

enviro
SPECIALIST SOLUTIONS

Project success is our priority

enviro-ss.co.uk

Company Profile + portfolio

June 2024_Version 1.0

Contents



01	Who we are	3
02	Mission Statement	7
03	What we offer	8
04	Our partner in action	10
05	When to appoint a Commissioning Manager	12
06	How we present	14
07	Our clients + projects	16

01



Who we are

With vast knowledge of the Building Services Industry and having key experiences at all levels of the Construction ladder, ENVIRO Specialist Solutions have a critical understanding in what each of our client needs.

enviro
SPECIALIST SOLUTIONS

Whether we are appointed as a Client representative, Main Contractor or an MEP Contractor, ENVIRO can offer bespoke Management Packages.

We actively promote practical solutions in all commissioning phases of a project, assuring compliance with industry standards whilst also minimising financial, safety and operational risks during the processes.

A clear requirement for projects is simple, clear and concise reporting, ENVIRO Specialist Solutions have developed Commissioning Tracking tools that automate accurately weighted progress percentages, whilst also populating easy to view progressive graphs.

With the advancement in technology and integrated systems or smart buildings, as well as the global objective to reduce carbon emissions ENVIRO Specialist Solutions have a ethos to continually evolve, seek and implement new technology or science to enhance our clients projects.

This includes working with our partners in the development and use of VDI 2035 Water Treatment principles, which offer chemical and effluent free Water Treatment! These benefit not only flushing times, but minimises the risks associated with long trend regimes and also benefits the management of water systems post practical completion.





Kirk Mitten | Director

My exposure to the commissioning trade started as a HVAC commissioning engineer, something I loved from the outset, its fair to say I was hooked from day one!

When a once in a lifetime opportunity to work internationally come about, I jumped at it, and the experience and exposure I gained from my 7 years in the UAE were unbelievable, not only the mega Projects I was fortunately involved with, but also the different cultures and people I touched base with daily was simply amazing. Back to the UK and I was fortunate to undertake the role as Regional Commissioning Manager for SES Engineering Services before the birth of ENVIRO...

ENVIRO has grown progressively and sometimes aggressively, all of which has been way above of my initial thought process, my love for the industry and now for the company grows every day. With the updated technology in our trade and the efforts to become more efficient, the more commissioning will be the driving force for all stages of a project development, and with our drive to become a leader, the future looks bright, the future looks blue & green!



Danny Dyer | Comissioning Director

Having started my services career as a Water Treatment Engineer, I quickly understood where I wanted to go and progressed into Commissioning Management.

This lead me eventually the MEP sector and MJL, eventually becoming Commissioning Director in the business. This role allowed me to review the entire operations of the business, drive and structure our processes and create a nationwide and in-house team of circa 20 commissioning staff, my relationship with Kirk & ENVIRO was as our support partner for large scale or specialist projects. The MEP sector is where my heart lies, I believe myself, Kirk & the ENVIRO team are driven to provide a unique service to the construction industry, and I am looking forward to the future.

02



Mission Statement:

Project success is our priority

We are not changing the main goal, like everyone, we are contracted to deliver **high-performance, resilient, and efficient projects** that meet the highest industry standards through a rigorous and comprehensive static and dynamic commissioning process.

