

UKSPF Magma



Funded by
UK Government



Cheshire West
and Chester

BACKGROUND

Magma Granite Ltd, established in 2016 and previously based in Deeside, relocated to Sealand Industrial Estate in Chester in August 2022, aiming to prioritise sustainability and energy reduction at their new site. Specialising in bespoke granite cutting using CNC machines and edge polishers, their manufacturing process requires significant water usage. They have invested in a water filtration system capable of filtering up to 100 gallons per minute, reducing overall water consumption and ensuring the elimination of silica dust.

WHAT WE DID

Groundwork were the appointed delivery partner for Cheshire West and Chester for this grant programme. We supported Magma on their grant application progress by;

- Conducting a site visit to review all their energy consumption measures, from lighting to equipment
- Calculating their carbon emissions, undertook a cost/benefit analysis
- Developed an action plan and business case for investment
- Supported Magma with the grant application process

OUTCOMES

Following our support, Magma was able to install Solar PV Panels, Solar energy storage unit and a Wood Waste Heater on-site, resulting in:

- £33,874 cost savings per year
- 24.36 tonnes of carbon saved per year



SUSTAINABLE
BUSINESS