

7th International Congress on

BIOFUELS AND BIOENERGY

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Malgorzata Slupska

POET, USA

Advances in the commercial ethanol production

POET, the world's largest biofuel producer, is a leader in biorefining through its efficient, vertically integrated approach to production. The 30-year-old company has a network of 27 production facilities with a production capacity of 1.75 billion gallons. POET employs approximately 1,800 team members and in addition to ethanol produces 9 billion pounds of distillers' dry grains and approximately 550 million pounds of corn oil per year. POET's mission is to be a good steward of the Earth by converting renewable resources to energy and other valuable goods as effectively as humanly possible. POET is also known for its excellent record of innovation with a "raw starch" process (BPX) being the most widely known.

POET, through its joint venture with DSM, also operates a commercial-scale cellulosic ethanol plant in Emmetsburg, Iowa. Project LIBERTY has a 20-25 million gallon capacity. Project LIBERTY is currently ramping up production and has achieved a conversion rate of 70 gallons per ton of biomass. The latest achievements at Project LIBERTY will be further discussed during the meeting.

Biography

Dr Malgorzata Slupska has completed PhD at the Institute of Biochemistry and Biophysics Polish Academy of Sciences at Warsaw, Poland and postdoctoral studies at Lawrence Berkeley Laboratory and University of California Los Angeles, CA. For over 15 years she worked in the area of biofuels at biotech companies (Diversa and Verenum, San Diego, CA), BP Biofuels (San Diego, CA) and currently she is a Lignocellulosic Research Director at POET (Sioux Falls, SD). She has published more than 20 scientific papers and coauthored 12 patents and patent applications.

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