



**Corporate**



**Sel Environmental**  
Real Innovation.

## Who is Sel Environmental?



Founded in 1999, and now with more than 20 years of invaluable experience with sustainable drainage systems and gas protection solutions,

Sel Environmental has evolved into six strategic divisions which combine to deliver cutting-edge, cost-effective and competitive, quality solutions.

Innovative solutions which can help improve the diversity of nature in our living environment and enhance the quality of life.



## What can Sel Environmental give you?



- Competitive Edge
- Design Assistance
- Value Engineering
- Precision Fabrication
- Project Management
- Experienced Contracting
- Quality Assurance
- Research & Development
- Peace of Mind





## Capability - Value Engineering



Sel Environmental values its clients and strives to always identify the most cost-effective solution possible for their needs. This is achieved by using specialist software and know-how to analyse

projects and offer optimised designs leading to the most economical and innovative solutions to set Sel's clients apart from their competitors. Value engineering should be more than

simply an exercise to reduce costs. Value, quality, maintenance requirements and life expectancy are also key factors considered to determine the optimum solution for individual projects.





## Capability - Project Management

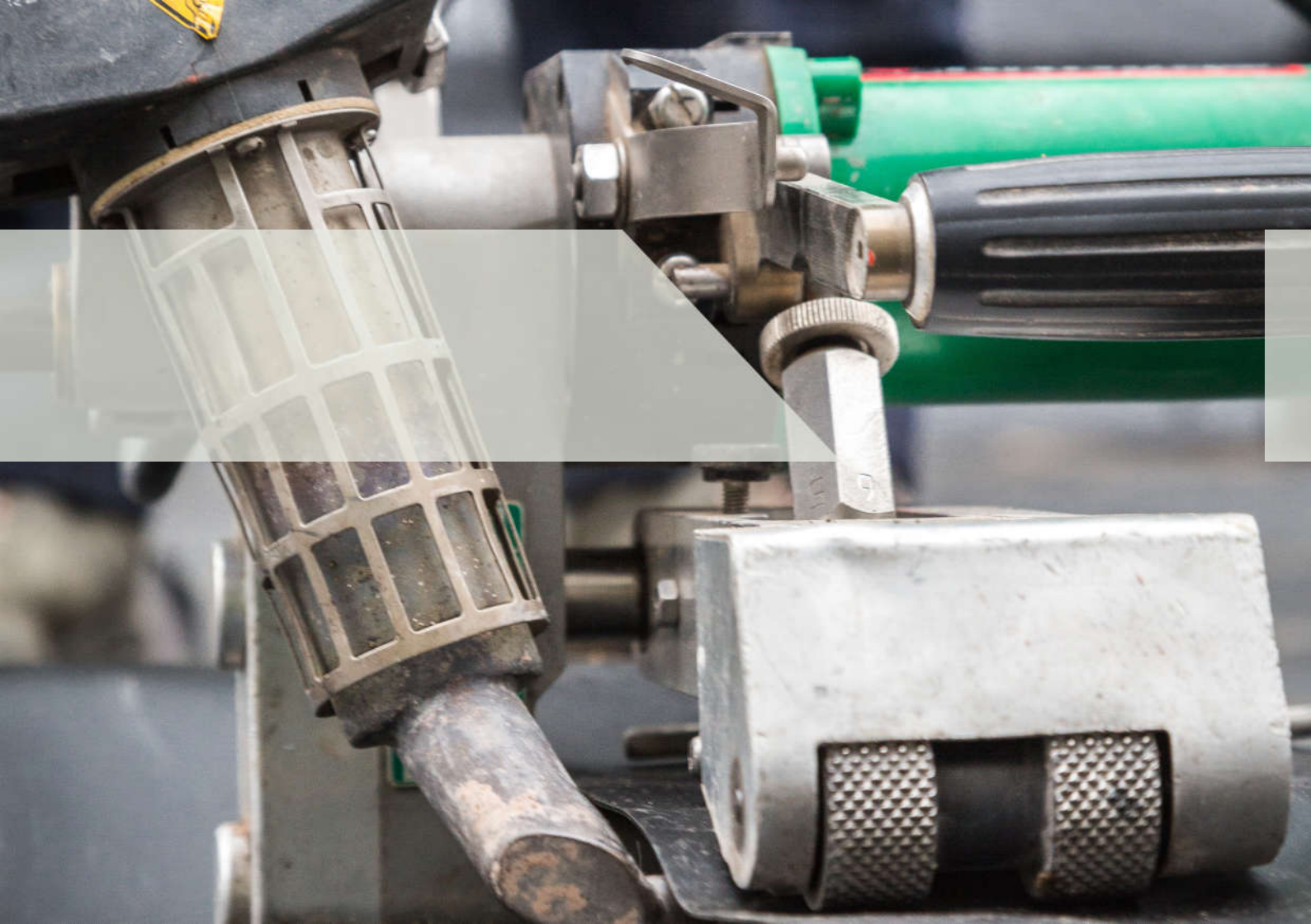


Early and continuous liaison between client, designer, engineer, supplier and contractor is the cornerstone of effective project delivery. With a wealth of experience, Sel Environmental will

