

## Joint News Release

### **BASF and Lallemand Biofuels & Distilled Spirits to collaborate and leverage synergies bringing increased value to ethanol producers**

SAN DIEGO, CA, and DULUTH, GA, June 11, 2018 – [BASF Enzymes LLC](#) and [Lallemand Biofuels & Distilled Spirits](#) (LBDS) have formally entered into a marketing and sales collaboration agreement to leverage synergies between the two companies' products that maximize value to customers in the ethanol market in the United States. As part of this collaboration, BASF will use its enzyme portfolio for applications in liquefaction and fermentation in order to maximize fermentation performance. LBDS will use its TransFerm yeast product line that provides increased ethanol yields and reduces the need for glucoamylase addition.

BASF and LBDS bring collective know-how and insights with yeast and enzymes, complimented by technical support for process optimization of the whole ethanol process. This comprehensive collaboration will increase the overall value to our customers with robust fermentations and higher ethanol yields.

“Collaborating with LBDS is a key milestone in our efforts to better serve our customers with increased-value to their bottom line,” said Dirk Daems, Director of Operations, BASF. “LBDS’s leading yeast technology and expertise in fermentation is the perfect complement to our high-performance enzyme portfolio and technical support in the field.”

“Being able to bring to market the best liquefaction enzymes in the world, coupled with our TransFerm yeast products, will generate even more value for our customers through increased efficiencies,” said Angus Ballard, President of LBDS. “We are very excited to be teaming up with BASF and their innovative enzyme technology, to make this vision a reality.”

Both BASF and LBDS are proud to sponsor the International Fuel Ethanol Workshop & Expo (IFEW) taking place this week in Omaha, Nebraska. Customers, members of the media and others attending IFEW can find BASF at booth #1220 or LBDS at booth #620 on the main showroom floor on June 11-13.

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**About BASF**

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The more than 115,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of €64.5 billion in 2017. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (BAS). Further information at [www.basf.com](http://www.basf.com).

**About Lallemand Biofuels & Distilled Spirits**

Lallemand Biofuels & Distilled Spirits (LBDS) is a business unit of Lallemand, Inc. Based in Duluth, GA, Lallemand Biofuels & Distilled Spirits is a leading supplier of fermentation ingredients and value creating services to the global fuel ethanol and distilled beverage industries. For more information on LBDS, please visit [www.lbds.com](http://www.lbds.com)