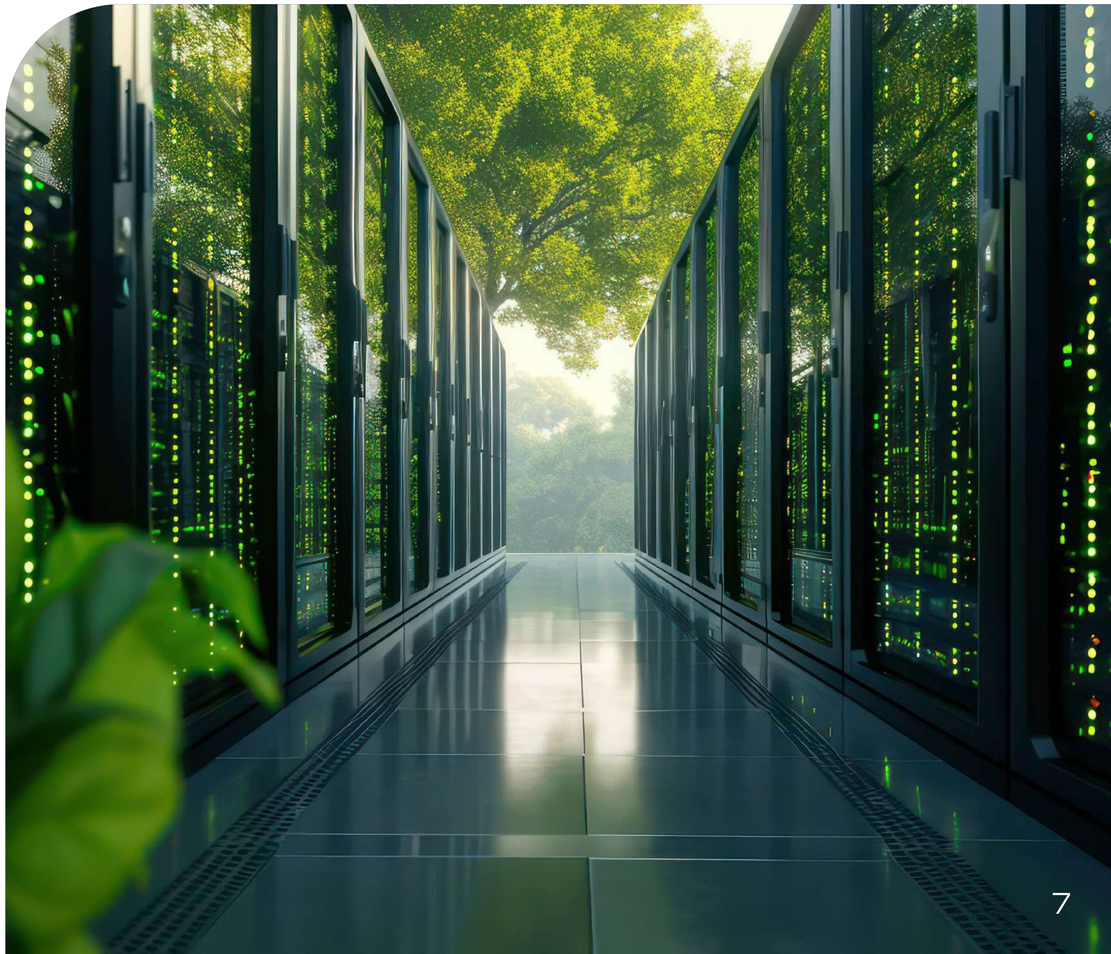
enviro
SPECIALIST SOLUTIONS

We believe that the collective effort of “the” team surpasses individual contributions, **our ethos drives “team over me”** and we look to leave the ego at the door.

The ENVIRO dream approach is to create a collaborative, hands-on and pro-active day to day environment where we collectively commit to delivering a Project as THE team, where every member’s expertise and input are valued, leading to innovative solutions and successful project outcomes.

The world is changing day by day, but in an industry which cannot get away from the building site ENVIRO drive to lead the process from design to handover and **we love it!**

- **Collaboration**
  Working closely with stakeholders, including designers, contractors, and clients, to ensure alignment and successful project delivery.
- **Quality Assurance**
  Implementing stringent testing and validation protocols to guarantee the operational readiness of all systems and components.
- **Efficiency**
  Optimizing energy usage and resource management to reduce environmental impact while maintaining top-tier performance.
- **Innovation**
  Leveraging cutting-edge technologies and best practices to stay ahead of industry trends and enhance the capabilities of our data centres.
- **Reliability**
  Ensuring robust and fault-tolerant infrastructure that minimizes downtime and maximizes uptime.



