



CASE STUDY

INKTECH
INNOVATION IN INK

Installed in

**4
Weeks**

Founded in 1989, InkTech is one of the UK's most respected independent manufacturers of specialist inks and coatings, supplying clients across print, packaging, and industrial sectors. Operating from its main production facility on Crawford Street, Rochdale, with a secondary facility in The Netherlands, InkTech is a manufacturing business with a strong commitment to sustainability and operational efficiency.

Annual
reduction of

**38
Tonnes**
of CO₂ emissions

As part of the InkTech Sustainability Plan, which is aligned with the Paris Agreement and a goal to achieve net-zero greenhouse gas emissions by 2050, the organisation recognised the need to take practical steps to reduce both energy costs and carbon emissions. Solar was identified as a strategic solution to support long-term environmental and operational goals.

To enable investment while preserving capital for business growth, InkTech partnered with Shawton Energy to install a rooftop solar system using a fully funded 25-year Power Purchase Agreement (PPA).

£21K

Savings p.a. in
electricity costs

THE PROCESS

Shawton Energy designed and installed a 212kWp rooftop solar PV system across 937.6m² of roof space at InkTech's Rochdale facility. The system consists of, 424 high-performance solar panels, and 2 commercial grade inverters.

The PPA model enables InkTech to benefit from low-cost renewable electricity without any upfront capital expenditure, making it a low-risk and high-impact sustainability investment.

**212
kWp**

Array output

THE RESULT

InkTech now generates 182,644kWh onsite, and will save 38,059 kg of CO₂ emissions each year, reducing its exposure to volatile energy markets while lowering operational emissions year-on-year.



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