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Sustainability at BASF

Report

We create chemistry for a sustainable future

We want to contribute to a world that provides a viable future with enhanced quality of life for everyone. We do so by creating chemistry for our customers and society and by making the best use of available resources.

For further information:

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(01) BASF and LanzaTech are joining forces to turn industrial off-gases into chemical precursors

(01.11.2022 / 6'30 / DE&EN / Report)



Gaseous carbon as alternative feedstock source

BASF and the U.S. firm LanzaTech are working together on special processes in which bacteria use gaseous carbon sources, such as carbon monoxide and carbon dioxide, as a raw material. The carbon can come from off-gases from steel mills, refineries and chemical plants but also from gasified household waste. The two companies would now like to produce higher alcohols and other intermediates using gas fermentation.

TRANSCRIPT

Comment

00:32 – 01:29	Manfred Van Vlierberghe, Chief Executive Officer, ArcelorMittal, Belgium
01:41 – 02:51	Dr. Detlef Kratz, President Group Research, BASF
02:32 – 03:03	Dr. Jennifer Holmgren, Chief Executive Officer, LanzaTech
03:43 – 04:37	Dr. Sean Simpson, Founder and Chief Scientific Officer, LanzaTech
05:10 – 05:42	Dr. Detlef Kratz, President Group Research, BASF
05:43 – 06:11	Prof. Michael Kopf, Director alternative fermentation platforms, BASF

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