convention with SpeedCore

With guidance from the New York City Department of Buildings, our structural designers are modifying SpeedCore — the game-changing construction system. This composite steel-concrete system can reduce construction time, costs and urban disruptions.

Read more



REDEFINE POTENTIAL

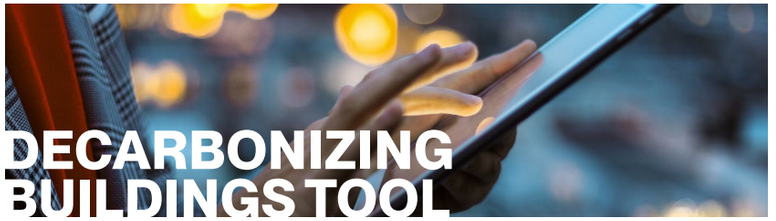
Utilizing digital technology creatively

Human-machine collaboration is changing every facet of the built environment – from how places are designed and made, to how they're used and improved. From digital models and technologies enabling buildings to be enhanced throughout their lifetime, to AI tools optimizing sustainability and resilience, digital is clever stuff. But it's the creativity and ingenuity of our people, who have the know-how to leverage technology effectively across the built environment, that makes the process and the end result truly smart.



We've pioneered a digital tool that allows us to reuse old steel in new buildings. It automatically calculates where the steel can be used in a design, saving hours of design time working this out, and ultimately reducing the amount of virgin material used and the embodied carbon.

Read more about how this is being applied on a project



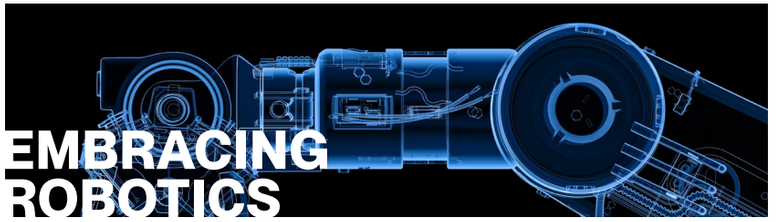
Our schematic buildings decarbonization tool helps to optimize designs at an early stage to inform decision making and help to reduce time and cost.

Read more



Meerkat™ is a groundbreaking ballistic line-of-sight, tech-enabled service, developed by POWER Engineers, a member of WSP, that helps clients to secure their energy network from outside threats.

Read more



From automated carparking systems to robotic baggage handling systems and central laundry services to smart logistics, we're enabling a new era of operations.

Read more about how we're enabling robotics in a hospital

SEIZE OPPORTUNITY

Driving decarbonization, sustainability and circularity

As world shapers and impact makers, we have a vital role to play in creating more sustainable, climate resilient neighborhoods and cities. From reusing existing buildings and materials to exploring regenerative design, we seize opportunities to make a positive difference. With our specialist teams leading the way, we're upskilling and empowering our people to embed sustainable practices and help clients create business resilience.



EXPLORING

nine healthcare systems' journeys to Net Zero through research and insights from our experts in our Healthcare Beyond Carbon white paper.

Read more



ENABLING

better design decisions from the start. Our parametric co-design tool helps clients choose the best low carbon design, aligning with the architect's vision at the earliest stage.

Read more



PARTNERING

with Brookfield Asset Management and Schneider Electric to create a structured methodology for planning commercial real estate portfolio decarbonization.

Read more



TRANSFORMING

spaces using circular and sustainable principles to improve operational efficiency.

Read more

TAP INTO BRILLIANCE

Sharing knowledge and expertise around the world

Our people are our greatest strength and that shines through everything we do. Think of us as a human library full of knowledge, resources and incredible solutions. A network of local experts sharing best practice with the world. Curious minds that never stop exploring and discovering. How? Why? What if? Through collaboration and knowledge sharing, we continually drive innovation to deliver exemplar projects for our clients that set the high standards that we believe can become the norm.







Practice Area Networks

Our Practice Area Networks (PANs) are our internal professional communities of practice, available to all our employees.. There are over 140 multidisciplinary PANs connecting our bright minds around the world.

NextGen Leadership Program

Our NextGen Leadership Program brings together promising leaders from around the world to nurture new and homegrown talent, collaborate on live projects and exchange ideas.

Our global leadership networks

We're constantly collaborating and sharing knowledge. This is driven throughout our business by our global leadership networks.



From critical infrastructure to commercial development, we are pioneering solutions for our clients one precious location and community at a time.

CRITICAL INFRASTRUCTURE

As a worldwide community of experienced local experts, we help deliver the critical infrastructure societies need to stay safe, healthy, secure and connected. In an ever-changing world, it demands more than technical expertise. It takes the vision, integrity and courage to challenge the status quo, solve challenges and accelerate potential. Inside the facilities we create, lives are being saved, breakthroughs made, and generations protected. Our aim is to make them sustainable, resilient, adaptable and perform brilliantly.

- Data centers
- Energy
- Healthcare
- Manufacturing
- Science

DATA CENTERS

Digital information powers every aspect of our lives. Collaborating across continents, our innovative engineers, environmental experts and strategic thinkers offer multidisciplinary solutions that accelerate data center infrastructure to unlock human potential.

Clients and partners rely on our experience and responsiveness. Together, we're tackling their challenges with energy availability, site selection, sustainability goals and most importantly, their need for speed to market.

It's time to rethink the critical, by evolving for AI, conserving natural resources and better connecting our world.

1. **Adapt for AI**
   Evolve to keep pace with change and increase speed to market.

2. **Be more sustainable**
   Be a better contributing neighbor and give waste heat to the community to power agriculture or share fiber connectivity.

3. **Harness renewables**
   Solve power grid availability challenges by using waste wind energy to run modular data centers at the source.

4. **Conserve water and energy**
   Reduce freshwater use by using hybrid cooling systems, designing onsite treatment plants or reusing water for improved energy efficiency.

5. **Bridge the power gap**
   Mobilize alternative power sources when utility companies can't deliver on time.

For more information about our data center expertise visit our website →











ENERGY

Society depends on energy for everything. It powers our lives as individuals and communities and enables economies and innovation to thrive. Together, we're transforming how energy is made, moved and used for a deeply connected, lower carbon world. Unlocking opportunities to meet the rising demand for secure, resilient, sustainable supplies.

1. **Consolidated Edison Utility Thermal Network Pilot Program, New York**
We're collaborating on two TEN pilot projects, including at Rockefeller Center, where we're distributing energy between neighboring commercial office towers, and in Chelsea, where we are recovering heat from two data centers to support nearby public housing.
Read more →

2. **Raven SR Renewable Hydrogen Facilities, California**
This project provided design and planning for waste-to-hydrogen production facilities that will provide renewable fuel to more than 250 hydrogen hubs and additional off-take customers throughout the U.S. and internationally.

3. **Confidential Client Uninterrupted Power Plant, Texas**
Due diligence and design concepts were provided for an Uninterrupted Power Plant that leverages solar photovoltaics coupled to Battery Energy Storage Systems (BESS), a project driven by intelligent control and energy cost sequencing.







← PREVIOUS ↑ NEXT →

HEALTHCARE

As a leader in healthcare design, we think differently about how to create positive experiences and nurturing, sustainable environments for everyone – from patients and their families to clinical and support staff delivering life-saving care.