03

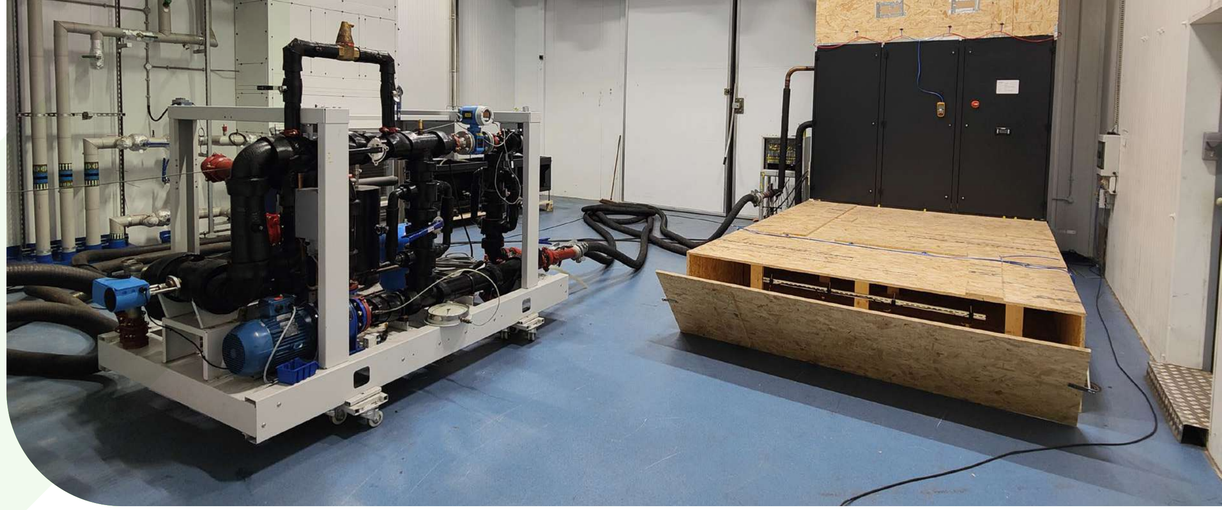
What we offer

ENVIRO Specialist Solutions are a firm believer that Commissioning Management placement is a bespoke package, horses are definitely for courses!



enviro
SPECIALIST SOLUTIONS

We will offer the right Manager for the right Project or Position, we have Managers suitable for Client, Designer, Main Contractor or appointments direct for an MEP Contractor.



Don't wait until Construction has started. ENVIRO Specialist Solutions offer multiple studies or planning for Tender and Pre-Construction to assure your plan, design and costs are in place to deliver the Project.

Management and Validation Services
ENVIRO can offer full Commissioning Management or Commissioning Validation packages to suit all clients and projects.

Whether this be a single manager appointment or Management Teams and Senior Management appointments for "Mega" Projects.

All of our packages will utilise ENVIRO Tracking Tools for accurately weighted progress reports and graphs.

Commissioning and Water Treatment
With our trusted partners ENVIRO can offer Air / Water Validations as well as Balancing services.

In addition – with our trusted partners, we can offer Traditional, CPC and VDI 2035 Water Treatment, as well as Water Quality Management.

All packages will be overseen by one of our Commissioning Managers, giving the benefit of Management prospective as well as Hands on experience.

Compliance and Risk Assessments
At Tender, Pre-Construction or during the Construction / Commissioning stage of the Project ENVIRO can offer the following studies to assist in Planning or Compliance, Commissioning Studies, BG/29 Compliance, Legionella Risk Assessment, Security Package Compliance, Controls Package Compliance, Program Workshops, Strategical Planning and HTM Compliance.

▶ ***Further studies are available on request.***

04

Our partner in action



enviro
SPECIALIST SOLUTIONS

The ENVIRO mission statement notes “the team suppresses the individual”, and we are engaged with HeatLoad to provide floor standing server emulators, space heaters for simpler test and Immulators™ for testing immersion cooling systems.

With our combined expertise in testing data centre’s we can provide the holistic package to manage, monitor and test halls of all capacity.

HEATLOAD
by لا مشكله Mafi Mushkila Ltd

HeatLoad capacity has offices, workshops and warehousing in the South-East of England and France, able to rapidly deploy nationally or internationally, not to mention the extensively skilled teams to assist the process!



