

## **A-Project:**

### **Shotton Mill Expansion Project, Flintshire, UK**

#### **Exporter: Solar Turbines Switzerland SAGL**

The project involves the conversion and expansion of an existing industrial site, previously a newsprint mill, into a containerboard and tissue manufacturing facility with associated combined heat and power (CHP) plant, in Flintshire, North Wales, United Kingdom.

Once completed, the project will have the capacity to manufacture up to 750,000 tons of cardboard per year, which will be produced exclusively from recycled paper. In addition, a tissue paper line with an annual production capacity of 67,000 tons will be installed, which will use a combination of virgin fibre and recovered paper as feedstock.

The deliverables of Solar Turbines Switzerland SAGL include a 46 MW CHP plant, which is planned to supplement an existing 20 MW biomass plant. Under normal circumstances, all outputs of the CHP plant will be used by the factory. The key inputs of the plant are natural gas and compressed air, pre-treated water and condensate from the paper machines, and cooling air. A new effluent treatment facility is intended to recycle as much water as possible for re-use in the system.

Further Project Information:

Shotton Mill, Flintshire, Public Consultation see <https://shottonmillconsultation.co.uk/>