1. **Cedar Hill Regional Medical Center, Washington, D.C.**
The first new hospital in D.C. in more than 20 years brings trauma care and design for "pandemic mode" care to underserved communities east of the Anacostia River.
IMAGE: Alan Karchmer

2. **Arthur M. Blank Children's Hospital, Atlanta, Georgia**
MEP, lighting, fire and life safety, and sustainable design for the two million-square-foot hospital; a unique paediatric healing environment, balancing nature and technology.
Read more →
IMAGE: Jeremiah Hull

3. **Mary Bridge Children's Hospital, Tacoma, Washington**
This children's hospital features a child-centric environment that prioritizes comfort, healing and play through attention paid to air quality, sustainability, lighting and technology integrations.
IMAGE: ESa (Earl Swensson Associates)

4. **Malone Family Tower at Maine Medical Center, Portland, Oregon**
This award-winning hospital addition introduces new cardiac care capabilities to the Northeast, all in a new 250,000-square-foot, LEED-certified facility.
Read more →
IMAGE: Anton Grassl, 2024

5. **UCI Medical Center Irvine, California**
We've designed the MEP and lighting for the U.S.' first all-electric acute care hospital.
Read more →
IMAGE: CO Architects











MANUFACTURING

Across the world, our local teams are at the forefront of change, helping to pioneer the next industrial revolution. Every sector is rising to new challenges and opportunities. From digital processes and facilities driven by AI technologies to the electrification of energy. It's our job to deliver the future – enabling our clients to innovate, adapt and create lasting social value.

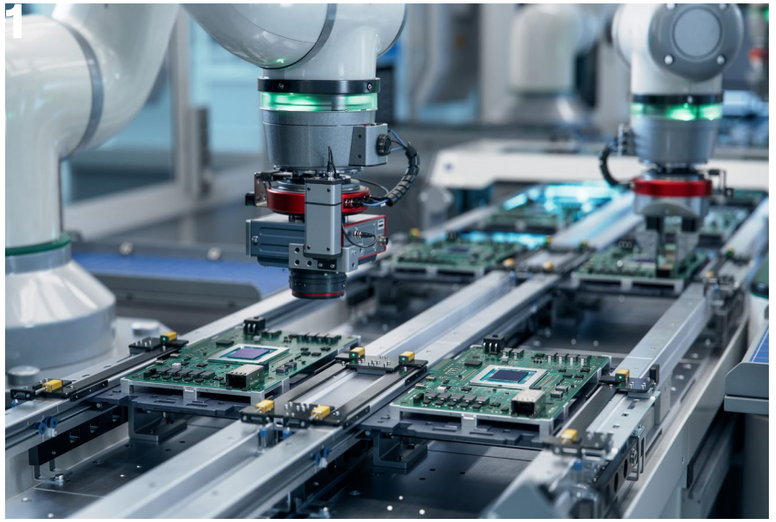
1. **Silicon Carbide Manufacturing Facility, North Carolina**
   Multidisciplinary engineering for a 2.4 million-square-foot advanced manufacturing center; the largest silicon carbide materials facility in the world.
   Read more →

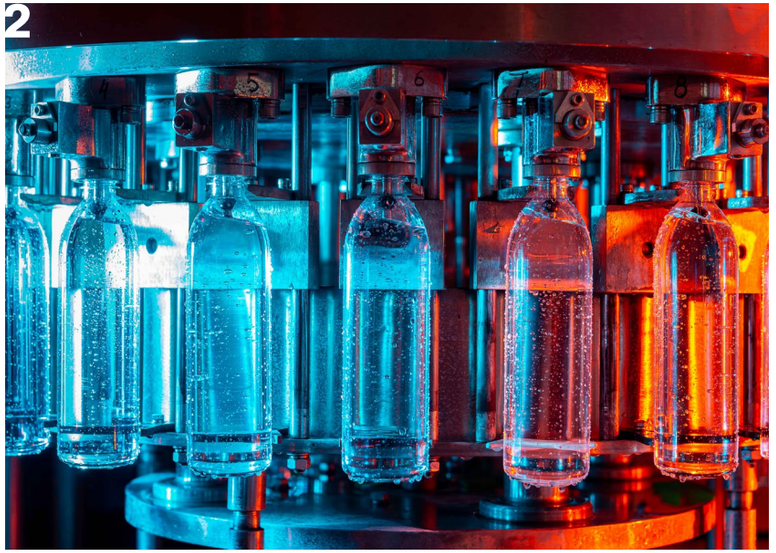
2. **Confidential Beverage Production Facility, Arizona**
   From site selection to justification documents for funding, through design and construction, we worked alongside the client to improve operations and increase resilience as they expand into new markets.

3. **Audi Automotive Plant, Puebla, Mexico**
   Scaled to manufacture 150,000 cars a year, this new 3.5 million-square-foot plant was designed to reduce energy consumption and maintenance costs while also treating and re-using wastewater.

4. **Rockwool, Wallula, Washington**
   A new 560,000-square-foot manufacturing campus will facilitate the production of mineral wool fiber insulation from crushed basalt rock and also includes design for a LEED Gold-targeted office administrative building.

5. **Canola Seed Facility, U.S.**
   Our team transformed a former grain drying site into the largest canola oil plant west of the Rockies, a high-performing facility with round-the-clock, innovative operations.











← PREVIOUS ↑ NEXT →

PHARMACEUTICALS & LIFE SCIENCES

We help our clients seize new opportunities, pioneer change and stay competitive in this constantly evolving and vital sector. To meet the demand for new advancements, our clients must accelerate research and development and upscale production, while adapting to trends such as ageing populations and personalized medicine. We work with a range of clients from emerging biotech firms through to world-renowned research institutions and multinational pharmaceutical companies – to plan, design, build, commission and support their pioneering facilities.

1. **Adimab, Lebanon, New Hampshire**
   Sustainable and highly technical, our mass timber engineers helped to realize this precision-crafted, 28,000-square-foot laboratory.
   Read more →
   IMAGE CREDIT: Timothy Downing

2. **New York Public Health Lab, New York**
   The new 230,000-square-foot public health laboratory is critical to NYC's infrastructure and will house state-of-the-art testing and research spaces.

3. **Neurocrine Aperture, San Diego, California**
   This ground-up life science development for San Diego's largest biopharmaceutical company brings a variety of lab, administrative, and amenity spaces to a 15-acre campus.
   IMAGE CREDIT: IanPatzkePhotography

4. **The 105, Boston, Massachusetts**
   Developed for CRISPR Therapeutics, The 105 is a Class A collaborative and experience-focused biotechnology development along Boston's waterfront, a growing hub for life sciences.
   Read more →
   IMAGE CREDIT: Tishman Speyer / Breakthrough Properties

5. **Muse at Torrey Pines, San Diego, California**
   Our building services engineers helped to transform three existing buildings into a Class A campus designed to serve San Diego's burgeoning life sciences community.
   Read more →
   IMAGE CREDIT: Studio512











← PREVIOUS ↑ NEXT →

SCIENCE

Scientific discovery is integral to who we are as humans, driving our infinite search for new horizons. We design, deliver and collaborate on the groundbreaking facilities supporting the pursuit of progress, each one as remarkable as the innovation it enables. Everything is meticulously planned for the safety, comfort and well-being of the people we rely on to advance humanity. From life-saving medical breakthroughs to era-defining space exploration.

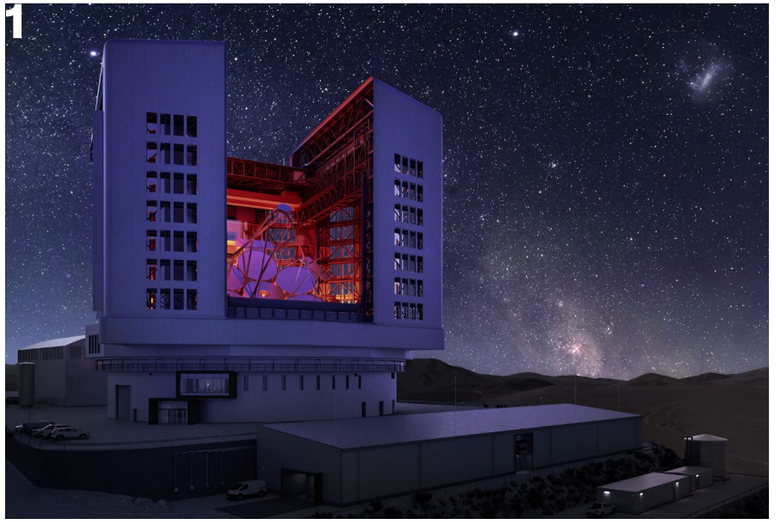
1. **Giant Magellan Telescope, Atacama Desert, Chile**
   We're part of a global, collaborative project engineering the world's most powerful telescope. Once it becomes operational in the late 2020s, it will revolutionize humanity's understanding of the universe.
   Read more →