Project success is our priority

05



When to appoint a Commissioning Manager

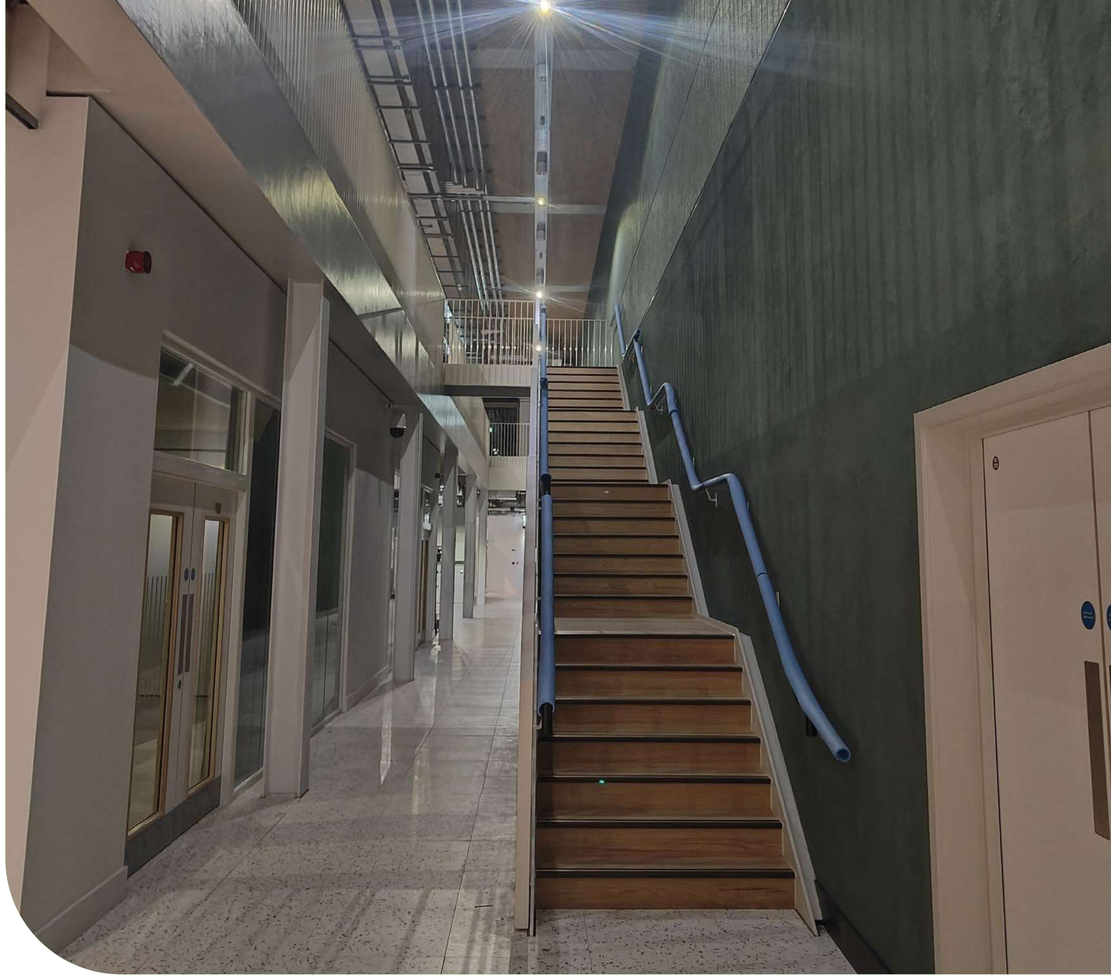
The answer is very simply **now!**

Whatever stage a contract is at, the benefit of the correct commissioning package is invaluable:

Our Design and Commissioning Studies confirm a Project can be Commissioned and highlight where deficiencies can be seen, clear reporting and actions minimise risks during the Commissioning Stage.

Our Complete Management packages include:

review and approval of RAMS, track hole point release, manage and witness pre-commissioning and commissioning a ctivities, review and approve commissioning certification, manage witnessing activities as well as track and report progress.



