**Flue2Chem: is it working?**

**The Flue2Chem project is aimed at redesigning and validating a UK value chain to convert industrial waste gases (both fossil and non-fossil) into sustainable materials for consumer products. The project consists of a consortium of 17 organisations including Unilever, SCI, Tata Steel, UPM, Holmen and other businesses, universities, and non-governmental organisations. Flue2Chem is an excellent example of how Carbon Capture and Utilisation (CCU) of industrial waste gases could enable the chemical sector could produce higher-value, lower carbon footprint chemicals and reduce (or eliminate) its reliance on virgin fossil feedstocks.**

**Although still in progress, we have already learned a lot about the challenges and opportunities of a such a large project – consisting of companies who, under other circumstances, might have considered themselves competitors. We have confirmed our suspicions that, although much of the science is "proven", when it comes to practical and commercial implementation, there is still a lot of work ahead. And we have learned that many of the regulatory and fiscal environments we are working in are out-of-date and need restructuring to enable the chemistry using industries to address their part in the drive to net zero.**

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