work closely and diligently with all parties to coordinate all aspects of a project to facilitate a successful completion. For total peace of mind, in addition to method statements, risk assessments,

technical support and CAD details, all works are undertaken with commitment to best practice and under strict ISO9001 Quality Assurance protocols.





## Capability - Research Development innovation



Sel Environmental maintains its position at the forefront of the industry by continuously investing in research and development. Close collaboration with industry partners and academia also gives

Sel the ability to influence, and the readiness to react to, forthcoming legislation and guidance. This approach satisfies the needs of clients by ensuring the incorporation of the latest

technical knowledge and products. Sel maintains a commitment to real innovation through in-house R&D and Knowledge Transfer Partnerships, collaborating with several universities.





## Capability - Specialist Fabrications



Sel's fabrication team produces a robust range of construction products from hdpe, pp and steel. Our experienced team is competent in plastic extrusion, hot

air welding and butt fusion. CNC routing, laser cutting & saw cutting capabilities allow us to manufacture complex products with precision, accuracy and

uniformity. The fabrication department produces standard and custom products and components for job specific or commodity applications.



## Sector - Integrated Water Management Commercial



Sel Environmental focuses on applying the principles detailed in the CIRIA C753 "The SuDS Manual" within commercial developments. Innovative products and systems

created by Sel can efficiently implement such principles, even in the most challenging circumstances. Sel's solutions promote and enable seamless

integration of permeable paving, green infrastructure, swales, wetlands and detention ponds. All of which are becoming prerequisite planning obligations.





## Sector - Integrated Water Management Residential



Sel Environmental offers an array of products which assist designers in providing source control, sustainable drainage systems for residential developments. The range includes solutions for both

permeable and impermeable surfacing and can provide attenuation and/or infiltration systems for individual and/or multiple plots. Sel solutions have been specifically developed to

meet the requirements of contemporary engineering guidance and are currently the most comprehensive basket of single source solutions available to the UK market.







## Sector - Remote Control & Monitoring



Cloud Water Control (CwC) is a remote management platform developed to enable users to monitor in real time, download historical data and control systems from remote locations.

These market-leading systems combine research grade monitoring sensors and robust control hardware, with cloud computing technology to provide integrated smart water

management systems. CwC provides the ability to integrate dedicated water management systems and components into one centralised remote management platform.