06



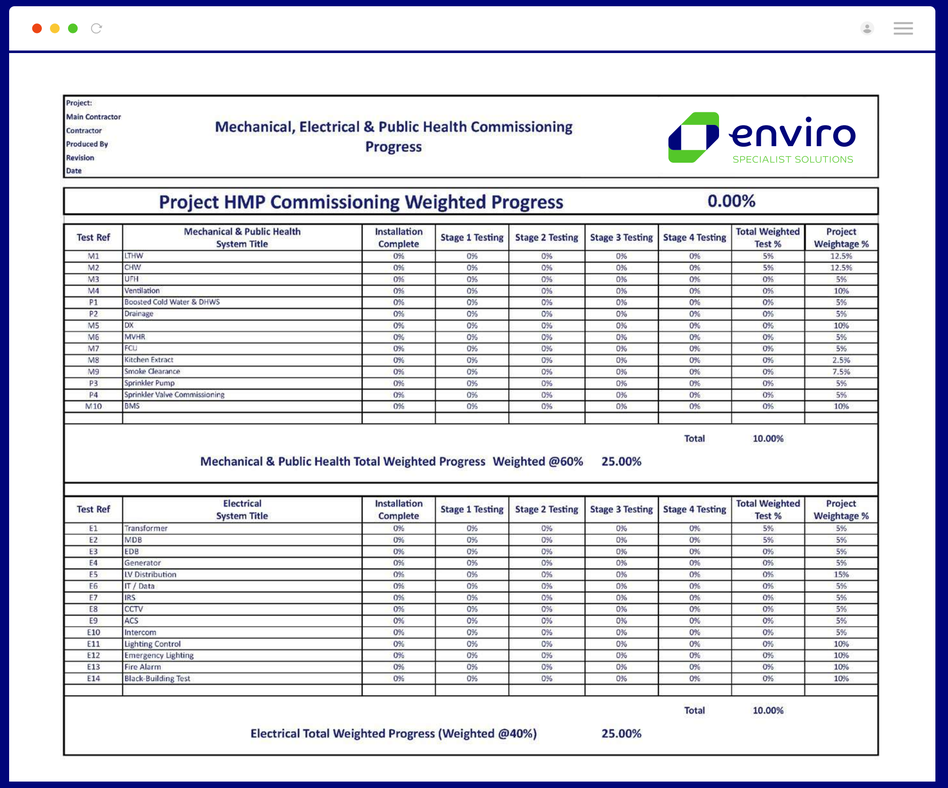
How we present

As part of each contract, we provide a **holistic commissioning tracker**, that is user friendly and details every test progression from static to integrated services.

enviro
SPECIALIST SOLUTIONS

[Right]
Template tracker
[Bottom right]
CX Alloy Platform

We create a file structure on ENVIRO Sharepoint and dedicated access granted as applicable. ENVIRO also utilize **CX Alloy** as a web-based platform, this allows users full live access to all Project documentation.



Project:
Main Contractor
Contractor
Produced By
Revision
Date

Mechanical, Electrical & Public Health Commissioning Progress

enviro SPECIALIST SOLUTIONS

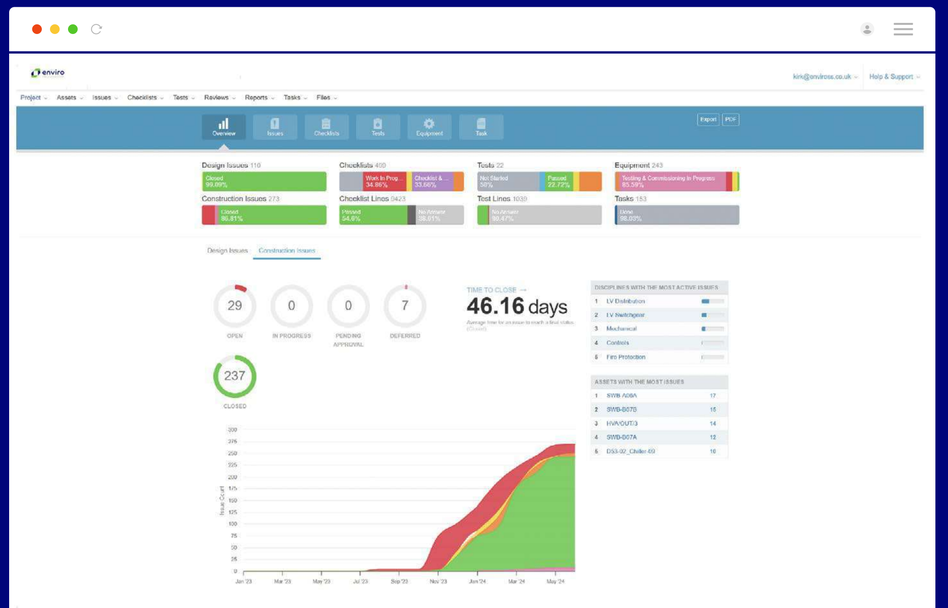
Project HMP Commissioning Weighted Progress 0.00%