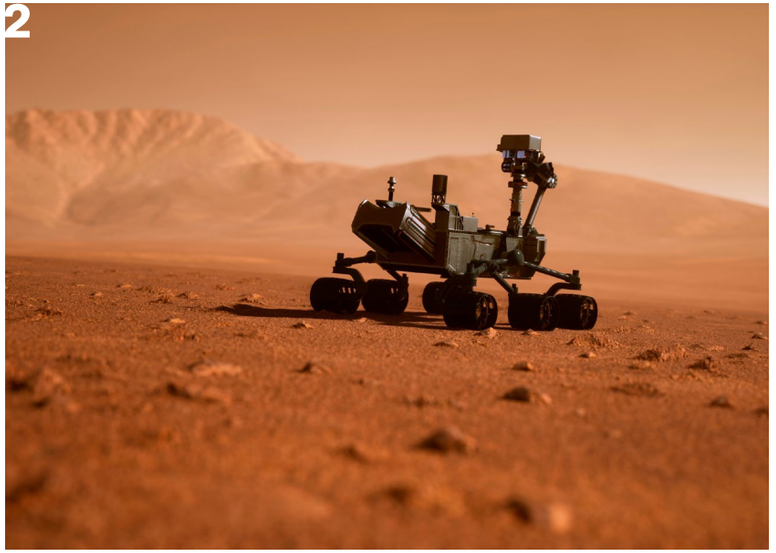
2. **NASA's Mars Sample Receiving Facility, U.S.**
   Our experts are pioneering a high containment lab to safely hold extraterrestrial material and provide a space for scientists to analyse samples from Mars in a pristine environment.

3. **CDC High-Containment Continuity Laboratory, Atlanta, Georgia**
   We're helping to plan and design one of the world's safest virus research buildings – enabling Centers for Disease Control and Prevention scientists to anticipate, identify and manage future risks to human health.

4. **Illinois Quantum and Microelectronics Park, Chicago, Illinois**
   An infill site that formerly held the world's largest steel foundry, the dynamic lakefront campus will now offer a collective of advanced facilities designed to accelerate humanity's computing capacity and provide new tools for global problem solving.
   Read more →

5. **Brazilian Center for Research in Energy and Materials, Project Orion, Brazil**
   Orion is a laboratory complex for advanced pathogen research. The plans for Orion include Latin America's first maximum biological containment facilities (BSL-4), the only laboratory of its kind in the world connected to a synchrotron light source, Sirius.











SOCIAL INFRASTRUCTURE

We create the sustainable, inclusive social infrastructure needed to help people and communities thrive. Now and in the future. From education and leisure to culture and green spaces, it underpins quality of life in our neighborhoods, cities and regions. Social infrastructure provides people with the services, facilities and shared public spaces they need, but it also represents something much deeper – inclusivity.

These are the places we find meaning and common ground, connect with each other and feel part of a community. The places we belong. Creating them takes true collaboration and a genuine understanding of people's changing needs to make a lasting difference.

- Cultural
- Education
- Historic spaces
- Public buildings
- Residential
- Sports and events
- Urban regeneration

CULTURAL

Culture and place are intimately connected, each one defining and shaping the other. From galleries and museums to performance venues and community spaces, we've helped to create and evolve some of the world's most stunning cultural landmarks. Extraordinary collaborations between cultural visionaries, passionate audiences and the collective expertise of our multidisciplinary teams. Sensory experiences each with their own unique purpose.

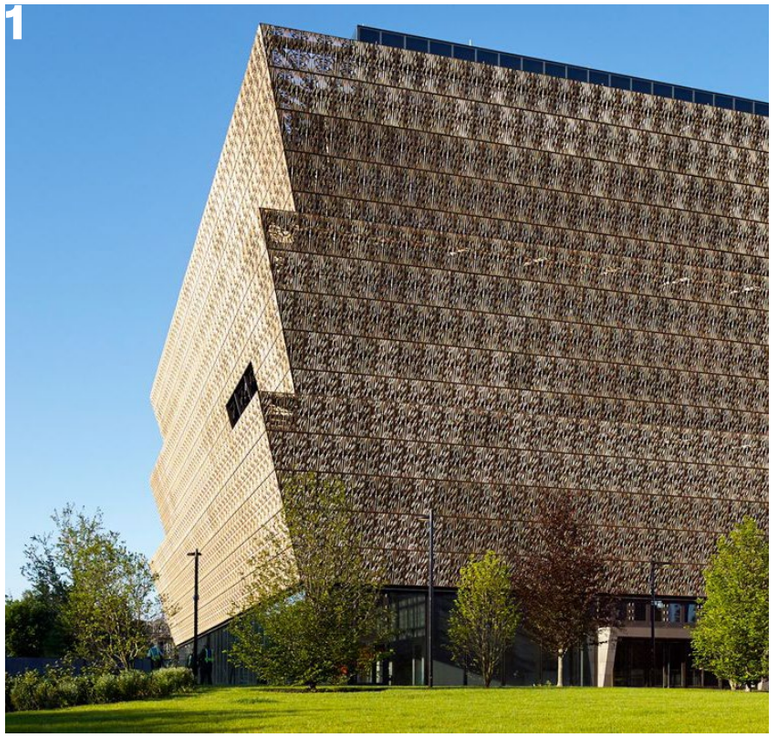
1. **National Museum of African American History and Culture, Washington, D.C.**
Our team was involved with the stunning museum that not only represents an important aspect of American culture but also integrates impactful sustainability solutions.
Read more →
IMAGE CREDIT: ©ALAN KARCHMER/NMAAHC

2. **The Getty Center, Los Angeles, California**
Complex structural engineering helps provide resilience for this 110-acre site that brings people together around art and research in the Santa Monica Mountains.
Read more →

3. **National September 11 Memorial and Museum, New York, New York**
Located at the World Trade Center site, this memorial and museum commemorate the lives lost in attacks in 1993 and 2001. It is now a designated federal landmark.
Read more →

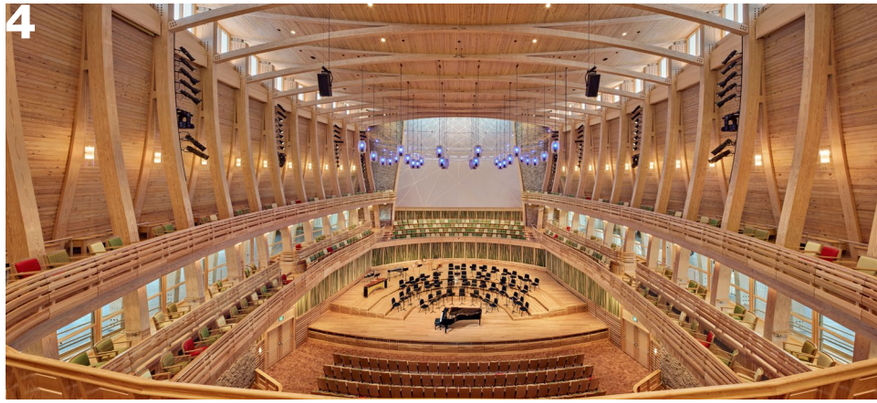
4. **Groton Hill Music Center, Groton, Massachusetts**
WSP designed a timber-framed music center featuring a 1,000-seat concert hall, a 300-seat recital hall, teaching and performance spaces, and a jazz club—creating a visually striking, acoustically elite venue that brings the power of music to every member of the community.
Read more →
IMAGE CREDIT: Robert Benson Photography

