

LANXESS starts series production of modular X-Biomer plants

- **Cooperation with Hüni as technology partner for engineering and asset realization**
- **In situ production improves sustainability profile**

Cologne, August 28, 2020 – With its modular plant concept ReeL (resource-efficient manufacture of leather chemicals), the specialty chemicals company LANXESS is embarking on the next phase of commercialization. To produce the container-sized production modules, LANXESS has joined forces with Hüni AG, which is based in Switzerland, to jointly work on initial customer projects. In this partnership, LANXESS and Hüni will elaborate the individual concepts for initial customers, with Hüni focusing primarily on plant engineering and construction of the modules, while LANXESS will contribute its chemical process engineering and application expertise to the X-Biomer production.

The innovative ReeL technology was developed by the LANXESS Leather business unit in partnership with the German companies Invite and Heller-Leder. It is used for recycling shavings from leather production in the tannery directly on-site and using these to produce X-Biomer retanning agents fully automatically. This approach completely eliminates any of the costs involved in transporting the materials to recycling companies or for disposal.

Since November 2017, and as part of the ReeL project, which is sponsored by the German Federal Ministry of Education and Research (BMBF), LANXESS has been running a pilot plant for in-situ production of the retanning agent X-Biomer at and together with the Heller-Leder tannery in Hehlen in Lower Saxony, Germany. The process has been tested under real-life production conditions and developed to market readiness. Six different X-Biomer product types have already been developed. A range of other exciting applications are in the research pipeline.

LANXESS AG

Contact:
Michael Fahrig
Corporate Communications
Spokesperson, Trade &
Technical Press
50569 Cologne
Germany

Tel. +49 221 8885 5041
michael.fahrig@lanxess.com

Page 1 of 3

Dr. Dietrich Tegtmeier, head of the ReelL project at LANXESS:
“These plants dramatically improve the sustainability profile. On the one hand, in-situ and just-in-time production helps to save a great amount of logistics and packaging resources; on the other hand, we no longer have to dispose of shavings as waste products because we can now use them as a raw material for the required retanning chemicals.”

X-Biomer is a fundamental element of LANXESS’s Sustainable Leather Management program. “Leather is already a climate-neutral product. X-Biomer products help to increase the climate-neutrality of leathers even further so that one day we might be able to get close to 100%. The partnership with Hüni AG, one of the most renowned plant and automation technology providers in the leather industry, will help us to achieve this goal even more quickly,” says Dr. Thomas Brackemeyer, head of the Organic Leather Chemicals business line at LANXESS.

Further information on the products and services offered by the LANXESS’s Leather business unit is available at www.leather.lanxess.com.

LANXESS is a leading specialty chemicals company with sales of EUR 6.8 billion in 2019. The company currently has about 14,300 employees in 33 countries. The core business of LANXESS is the development, manufacturing and marketing of chemical intermediates, additives, specialty chemicals and plastics. LANXESS is listed in the leading sustainability indices Dow Jones Sustainability Index (DJSI World and Europe) and FTSE4Good.

Cologne, August 28, 2020
mfg

Forward-Looking Statements

This company release contains certain forward-looking statements, including assumptions, opinions, expectations and views of the company or cited from third party sources. Various known and unknown risks, uncertainties and other factors could cause the actual results, financial position, development or performance of LANXESS AG to differ materially from the estimations expressed or implied herein. LANXESS AG does not guarantee that the assumptions underlying such forward-looking statements are free from errors, nor does it accept any responsibility for the future accuracy of the opinions expressed in this presentation or the actual occurrence of the forecast developments. No representation or warranty (expressed or implied) is made as to, and no reliance should be placed on, any information, estimates, targets and opinions contained herein, and no

LANXESS AG

Contact:
Michael Fahrig
Corporate Communications
Spokesperson, Trade & Technical
Press
50569 Cologne
Germany

Tel. +49 221 8885 5041
michael.fahrig@lanxess.com

News Release

liability whatsoever is accepted as to any errors, omissions or misstatements contained herein, and accordingly, no representative of LANXESS AG or any of its affiliated companies or any of such person's officers, directors or employees accept any liability whatsoever arising directly or indirectly from the use of this document.

Information for editors:

All LANXESS news releases and their accompanying photos can be found at <http://press.lanxess.com>. Recent photos of the Board of Management and other LANXESS image material are available at: <http://photos.lanxess.com>.

You can find further information concerning LANXESS chemistry in our WebMagazine at <http://webmagazine.lanxess.com>.

Follow us on Twitter, Facebook, LinkedIn, Instagram and YouTube:

<http://www.twitter.com/LANXESS>

<http://www.facebook.com/LANXESS>

<http://www.linkedin.com/company/lanxess>

<http://instagram.com/lanxesskarriere>

<http://www.youtube.com/lanxess>

Image



Modular plant for resource-efficient manufacture of leather chemicals. This plant allows tanneries to recycle shavings from leather production directly on-site and use these to produce X-Biomer retanning agents fully automatically. Photo: LANXESS AG

LANXESS AG

Contact:

Michael Fahrig

Corporate Communications

Spokesperson, Trade & Technical

Press

50569 Cologne

Germany

Tel. +49 221 8885 5041

michael.fahrig@lanxess.com