## Sector - Process Water Management

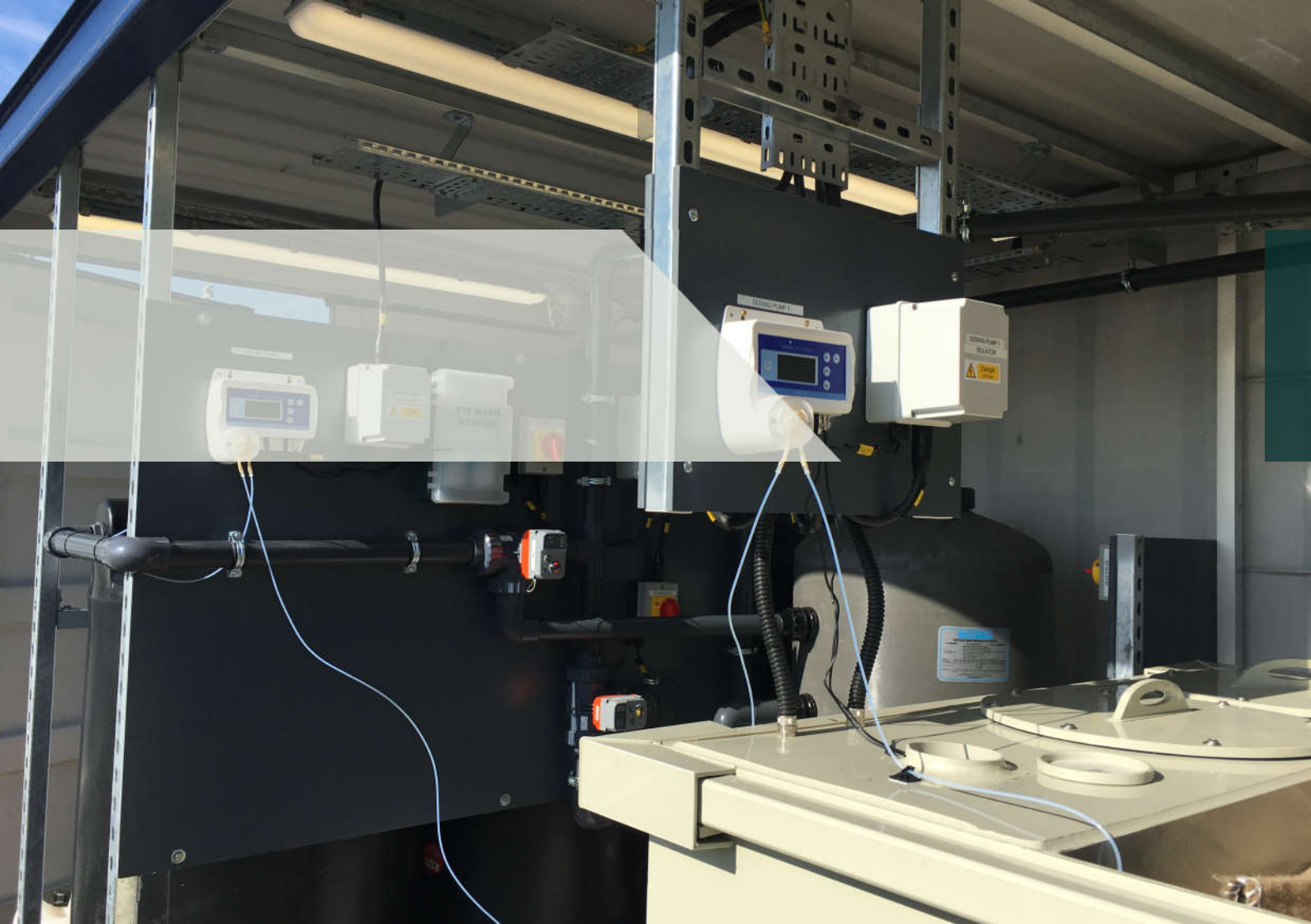


Stand-alone processing facilities for wastewater effluent, designed to meet the requirements of the Pollution Prevention Guidelines 13 (PPG13) produced by The

Scottish and UK Environment Agencies. The system can retain oils, silts and debris for easy removal. Processed water can be further treated with bacteria in an

aerated, oxygen-rich environment. It can trap and remove heavy metals until safe for disposal or re-use.





## Sector - Green Infrastructure



Sel has an expert team of professionals from environmental backgrounds collectively known as VERGE, with a particular passion and enthusiasm for restoring green infrastructure and biodiversity

in the urban environment. The VERGE service is an all-encompassing solution for successfully delivering green infrastructure on a retro fit, new build, temporary or permanent

basis. The VERGE service includes design inspiration, personal consultation and a unique range of green technologies ideally suited for retrofit projects due to no excavation requirements.





## Sector - Sport & Leisure



Sel has a dedicated sports division SELSports, specifically created to focus on the design and installation of specialist sports facilities. We offer a full 'turnkey' package from concept through

to project handover. There are many companies in the market who design and install sports facilities. However, SELSports has discovered a niche market for rooftop facilities. SELSports offers

the most comprehensive solutions for rooftop facilities and as such have the largest portfolio of successfully completed rooftop sports installations in the UK.



## Sector - Building Protection Systems



Sel Environmental offers the reassurance of a single point of contact to all parties involved in the design, supply, installation and validation of a complete gas protection system.

All solutions will be CIRIA, NHBC & Building Regulations compliant with supporting calculations and CAD details. Our good close working relationships with many of the recognised key suppliers in

the gas protection market such as Proctor Group, Juta, Visqueen and Cordek allow unrivalled expertise to ensure correct product specification, application and installation.





## Sector - Gas Migration



The Virtual Curtain Division provides the turnkey design, supply and install solution of a unique, patented no-dig 'virtual' gas barrier to intercept, treat and control lateral migrating ground gases.

The system is widely known as the Virtual Gas Curtain and provides a safe and cost-effective alternative for control of migrating gases. Virtual Gas Curtain is a practical alternative to physical vertical gas

membrane barriers and gravel vent trenches up to 10m deep, using vibro-displacement, or deeper using rotary drilling. The system is a safer, non-entry installation with rapid install programmes.







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