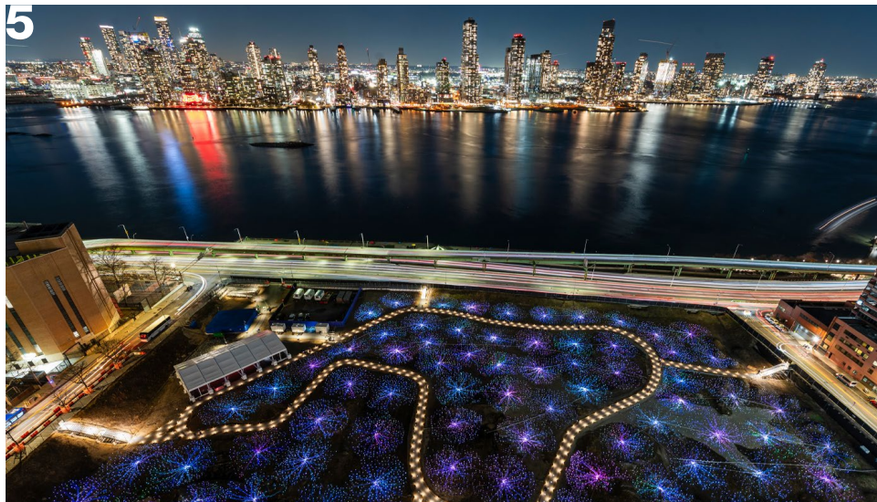
5. **Field of Light Installation, New York, New York**
Our lighting experts helped craft a dazzling exhibition at Freedom Plaza along NYC's East River, creating an immersive public art experience meant to be easily constructed and taken down.
Read more →
IMAGE CREDIT: Gruber Photographers











← PREVIOUS ↑ NEXT →

EDUCATION

We are all shaped by the places that first nurtured our curious minds. We take that sense of wonder and discovery into every education project – from nurseries, schools and colleges to the world's most prestigious universities. Our bright minds know how to transform buildings into inspiring and inclusive learning environments, unlocking the potential of every student to learn, grow and make their own extraordinary contribution to the world.

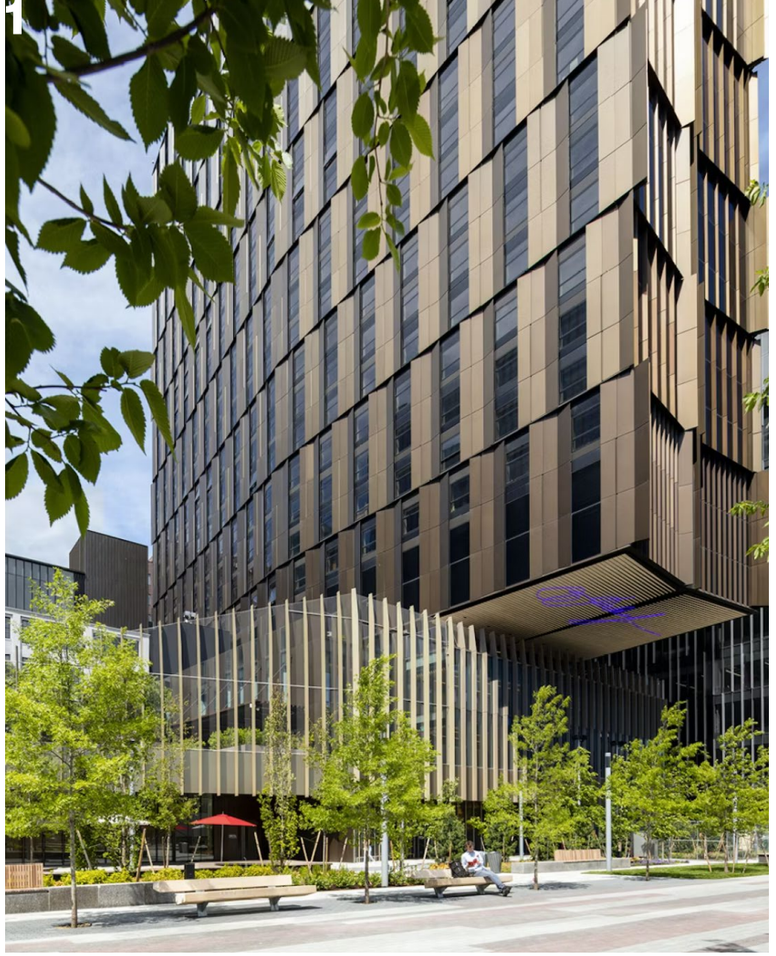
1. **Site 4 at Massachusetts Institute of Technology, Cambridge, Massachusetts**
This award-winning project included the renovation of two existing buildings as well as a new 28-story tower for graduate housing.
Read more →
IMAGE CREDIT: John Horner

2. **Lindemann Performing Arts Center, Providence, Rhode Island**
Our engineers took on the challenge of creating this venue for Brown University – one of the most versatile buildings of its kind, complete with a floating glass lobby and multifunctional performance hall.
Read more →

3. **Johns Hopkins University Bloomberg Center, Washington, D.C.**
We were involved in the adaptive reuse of this former museum into a cutting-edge graduate academic and research building, delivered through multidisciplinary collaboration.
Read more →
IMAGE CREDIT: Alan Karchmer/OTTO

4. **Decarbonization Studies at University of California, Los Angeles, California**
Campus-wide analysis of energy use helped inform pathways toward decarbonization in support of the University's goals
Read more →

5. **Vagelos Innovation Laboratories at Columbia University, New York, New York**
Part of the College of Physicians and Surgeons, this new eight-story biomedical hub will house the first all-electric lab in New York City.
IMAGE CREDIT: KPF











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EXISTING BUILDINGS

With approximately 80% of the world's existing buildings estimated to still be standing in 2050, there is a huge opportunity to reuse them to reduce carbon emissions and save resources while increasing their resilience to climate change and maximizing their social, commercial and environmental impact. We're helping our clients reuse their existing buildings through creative design, technological expertise and our passion to change the world for the better.

1. **One Westside, Los Angeles, California**
   From an abandoned mall to a vibrant science campus, design for this adaptive reuse project highlights what's possible with smart structural engineering and circular thinking.

2. **The Tin Building by Jean-Georges, New York, New York**
   We revitalized this historic building to create a neighborhood destination focused on sustainable retail – combining adaptive reuse, coastal resiliency measures and authentic preservation.
   Read more →
   IMAGE CREDIT: Mike Van Tassell

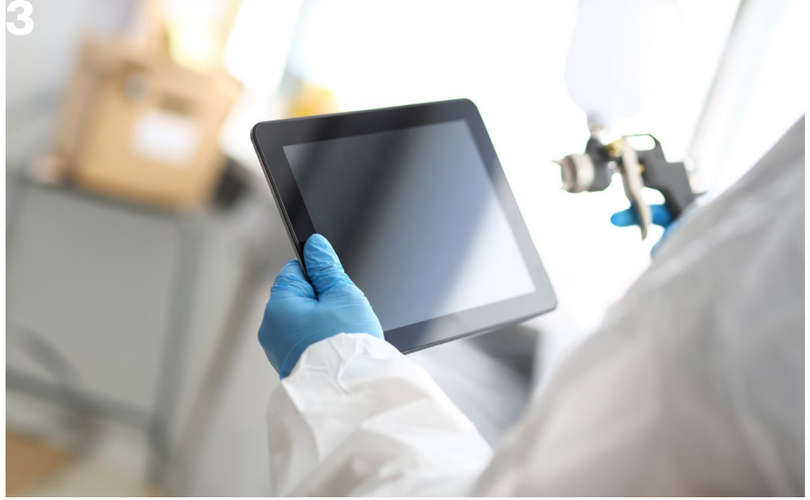
3. **Nutritional Facility Retrofit, U.S.**
   We transformed a four-story office building into a high-tech pilot plant for a Fortune 500 food and beverage client.