Test Ref	Mechanical & Public Health System Title	Installation Complete	Stage 1 Testing	Stage 2 Testing	Stage 3 Testing	Stage 4 Testing	Total Weighted Test %	Project Weightage %
M1	LTHW	0%	0%	0%	0%	0%	5%	12.5%
M2	CHW	0%	0%	0%	0%	0%	5%	12.5%
M3	UTH	0%	0%	0%	0%	0%	0%	5%
M4	Ventilation	0%	0%	0%	0%	0%	0%	10%
P1	Boosted Cold Water & DrWS	0%	0%	0%	0%	0%	0%	5%
P2	Drainage	0%	0%	0%	0%	0%	0%	5%
M5	DX	0%	0%	0%	0%	0%	0%	10%
M6	MVHR	0%	0%	0%	0%	0%	0%	5%
M7	FCU	0%	0%	0%	0%	0%	0%	5%
M8	Kitchen Extract	0%	0%	0%	0%	0%	0%	2.5%
M9	Smoke Clearance	0%	0%	0%	0%	0%	0%	7.5%
P3	Sprinkler Pump	0%	0%	0%	0%	0%	0%	5%
P4	Sprinkler Valve Commissioning	0%	0%	0%	0%	0%	0%	5%
M10	BMS	0%	0%	0%	0%	0%	0%	10%
						Total	10.00%	

Mechanical & Public Health Total Weighted Progress Weighted @60% 25.00%

Test Ref	Electrical System Title	Installation Complete	Stage 1 Testing	Stage 2 Testing	Stage 3 Testing	Stage 4 Testing	Total Weighted Test %	Project Weightage %
E1	Transformer	0%	0%	0%	0%	0%	5%	5%
E2	IVDB	0%	0%	0%	0%	0%	5%	5%
E3	LDB	0%	0%	0%	0%	0%	0%	5%
E4	Generator	0%	0%	0%	0%	0%	0%	5%
E5	LV Distribution	0%	0%	0%	0%	0%	0%	15%
E6	IT / Data	0%	0%	0%	0%	0%	0%	5%
E7	BIS	0%	0%	0%	0%	0%	0%	5%
E8	CCTV	0%	0%	0%	0%	0%	0%	5%
E9	ACS	0%	0%	0%	0%	0%	0%	5%
E10	Intercom	0%	0%	0%	0%	0%	0%	5%
E11	Lighting Control	0%	0%	0%	0%	0%	0%	10%
E12	Emergency Lighting	0%	0%	0%	0%	0%	0%	10%
E13	Fire Alarm	0%	0%	0%	0%	0%	0%	10%
E14	Black Building Test	0%	0%	0%	0%	0%	0%	10%
						Total	10.00%	

Electrical Total Weighted Progress (Weighted @40%) 25.00%



07

Our clients + projects

Here is a snapshot of some of our current clients and projects that ENVIRO are working on.

























[01] Equinox LD4
[02] Equniox LD9
[03] Echelon LCY10







[04] Leapfrog
[05] Springfield Hospital
[06] Nine Elms Plot

enviro
SPECIALIST SOLUTIONS

Contact

kirk@enviross.co.uk
+44 (0)7861 778 464

danny@enviross.co.uk
+44 (0)7939 136 250

enviro-ss.co.uk

We look forward to our future successes together...

ENVIRO Specialist Solutions Ltd © 2024

All rights reserved.