



CREAGH
INNOVATION IN CONCRETE

Creagh Concrete Products Ltd Sustainability Summary 2022

- Greenhouse Gas Emissions
- Resource Recycling
- Responsible Sourcing
- Water Usage
- Waste
- Employees
- Transport Impacts

- Creagh Concrete Products Ltd produced 4,959,360kg of CO2 emissions relating to precast production in 2022
 - Local breakdown as follows:

Type	Usage kWh
Gas	2,337,738
Diesel	4,490,961
Kerosene	7,231,797
Electricity	3,919,345
Gas Oil	3,226,037

- This equates to 12.94kg CO2 per tonne of precast produced.
- Total energy use/ tonne product (kWh/ tonne) 55.35

Creagh Concrete have carefully considered the end of life use of our products. All of our products are designed & manufactured in a manner which allows for full recycling of all our products at the end of their lifespan.

Creagh Concrete aims to:

- Reuse concrete products if feasible if they do not meet our rigorous QA protocols
- Extract constituent materials from any concrete waste recycled externally as far as reasonably practicable
- Recycle any wood bi-products created from our production processes or use a fuel to aid in our production process

All of Creagh Concrete's constituent materials are fully traceable in our supply chain. The companies are monitored against the certifications below;

- 95% and above are certified to ISO 9001:2015
- 85% and above are certified to ISO 14001:2015
- 50% and above are certified to ISO 45001
- 50% and above are certified to BES 6001
- All of our figures have been 3rd party verified

All of our precast products are covered under BES 6001 certification. We achieved a performance rating of 'Very Good' in our latest audit which was carried out under the most up to date standards framework for Responsible Sourcing of Construction Products.

- Creagh Concrete used 60.4 litres of water per tonne of product
- Creagh Concrete encourage the use recycled water where possible i.e. harvested rainwater, water abstracted from boreholes
- Water Consumption:

Product Category	Water Consumption m3
Flooring	16,756
Concrete Blocks (LW/ Medium/ Dense)	1,576
Structural Precast	4,197
Paving Blocks & Flags	126

Creagh Concrete Products Ltd ensures that as little waste as possible goes to landfill. This is achieved through lean manufacturing and effective recycling.

Creagh Concrete total waste/ tonne product (kg/ tonne) 72.61

Industry Target of production waste to landfill is <0.5kg/ tonne and reduce overall factory waste by 10%

Creagh currently dispose of no production waste to landfill

Creagh Concrete will provide equal opportunity for all job applications and employees. All recruitment, promotion and training will be based upon an individual's ability and job performance and will exclude any consideration of religious beliefs, political opinion, sexual orientation, gender, marital status, ethnic or racial background, age or disability.

The company is committed to maintaining a positive and harmonious working environment

➤ Workforce Diversity 2022

Age	Male	Female	Total
<30 years	24.2%	2.7%	26.90%
30-50 years	43.2%	3.6%	46.84%
>50years	23.9%	2.4%	26.27%

Creagh Concrete transport concrete products throughout the Republic of Ireland, Northern Ireland and the UK.

There is a partial transport impact from delivery of product due to the average delivery distance of finished product.

The proximity of the manufacturing facilities and extraction of raw materials and use of back loads aids in minimising transport impacts.

- Creagh Concrete received a total of 16,332 loads of constituent materials covering a distance of 1,014,835 km in 2022 totalling 453,276 tonnes of product
- Currently industry standard delivery distance is 80km and the average lorry load is 20T