4. **Rubin Hall at New York University, New York, New York**
   This former gilded age hotel is now a climate-friendly student housing space and the largest Passive House residential development in the world.
   Read more →

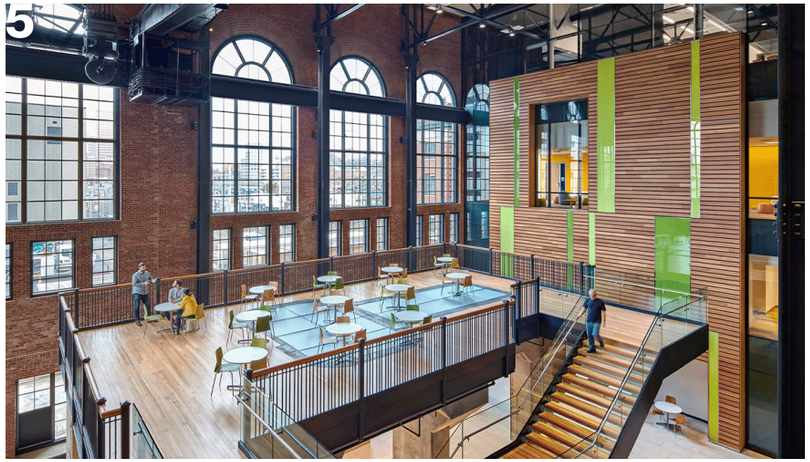
5. **South Street Landing, Providence, Rhode Island**
   Once an electrical power station, this historic renovation and adaptive reuse is now an activated academic environment shared by multiple colleges in universities in Rhode Island.
   Read more →











GOVERNMENT

Government buildings are often iconic landmarks that define a skyline and provide essential, behind-the-scenes services within their communities. They lead the way for national and local aspirations too – meeting ambitious targets for sustainability, innovation and well-being. We work with governments and municipalities around the world. Creating inclusive, adaptable, resilient places designed to provide long-term social, environmental and economic benefits.

1. **U.S. Land Port of Entry, Madawaska, Maine**
   This new SITES-certified facility is a testament to nature-positive landscape design, building sustainability and overall resilience strategies.
   Read more →
   IMAGE CREDIT: Paul Warchol

2. **National Bio and Agro-Defense Facility, Manhattan, Kansas**
   Located on the Kansas State University campus, this new Biosafety Level 4 laboratory center facilitates research within the areas of agriculture and public health.
   Read more →

3. **NOAA Inouye Regional Research Center, Honolulu, Hawaii**
   This 300,000-square-foot research facility facilitates important while also being highly sustainable, having been certified LEED Gold and recognized by the AIA Committee on the Environment.
   Read more →
   IMAGE CREDIT: Alan Karchmer

4. **Silvio J. Mollo Building Renovation, New York, New York**
   Adaptive reuse into an all-electric workplace targeting LEED Platinum and International Living Future Institute Zero Carbon certifications.
   IMAGE CREDIT: Krueck Sexton Partners

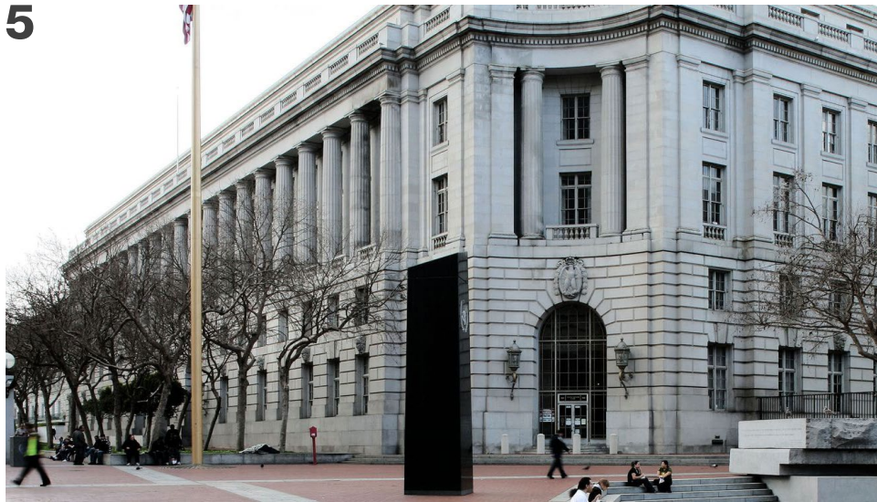
5. **50 UN Plaza, San Francisco, California**
   Our team performed a sensitive modernization for this 77-year-old building's first upgrade effort, acknowledging its nationally recognized status as both a landmark and historic place.
   Read more →











RESIDENTIAL

Homes are integral to who we are as individuals and communities, and essential to our safety, security, health and well-being. Our local teams understand how to make places feel like home. Comfortable, adaptable, high-performing buildings. Vibrant locations that bring people together and connect us with nature, culture and transport. All these things are vital to improve our quality of life.

1. **One Dalton, Boston, Massachusetts**
At 61 stories tall, One Dalton is the tallest residential tower in New England, delivered through multidiscipline design collaboration.
Read more →
IMAGE CREDIT: Cambridge Seven Associates, Inc. and Pei Cobb Freed & Partners

2. **111 W 57th, Manhattan, New York**
Super slender and ultra classy, this new skyscraper project also included the complete restoration of the 1923 Steinway building, an Art Deco landmark for the city.
Read more →
IMAGE CREDIT: JDS

3. **OneEleven, Chicago, Illinois**
An award-winning revitalization project along the storied Chicago River, this high-rise residential building brings 58 stories of urban living to the neighborhood.
Read more →
IMAGE CREDIT: Steve Hall, Hedrich Blessing

4. **Bechtel Residences, Pasadena, California**
Located on the CalTech campus, this stylish LEED-platinum and Zero Net Energy-ready dormitory brings building performance to a new level.
Read more →
IMAGE CREDIT: ©BRUCE DAMONTE

5. **New York City Housing Authority Building Portfolio Analysis and Decarb Tool, New York**
We provided decarbonization strategy, building portfolio analysis, and tool development services to assess energy and carbon reduction opportunities at 335 developments across the city.











SPORTS & EVENTS

Sports bring people together, fostering local identity and pride. Working on some of the most iconic venues in the world, so we know how to create maximum impact. Breathtaking arenas that define cities and thrill audiences. World-class community facilities that enhance health and well-being and nurture new talent. Much-loved buildings reimagined for the next generation. These are the places where dreams are made.

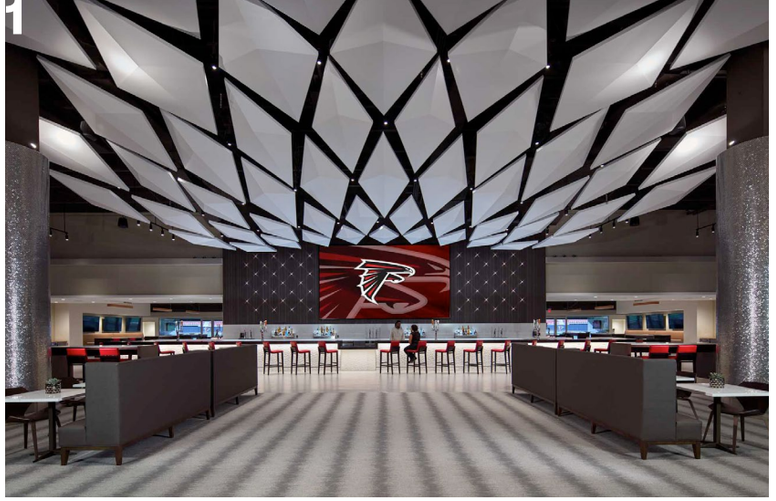
1. **Mercedes Benz Stadium, Atlanta, Georgia**
   Our multiple design disciplines united to create this striking, high-performance multipurpose building for professional athletes.
   Read more →
   IMAGE CREDIT: Brian Gassel Photography

2. **Claro Arena, Santiago, Chile**
   By working closely with local people, our experts designed an innovative retrofit that will expand capacity and dramatically reduce the venue's impact on the environment and its neighbors.
   Read more →

3. **Allegiant Stadium, Las Vegas, Nevada**
   Our lighting designers created this award-winning, energy-efficient scheme for NFL's Las Vegas Raiders – transforming the fan experience and design aesthetic of the stadium.
   Read more →
   IMAGE CREDIT: Jason O'Rear

4. **USTA Arthur Ashe Renovation, Queens, New York**
   The world's largest tennis venue is getting a multi-year phased renovation to better meet the needs of players and fans that flock to the Billie Jean King Tennis Center for the U.S. Open each year.
   Read more →
   IMAGE CREDIT: ©ROSSETTI

5. **Memorial Auditorium Renovation and New Practice Facility, Dallas, Texas**
   The renovation will modernize the arena's facilities and improve user experience while preserving its historic significance, as the new facility adds critical programming.











