

Sustainability

At Aalberts, we are no-nonsense, straight-talking, proudly technical people, who engineer mission-critical technologies for ground-breaking industries and everyday life. So it should be no surprise that sustainability has been a concern of ours since 1975 because, well, it's just common sense.

3 megatrends are shaping our future

rapid urbanisation

Cities are getting bigger and our aging population demands more and more services and comfort. Our technologies and products can help cities become healthier and more sustainable. It's a real opportunity, when managed properly, cities can be eco-friendly and comfortable places to live and work

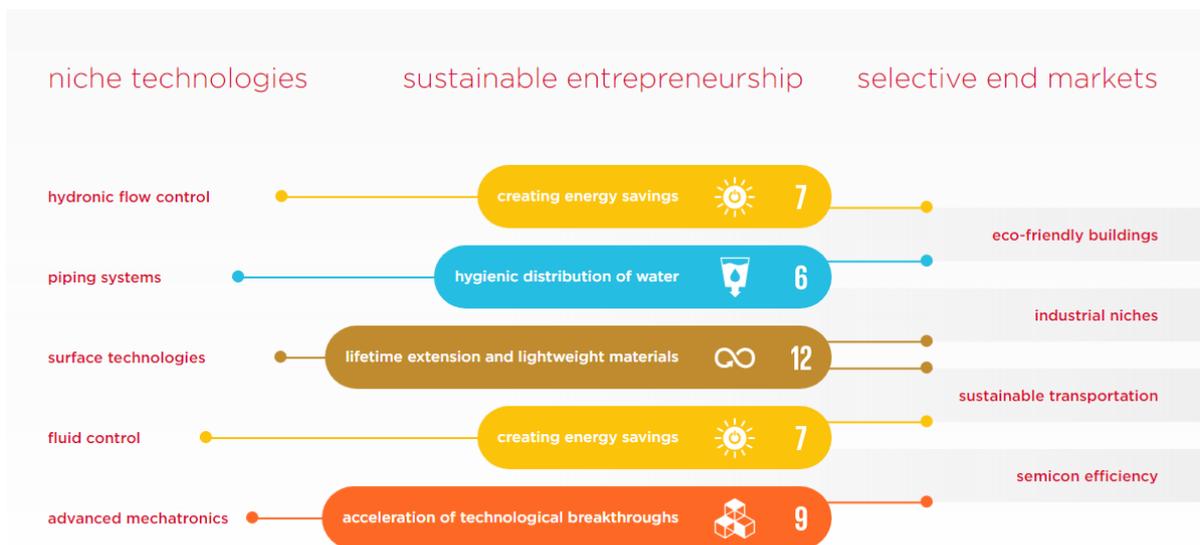
climate change and resource scarcity

The rising demand for energy and raw materials continues to strain the finite resources of the planet. The world needs solutions that improve energy efficiency, lower waste and make materials more lightweight and durable. Our breakthrough innovations can push real progress.

The Internet of Things

As sensors, semiconductors and connectivity become more capable and cost efficient, the collection and analysis of data is set to explode. Smart homes, autonomous cars and connected industries are all areas that we provide technologies for and will be important drivers of positive change.

These megatrends create a rapid shift towards co-development, connectivity and integration



our commitment

Aalberts IPS believe that good safety, health and environmental management is critical to the success of our business. We engineer mission-critical technologies for a smart, clean and responsible future. Our commitment is to collaborate with our suppliers, partners and customers to create shared value and make real progress towards a carbon neutral economy in 2050.



Products built to last

Aalberts IPS apply the principles of quality and reliability to their products and innovations.

Our R&D departments engineer with a 'fit to last' strategy, focusing on maximising lifetimes of components and solutions.

Energy efficiency and waste reduction at the heart of what we do

Each year, Aalberts piping systems deliver over three hundred million meters of pipes and connections for the hygienic distribution of drinking, potable and waste water. Our solutions ensure clean water use and water savings.

Aalberts thermostatic radiator valves are top rated for energy efficiency, providing accurate temperature adjustment in response to conditions inside a room.

The Pegler Energy Policy has now been refined, objectives agreed and an action plan is in development. The overall objective is to embed a culture of continuous energy efficiency improvement, while also complying with legislation, managing energy security risks and reducing the impact Pegler has on the environment has now been refined, objectives agreed and an action plan is in development.

Shaping eco-friendly buildings

Energy consumption and efficiency is of increasing importance to the construction of new buildings. By offering a range of products in a BIM format, we facilitate the reporting of detailed dimensions to better monitor cost, maintenance schedules and performance. This helps to reduce cost and increase the certainty of project outcomes, as well as future-proofing our products for advanced reporting on the embedded and operational carbon of projects.



responsible choices

Aalberts IPS have set ambitious targets for carbon and waste reduction and have several projects in place to work towards this, including a project to adapt our light fittings which will save up to 186 tonnes of CO2 year on year. We set high standards not only for ourselves but for our suppliers, from whom we require the completion of ethical questionnaires and audits. A dedicated supplier development engineer is responsible for overseeing supplier due diligence.

We are committed to monitoring and reducing waste on site and via our packaging using continuous evaluations of our policy and processes.

Our factory uses recycled brass to manufacture our products. Each year, Aalberts IPS recycle over 6000 tonnes of brass. Our packaging is over 96% recyclable and we are currently working on a project to improve this further.



a common goal

Our sustainability strategy cannot be achieved alone. We partner with numerous organisations in our industry in order to share best practice and accelerate our progress.

In May 2021, Aalberts IPS was awarded the prestigious gold status award by the Supply Chain Sustainability School. Our engagement with the School has facilitated more in-depth collaboration with our key clients and prompted conversations of collective projects with the mutual goal of reducing waste and energy consumption. We are now better informed to understand the ambitious sustainability objectives of our clients, and to ensure that our proposal supports and furthers those objectives.



UK energy saving projects

Heating

Modifications to space heating time and temperature controls resulted in an energy saving of **2,000,000kWh** (368tCO₂e) in 2020.

Lighting

Lighting in our Doncaster site is being upgraded to LED with presence detection and photo-cell controls. Completion in 2022 will result in annual energy savings of **720,000kWh** (184tCO₂w).

Plating Plant

Improved control of plating plant air supply, extraction systems and process boiler. Phase 1 of this project began in Q1 2021. Annual energy savings will be **906,000kWh** (194tCO₂e).

results

Due to the results of many waste and energy reduction projects at in the UK fir Aalberts IPS, emissions have seen a considerable reduction since its baseline year of 2019. We are proud of the reductions achieved and will continue to use data-driven projects to further our progress.

Scope 1 and 2 Emissions - UK

2019:

6,352.8tCO₂e



25.5%

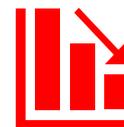
Relative CO₂e Emissions - UK
(tCO₂e per tonne of production output)

2019-2020



20%

Q1+Q2 2021 vs 2019



39%

