GATEWAY TO SCIENCE ETHANOL EXHIBIT

Status Report: Contract R-027-036
Provided Jan. 19, 2018
For the period of Oct. 1-Dec. 31, 2017
Provided by the North Dakota Ethanol Council

Objectives

The objectives of this project are: 1) to increase the long-term use of ethanol in North Dakota by educating students, parents and educators in the region on the benefits of ethanol to the economy, environment and energy independence; and 2) to ensure the future of the ethanol industry workforce by engaging students, parents and educators in the lifecycle of ethanol production, specifically the scientific process of converting an agricultural product, which is a growing source of sustainable energy, into high-value co-products, including ethanol and distillers grains.

In addition to the North Dakota Ethanol Council (NDEC), partners in the program are Gateway to Science (GTS) and Science Museum of Minnesota (SMM), as well as ethanol industry stakeholders including: CTE Global Inc, Dupont, Gavilon, Growth Energy, Lallemand and New Age Cryo.

The strategy that will be implemented to meet the objectives is the installation of a hands-on, interactive, ethanol-specific exhibit to be utilized as a pilot at the current facility and then permanently installed at the new GTS facility in Bismarck, ND, which is scheduled to open in 2018.

Strategy Progress

As mentioned in the prior report, the final pilot ethanol exhibit was delivered to Gateway to Science on October 18, 2017. During this reporting period, 1,535 guests visited the gallery, including field trips/visits from Shiloh Christian School, Maple Valley Junior High, Hazen Elementary, MOPS and homeschool groups (see attached photos). Gateway to Science Center guides are once again conducting interviews and recording observations of guests' reactions. The ethanol exhibit continues to be one of our most popular exhibits with some of the longest dwell times.

See attached photos or interaction with the exhibit.

Produce ethanol—a
Distill
Dry

Produce ethanol—a clean-burning fuel