← PREVIOUS ↑ NEXT →

URBAN REVITALIZATION

Urban revitalization weaves together all the physical, social and environmental aspects needed to make the built environment human. We plan, design and deliver spaces to enhance social cohesion and mobility, while valuing the tangible and intangible things that define a neighborhood. Reimagining existing buildings in new ways. Preserving heritage and culture. Enhancing nature. When we do that and communities flourish, we've helped to create a place.

1. **Gas Worx, Tampa, Florida**
   This 50-acre development will reconnect a community with its rich cultural heritage and reestablish the area as a crossroads of diversity. The first phase, a mix of new and adaptive reuse, will include 1,250 affordable and market-rate residential units.

2. **Enterprise Research Campus, Boston, Massachusetts**
   The campus transforms a former industrial rail yard into a pedestrian-friendly mixed-use space for Harvard University and other stakeholders. Our team provided structural engineering for three buildings on the campus.
   IMAGE CREDIT: MVRDV

3. **Eastvale Civic Center, Eastvale, California**
   The Eastvale Civic Center, an all-electric and solar-powered campus featuring City Hall, a LEED-Silver library, and a sheriff's station, creates a flexible, energy-efficient hub that transforms car-centric Southern California into a walkable community destination.
   IMAGE CREDIT: Gensler

4. **Gratiot Innovation District, Detroit, Michigan**
   Part of the revitalization of downtown Detroit, the Gratiot district will transform a former detention center site into a public amenity with a park, healthcare and retail spaces while addressing critical environmental stewardship needs in the area.
   IMAGE CREDIT: Perkins&Will









PREVIOUS NEXT

COMMERCIAL

Two objectives guide how we approach commercial projects. The first is to provide the very best environments for people to live and work. The second is to deliver a higher return on investment for our clients throughout the lifetime of their buildings. We plan, design and deliver the smart, super-efficient, people-centric places our clients are looking for. Spaces that nurture businesses. New neighborhoods with the right mix of amenities. Vibrant destinations to attract people and support growth.

- Hospitality
- Mixed-use
- Retail
- Workplace

HOSPITALITY

For people and places around the world, leisure is a serious business. The right approach can transform neighborhoods and cities and bring value to communities. As locals ourselves, we understand what it takes to create places people love. Hotels that breathe new life into existing architecture. Leisure experiences that push the boundaries of luxury, relaxation and adventure. Every project is an opportunity to do something extraordinary.

1. **The Edition Hotel, Hollywood, California**
   Our design team's focus for this luxury hotel was to create not only an unassuming yet breathtaking structure but also a memorable visitor experience.
   Read more →
   IMAGE CREDIT: © Edition Hotels / Nikolas Koenig

2. **RIU Plaza Hotel, Chicago, Illinois**
   A striking 28-story addition to the city's iconic skyline, brings 380 rooms and vibrant amenities to the heart of Streeterville, one of Chicago's most dynamic neighborhoods.

3. **Century Plaza, Los Angeles, California**
   Delivered through performance-based design, Century Plaza included the renovation of a historic hotel and two new residential towers, bringing 1.1 million-square-feet of space to this vibrant district.
   Read more →

4. **Limelight Mammoth Hotel, Mammoth Lakes, California**
   Nestled in California's Sierra Nevada mountains, this luxury hotel and private residences bring vibrancy to a town known for its rugged landscape and recreation experiences.
   IMAGE CREDIT: WATG

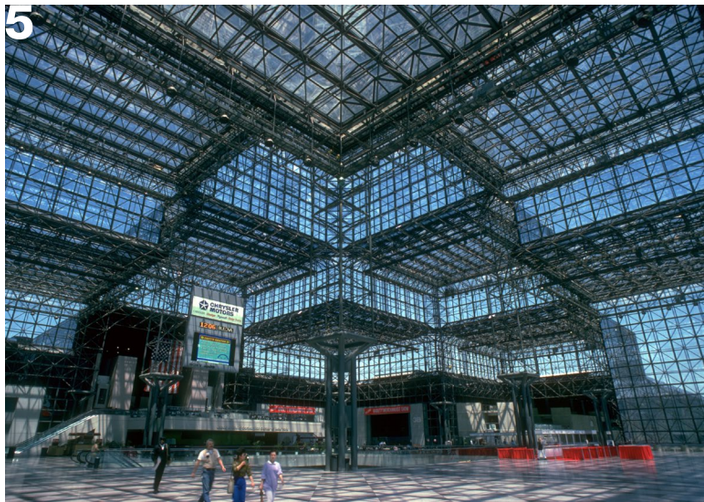
5. **Jacob K. Javits Center, New York, New York**
   A major renovation to this convention center achieved approximately 25% energy reduction within the facility, with net-zero events planning following as a second step.











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MIXED-USE

The impacts of climate change, digital transformation and society's evolving needs bring many challenges, but also many opportunities for investors, developers and occupiers. We know how to make the best use of a place. Creating efficient, flexible buildings that reflect how people want to live and work today. Vibrant, amenity-rich places that enhance connection and support growth, now and for the future.

1. **175 Park, Manhattan, New York**
   This new supertall that abuts Grand Central Station brings office, hotel and retail to midtown Manhattan.
   Read more →
   IMAGE CREDIT: Ekoo Media, Inc./Skidmore, Owings & Merrill

2. **The Spiral, New York, New York**
   A new human-centric office designed to inspire fresh ideas. We helped create landscaped terraces as part of our structural design, giving uninterrupted sky views from every floor.
   Read more →
   IMAGE CREDIT: Binyan Studios

3. **Crossroads Hollywood, Los Angeles, California**
   Phase one of Crossroads Hollywood will bring 1.4 million-square-feet of residential, hospitality and retail space to the neighborhood, as well as revitalizing local historic creative space.
   Read more →
   IMAGE CREDIT: MVE + Partners

4. **Winthrop Center, Boston, Massachusetts**
   Winthrop Center is a vibrant mixed-use tower that brings together the best of city living and introduces an innovative public space, The Connector, where people can gather, shop and dine. It's also the largest Passive House office building in the world.
   IMAGE CREDIT:

5. **Stone34, Seattle, Washington**
   This 120,000-square-foot, five-story mixed-use building was guided by the City of Seattle's Living Building Pilot Program, one of the most stringent green building certifications in the world.
   Read more →
   IMAGE CREDIT:











← PREVIOUS ↑ NEXT →

RETAIL

Retail has evolved into an experience – with shops and malls becoming leisure and lifestyle destinations. The best places combine a carefully curated collection of evolving brands, activities and events – in a mix of adaptable spaces thoughtfully designed for exploring, socializing, playing and relaxing. Our multidisciplinary teams work on projects of all kinds, from individual stores and shopping malls to flagship new builds and full refurbishments.

