



## THE BLUEPRINT FOR CERTAINTY

Define. Design. Deliver.



# Mission-critical environments. Delivered with absolute certainty.

Equans Sci-Tech defines, designs and delivers cleanrooms, laboratories, and manufacturing facilities that meet the world's most stringent regulatory standards.

With 55+ years of specialist heritage, we provide single-source accountability across design, construction, validation, and lifecycle optimisation. Our clients achieve 100% regulatory compliance across FDA, MHRA, and EU GMP requirements.

<b>+55 Years</b> of specialist engineering heritage	<b>100%</b> Regulatory compliance (FDA, MHRA, EU GMP)	<b>+250</b> Employees
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From strategic consultation and technology-agnostic design to seamless delivery, we create future-proof cleanrooms, laboratories and manufacturing facilities that drive unmatched business outcomes with absolute certainty.

# The integrated lifecycle: Engineering from the inside out

By prioritising workflow, equipment integration, and user safety from the earliest design phase, we create infrastructure that drives measurable business performance, not just meets specifications.



### Single source of accountability

We offer the convenience of a single point of contact across consultation, design, delivery, and lifecycle optimisation. Clear responsibility at every milestone.



### Process-driven design

Your operations define our engineering. We generate solutions from the inside out, focusing on layout, workflow optimisation and specialist safety studies.



### End-to-end expertise

From front-end studies and master planning to delivery with modular prefabrication, commissioning, and ongoing lifecycle optimisation, our in-house expertise spans every project phase.



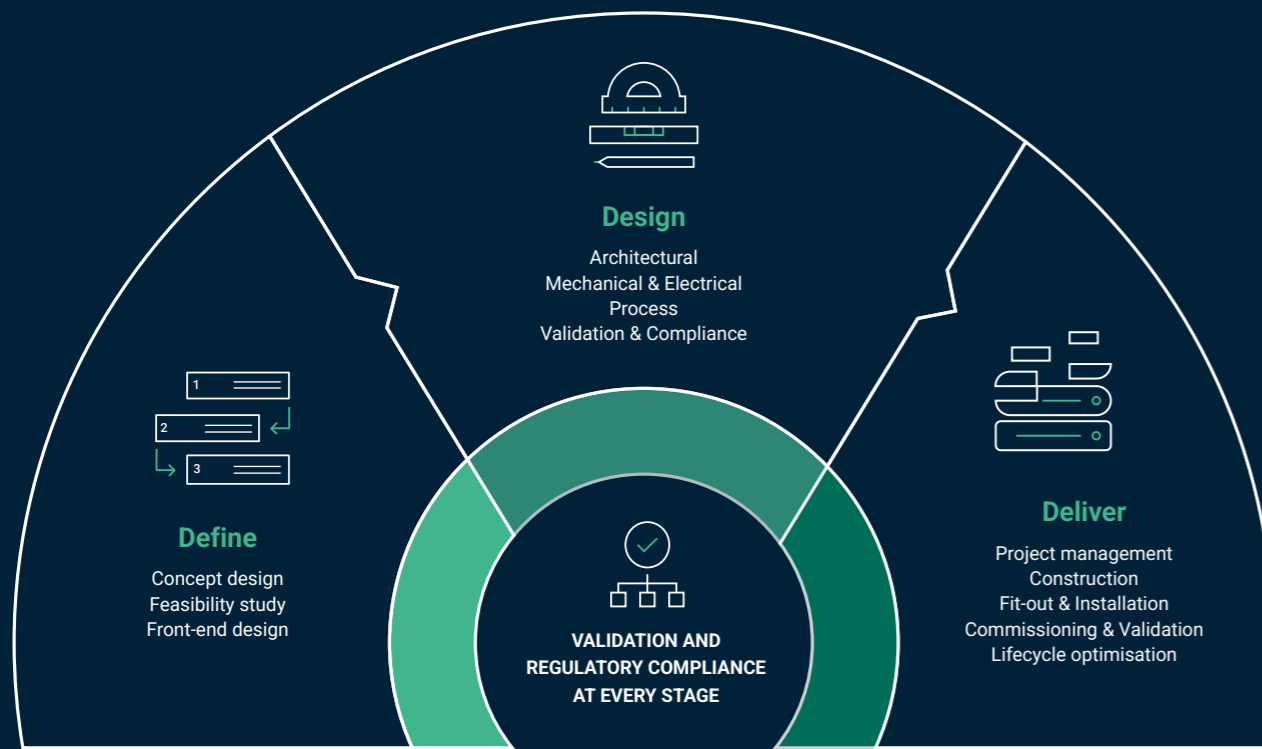
### Validation and regulatory expertise

Our experts work directly with accreditation and licensing authorities to guarantee compliance with FDA, MHRA, and BSI standards.

**Your facility. Our accountability. Complete certainty.**

# Streamline delivery with total control at every step.





Our methodology replaces uncertainty with accountability. As your single-source partner, we provide total in-house control at every milestone, ensuring a streamlined delivery that accelerates your time-to-market and aligns your infrastructure with your strategic objectives.



# Regulatory driven environments for high-stake manufacturing

## Quality and control are non-negotiable.

We define, design and deliver mission-critical environments that exceed the most stringent segregation and air-quality standards, ensuring compliance with EU GMP and FDA 21 CFR Part 211.

-  **Health & life sciences:** From pharmaceutical API and Aseptic suites to NHS pharmacy units and medical device manufacturing.
-  **High-containment:** Secondary manufacturing and packaging for potent compounds requiring strict operator protection and environmental segregation.
-  **Advanced manufacturing:** Aerospace, defence and nanotechnology facilities where contamination control is critical.
-  **Science and R&D:** Scalable infrastructure supporting pilot-scale development through commercial manufacturing.

