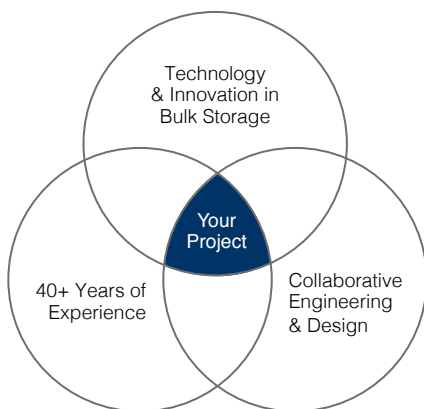


Scope of Work:

- FEED Study
 - Value Engineering
 - Geotechnical Analysis
 - Material-Handling Systems Engineering
 - Structural Engineering
 - Mechanical Engineering
 - Electrical Engineering
 - Procurement & Subcontract Management
 - Dome Construction
 - Tunnels Construction
 - Material-Handling Systems Installation
 - Explosion Relief Installation
 - Additional Steel & Concrete Construction
- None Some All

Storage & Reclaim:

- 1 Dome: 38.7m (127ft) Wide x 33.8m (111ft) Tall
- 18,000 Metric Tons, Grain
- Clean Sweep Screw, 1 Above-Grade Tunnel, 50% Live Reclaim



The DomeSilo™ maximizes storage capacity on minimal real estate.



Dome Technology designed and constructed the truckpit, conveyors and DomeSilo™ for this project.



Unlike steel bins, domes provide ideal conditions for stored materials with high product throughput requiring a controlled environment.

Overview:

In 2016 Dome Technology completed construction on a grain DomeSilo™ and its handling systems for global commodities merchandizer and agricultural-goods processor Louis Dreyfus Commodities in Cahokia, Illinois.

The DomeSilo™ will function as a daybin allowing it to be filled during the day and emptied at night. "They will fill this dome and unload trucks all day long, and at night they will load the barges out of the dome," said Dome Technology project manager Darryl Cunningham, who noted that this model will increase the number of trucks running through the site to as many as 1,000 per day. Dome Technology also oversaw construction of a five-truck grain dump, and crews tied into an existing line providing access to a rail/truck pit on site.

The Cahokia dome will contain temperature sensors like those installed for wood-pellet domes "to monitor the product and determine what kind of condition the product is in, making sure it's not too hot in there," Dome Technology sales manager James Stoker said.

This is the second project for Louis Dreyfus. In early 2016 Dome Technology completed an 11,500-metric-ton canola-pellet dome for the company in Yorkton, Saskatchewan, Canada. "This is our first time using concrete domes for this type of storage, and Dome Technology was determined to be the most qualified for this application and location," said Louis Dreyfus project manager Ross McEllhiney.

Dome Technology leadership hopes the projects will be a first step towards a long-term working relationship with Louis Dreyfus. "We want to not only provide the best storage solution, but also execute the best we can and provide a great product and project (to) satisfy the customer," Stoker said.

"For nearly four decades we've relied on a collaborative approach with companies—they're in the driver seat, and we help navigate. In every project Dome Technology incorporates innovative technology to maximize storage capacity and system performance with an economical solution," Bradley Bateman, CEO, Dome Technology.



Read more about this project at: link.dometechnology.com/7073