1. **Tiffany & Co, New York, New York**
   Innovation, transformation and glittering diamonds are all part of the company's brand and the reimagining of its historic flagship store, delivered by our multidisciplinary engineers.
   Read more →

2. **Rodeo 39 Public Market, Stanton, California**
   From a vacant lot to a vibrant food and gathering hall, Rodeo 39 highlights the power of redevelopment in building community.
   Read more →
   IMAGE CREDIT: JOHN BARE AND BRAD NELSON

3. **Net Zero McDonald's, Orlando, Florida**
   This flagship location at Walt Disney World Resort operates entirely on renewable energy, exemplifying sustainable design and engineering innovation.
   IMAGE CREDIT: ©KATE JOYCE STUDIOS/ROSS BARNEY ARCHITECTS

4. **Fashion Island Reimagining, Newport Beach, California**
   Our team was involved with the revitalization of this 1.2-million-square-feet open-air shopping destination that still preserved the center's iconic character.
   IMAGE CREDIT: Brad Nelson

5. **Jumpman, Los Angeles, California**
   Jumpman's new flagship store is a 24,000-square-foot tenant improvement of a historic building, complete with a product lounge, sports-science-equipped flight lab and a full regulation-size rooftop basketball court.
   IMAGE CREDIT: Jordan











WORKPLACE

We collaborate with employers to create thriving workplaces that retain and attract talent. Our experts understand how to bring company culture to life through every detail – uniting physical and digital elements so everyone is connected. Great workplaces put people first and empower them. Enhancing everything from health and well-being, to creativity, collaboration and focus. They are also sustainable and responsible – a force for good in the communities they belong to.

1. **L'Oreal Research and Innovation Center, Clark, New Jersey**
   This project encompassed 158,000-square-feet of new construction and renovation of 93,500-square-feet on a site the company had occupied for 60 years. The campus brings together over 550 employees across product innovation, development and testing divisions.

2. **Second Century, Burbank, California**
   Warner Bros.' iconic headquarters was designed by Gehry Partners in honor of the studio's 100th anniversary.
   Read more →
   IMAGE CREDIT: ©Tim Hursley

3. **Salesforce Tower, San Francisco, California**
   The tallest tower in San Francisco is a model for sustainable, modern workplaces that promote the user experience.
   Read more →

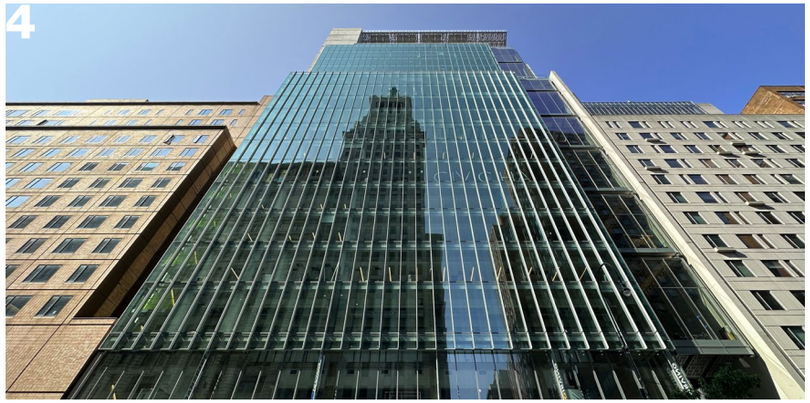
4. **Zero Irving, New York, New York**
   Zero Irving brings 21 stories of high performing, tech-forward workspaces to Union Square in a Class A building that's been recognized by Urban Living Institute for excellence in office development.
   IMAGE CREDIT: Michael Young @mchlanglo793

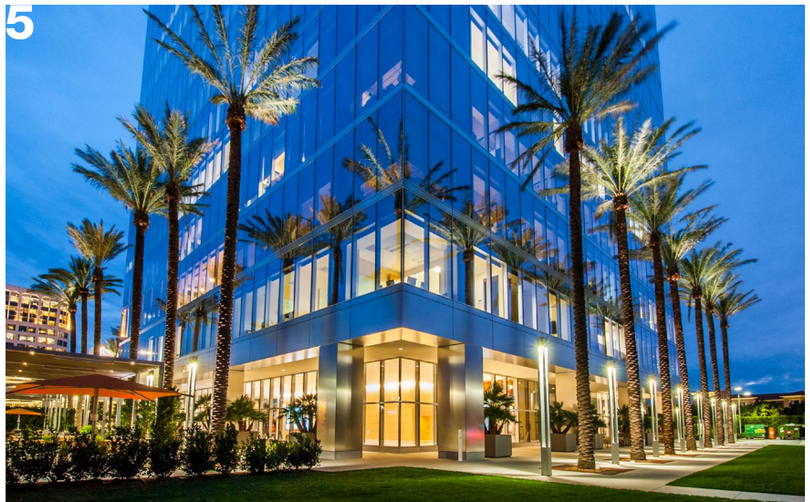
5. **200/400 Spectrum Center Drive, Irvine, California**
   The 21-story twin towers in California bring flexible work environments to the vibrant Irvine Spectrum Center area and deliver on an iconic master plan for mixed-use development.
   Read more →
   IMAGE CREDIT: Brad Nelson











TRANSPORT & MOBILITY

Great transport is fundamental to our way of life. Whether by land, sea or air, it takes us on familiar journeys and new adventures – connecting people and places. It also links communities to the products and services they need, bringing greater social and economic mobility and an exciting catalyst for enriching the wider area.

- Airports
- Logistics
- Terminals and stations

AIRPORTS

Airports are some of the busiest places in the world, flying millions of people on the journeys that shape their lives. As vital transport hubs and experiential destinations, they need to work seamlessly at speed and scale. Integrating landside and airside buildings and infrastructure to transport passengers, cargo and planes.

1. **Manchester Airport Pier 2, Manchester, U.K.**
   Using our groundbreaking kit-of-parts approach to deliver the pier's new fixed links and nodes has reduced the number of components from over 5,000 to just 67, reducing the projected construction time.
   Read more →

2. **Energy Management Control System, San Francisco, California**
   This project integrates more than 90 buildings into a unified platform at San Francisco International Airport, enabling $4.5 million in annual energy savings and advancing SFO's Net Zero goals.

3. **LaGuardia Campus Redevelopment, Queens, New York**
   Redevelopment of the Central Terminal redevelopment reimagines 1.3 million-square-feet of terminal, infrastructure and energy systems across the campus using LEED Gold and Envision Platinum strategies for performance and resilience.

4. **Atlanta International Airport, Atlanta, Georgia**
   We're leading an improvement program at the world's busiest airport including projects to enhance the passenger experience, increase service capacity and optimize operations.
   Read more →

5. **Concourse A Expansion, Denver, Colorado**
   Raising the standards for green building design at Denver International Airport, this project included a 29,000-square-foot terminal expansion, five new gates and support spaces, all while using 30% less energy than typical airport concourses.
   Read more →

For more information about our airport expertise visit our website →

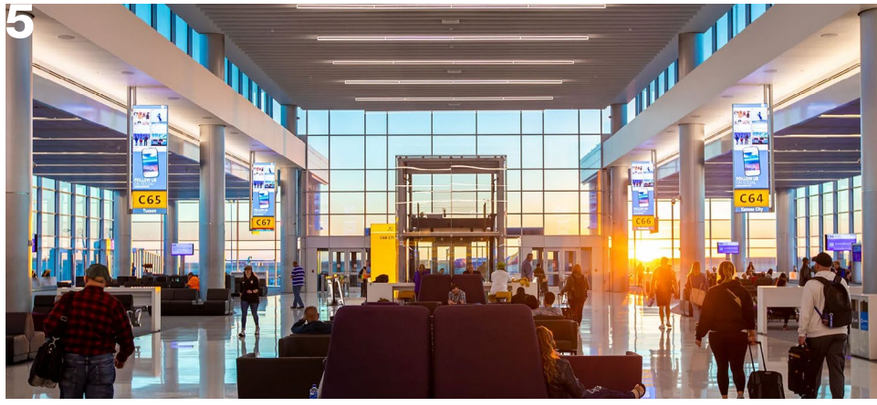
IMAGE CREDIT: © Jeff Goldberg for LaGuardia Gateway Partners











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LOGISTICS CENTERS

Logistics centers are essential to both global supply chains and local economies, enabling goods to flow from manufacturers to consumers 24/7/365. Our multidisciplinary experts are working with the industry to push the boundaries to create more sustainable, digitally enabled facilities.