## Navigating complexity with full regulatory compliance

We protect your project from regulatory risk by embedding validation into the earliest design phases. Every facility is engineered to meet and exceed global benchmarks:

- **Quality frameworks:** EU GMP Annexes and FDA 21 CFR Part 211
- **Sterile environments:** ISO 14644 and EU GMP Annex 1
- **Authority liaison:** Direct coordination with MHRA, FDA, and BSI throughout design and commissioning

# Functional, safe, future-proof laboratory environments

We define, design and deliver laboratories to cGLP, cGMP, and BioBurden standards. Our designs balance containment requirements with operational efficiency, creating workspaces that protect personnel and preserve sample integrity.

## Specialist capabilities

- **Wet chemistry & microbiology.** Containment environments for GMO handling, cytotoxic compounds, and virus seed cultivation.
- **Pharmacology & diagnostics.** Facilities supporting pathology, bioanalysis, and drug discovery with validated sample traceability.
- **Advanced therapy manufacturing.** Secure suites for cell banking, gene therapy development, and regenerative medicine requiring Grade A/B cleanroom conditions.

## Built to international benchmarks.

Our commitment to laboratory excellence is underpinned by unwavering adherence to global regulatory standards. We ensure your research and development facilities are always audit-ready and operationally compliant:

- **Quality systems:** cGLP and cGMP compliance
- **Biocontamination control:** Bioburden standards for product and personnel protection
- **Risk management:** BS EN ISO 14971 methodologies
- **Data integrity:** FDA 21 CFR Part 11 and EU GMP Annex 11 infrastructure for electronic records

# Proven delivery across critical environments

When you choose Equans Sci-Tech, your mission-critical facility will be delivered with a comprehensive, integrated approach that few can match. Our focus on your business outcomes provides these essential advantages:

## Driving certainty at every step.



**Speed to value: Delivering complex control environments faster, without compromise.**

Our integrated lifecycle approach accelerates your project delivery, reducing time to market while maintaining the highest standards of quality, safety, and compliance.



**Integrated certainty: One partner. Total accountability. Complete assurance.**

We provide the unique advantage of a single, fully accountable partner spanning your entire project lifecycle, engineered to minimise your risk and maximise your delivery efficiency.



**Define. Design. Deliver. Sustainably: Built to adapt. Designed to endure.**

Our technology-agnostic, sustainable approach delivers significant operational cost savings while ensuring your facility remains compliant and competitive as regulations and technologies evolve.



**Life cycle value: Driving best value and ROI through total lifecycle management.**

Our value engineering mindset spans the entire facility lifecycle—from strategic consultation through operational optimisation—ensuring every decision you make delivers compounding returns.



**Expertise in action: Deep technical mastery**

We integrate in-house specialised capabilities into high-performance reality, integrating modularity, energy-efficient and sustainable strategies to ensure your facility is as operationally efficient as it was precisely engineered.



**Safe and compliant mission-critical environments: Protecting people, performance and outcomes at every step.**

Safety and regulatory compliance are embedded throughout our entire process. Our inside-out design philosophy prioritises your users' and operators' safety from the earliest concept through lifecycle operation.





# Trusted by the architects of innovation

From laboratories to cleanrooms and manufacturing facilities, we work as a genuine extension of your team, sharing your commitment to innovation and technical excellence.



### National Industrial Biotechnology Facility, Centre for Process Innovation

Establishment of a pilot and demonstrator facility accommodating diverse biomass feedstocks, featuring state-of-the-art handling and preparation equipment.



### Decommissioning of a fermentation suite, confidential

Execution of a cleanroom retrofit incorporating the latest technologies and safety measures to eliminate risk and enhance operational safety.



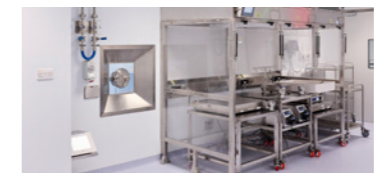
### Mars Rover Yard, Airbus Defence & Space

Development of a Mars terrain and environment simulation (Mars Rover Yard) to facilitate the rigorous pre-flight testing of the Mars Rover as part of the ExoMars programme.



### MSAT, AstraZeneca

Optimised facility capacity adjacent to existing R&D operations to accelerate current and future product development plans.



### Multi-vaccines facilities, confidential

Delivery of a rapidly scalable, future-proof facility under strict biosecurity and budget constraints, securing market leadership via advanced technology implementation.



### Ray Dolby Center, University of Cambridge

Creation of a world-class research center (Ray Dolby Center) supporting complex nanofabrication and electron beam lithography, meeting stringent ISO standards and university integration requirements.



### Advanced granulated technology, confidential

Scale-up of existing facilities, installing cleanroom equipment and a new sterilisation suite to significantly increase capability and capacity.



### High-grade cleanroom stem cell, SCRM

Fit-out of a small-scale manufacturing support facility and high-quality teaching environment, incorporating both sterile and non-sterile areas conforming to EU GMP Grade B to D standards.



### The Biorenewable Development Centre, University of York

Delivery of an open-access, scalable facility processing plant-derived materials as sustainable feedstocks for the production of high-value, biorenewable chemicals.

# Define. Design. Deliver.

Secure your project outcome with us

Partner with specialists who deliver mission-critical environments with complete certainty.

Contact the Equans Sci-Tech team to discuss your project requirements:

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Equans Sci-Tech

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