1. **Kroger Fulfillment Centers, Multiple Locations, U.S.**
   Multidisciplinary engineering for several highly automated, 300,000-square-foot, direct-to-consumer fulfillment centers in support of the large grocery brand's growing e-commerce business.

2. **DSV Horsens Logistics Centre, Midtjylland, Denmark**
   We're working on one of the largest sustainable logistics centers in Europe that incorporates the world's biggest rooftop photovoltaic system.
   Read more →

3. **Cainiao Smart Gateway Logistics Centre, Hong Kong**
   Our award-winning structural design and smart digital solutions shaped one of the largest and most technically advanced logistics facilities in the region.
   Read more →

4. **Wells Estate ShopRite, Gqeberha, South Africa**
   To support our client's growth nationally, our structural engineers extended the current facility and added multiple support buildings to increase an existing distribution center's floor area from 10,000 to 81,000-square-meters, with a design that could also support future expansion.





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TERMINALS & STATIONS

Rail transport brings people, products and places together. As demand for resilient, sustainable, digital infrastructure grows, we're delivering new passenger and freight facilities and reinventing existing buildings above and below ground, from stations and terminals to depots and control centres. Stations are the gateway to their neighbourhoods and can be exciting destinations, combining hospitality, retail, leisure, green spaces and more.

1. **Prologis Mobility Hubs, Multiple Locations, U.S.**
   Design for these mobility hubs included fast-charging stations for heavy-duty electric fleets and driver amenity facilities at multiple strategic locations throughout the country.

2. **Grand Central Terminal Restoration, Manhattan, New York**
   Our multidisciplinary teams are delivering a twin tunnel rail link beneath the city centre, including two new stations – setting high benchmarks for sustainability and digital innovation.
   IMAGE CREDIT: Peter Aaron / Otto

3. **Moynihan Train Hall, New York, U.S.**
   We helped turn a former post office into an award-winning train hall that is used by more than 700,000 people a day.
   Read more →
   IMAGE CREDIT: © Empire State Development | SOM

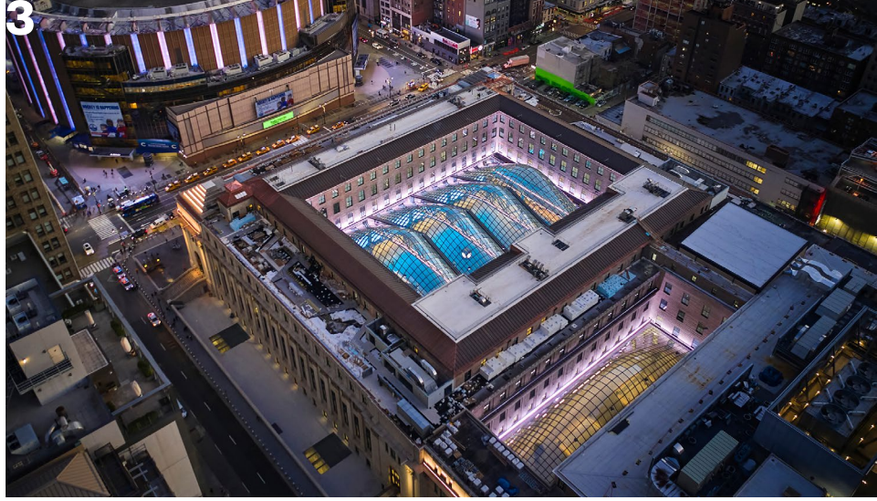
4. **Port of Long Beach, Long Beach, California**
   The Port of Long Beach prepared to meet the future by initiating a broad, long-term land use study. Rather than creating a single land use plan, the Port created a flexible land use model that can readily adapt to shifting commercial demands while simultaneously addressing wider port- and regional goods movement issues.

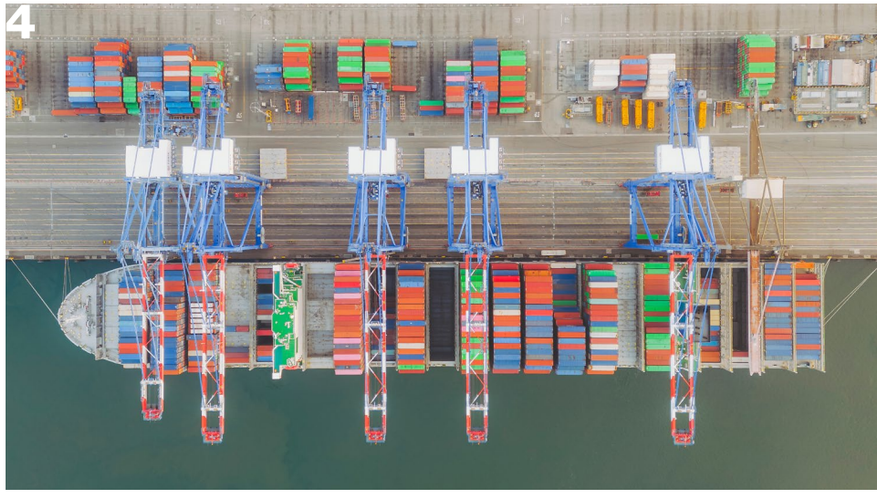
5. **Amtrak Infrastructure Planning, Nationwide**
   Fleet maintenance facilities, station upgrades and intermodal hubs were part of a planning and design effort that enhances the passenger experience, streamlines operations and prepares critical assets to meet the demands of a Future Ready rail network.

For more information about our railway station expertise visit our website →











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SERVICES

We provide a range of multidisciplinary services and specialist expertise to help you plan, design, deliver, operate, sustain and reinvent every kind of built asset – whether you need it in one location or across an entire global portfolio.

- Acoustics, noise and vibration
- Archaeology and heritage
- Asbestos and hazardous materials management
- Asset management
- Audiovisual systems
- Automation, instrumentation and control
- Blast engineering
- Building refurbishment and adaptive reuse
- Building technology systems
- Business transformation
- Climate adaption
- Climate finance and sustainable investment
- Coastal engineering
- Commissioning
- Computational fluid dynamics
- Construction management
- Cost management
- District energy solutions
- Economics advisory
- Environment, health and safety management
- Environmental and social impact assessment and planning
- Environmental due diligence
- Façade engineering
- Fire and life safety
- Geotechnical and ground engineering
- Information and communication technology
- Investors and lenders advisory
- Laboratory planning and design
- Land services
- Landscape architecture
- Lighting design
- Materials engineering, testing and quality management
- Mechanical, electrical and plumbing
- Net zero carbon consultancy
- Operations and maintenance
- Process engineering
- Project delivery
- Project management
- Property condition assessment
- Public private partnerships consulting
- Refrigeration
- Security consulting
- Cyber security
- Smart buildings and places
- Stakeholder and community engagement
- Structural engineering
- Sustainable building design
- Technical/delivery architecture
- Urban planning and master planning
- Vertical transportation
- Waste management
- Water and wastewater management
- Wind engineering and modelling

WSP is one of the world's leading professional services firms, uniting our engineering, advisory and science-based expertise to shape communities and advance humanity. From local beginnings to a globe-spanning presence today, we operate in over 50 countries and employ approximately 73,000 professionals, known as Visioneers. Together, we pioneer solutions and deliver innovative projects in the building, transportation, infrastructure, environment, energy, water, and mining and metals sectors.

WE ARE WORLD SHAPERS / PIONEERS AND PATHFINDERS / IMPACT MAKERS / WE ARE VISIONEERS

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