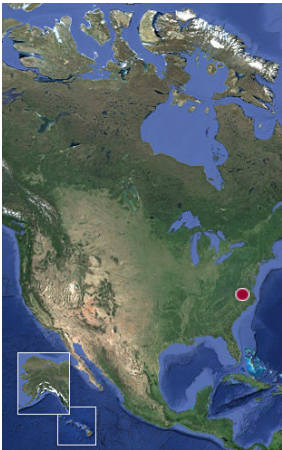


# FLUOR®

## Projects



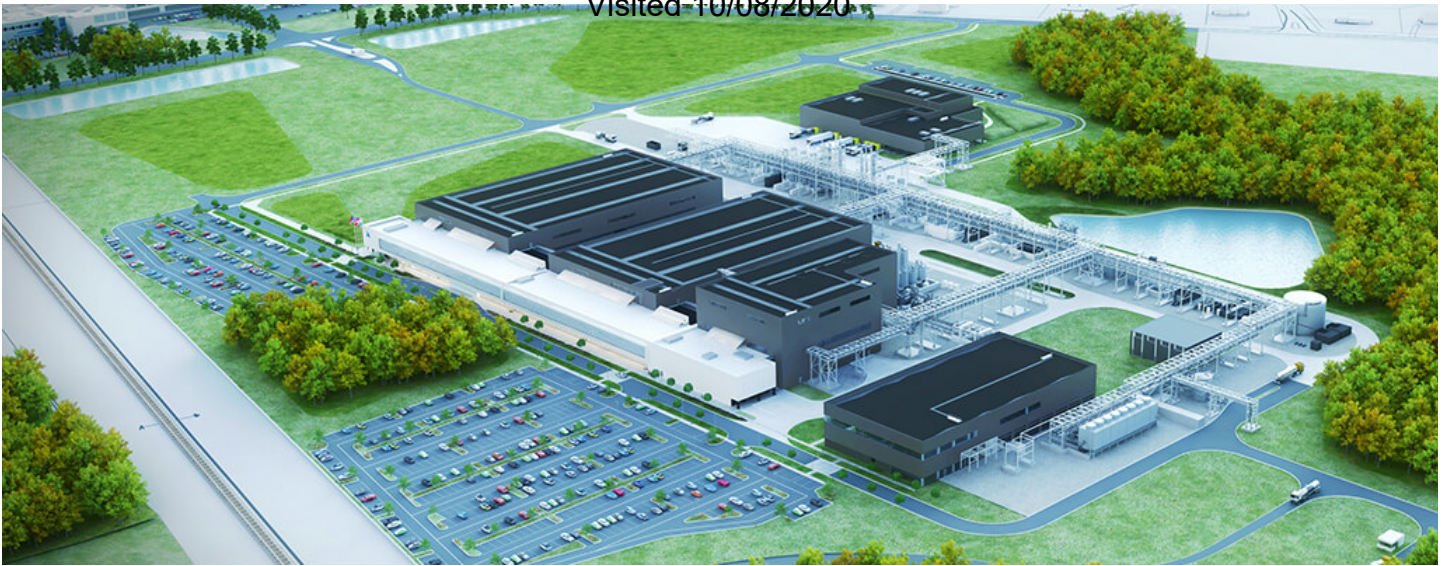
**Client**  
Novo Nordisk

**Location**  
Clayton, NC, U.S.

## Novo Nordisk API Manufacturing Facility

Fluor was awarded an engineering, procurement, and construction management contract by Novo Nordisk for the construction of a new pharmaceutical ingredient (API) manufacturing facility in Clayton, North Carolina. Fluor previously provided basic design services for the facility.

The facility will produce pharmaceutical ingredients for various medicines, providing modern treatment to people in the U.S. and around the world. The world-class facility is a significant life sciences facility investment in North Carolina's I-85 corridor. This is Novo Nordisk's largest project. Nearly 2,500 craft and subcontractor jobs are expected at peak construction, and 1,000 jobs are expected at the facility upon completion.



## Client's Challenge

Novo Nordisk is a global healthcare company with more than 90 years of innovation and leadership in diabetes care, as well as care for other serious chronic conditions including hemophilia, growth disorders and obesity. Novo Nordisk is headquartered in Denmark and employs approximately 42,000 people in 77 countries. The company markets its products in more than 165 countries.

The new facility in Clayton, North Carolina will be an expansion of Novo Nordisk's existing fill/finish facility there. The facility will produce active pharmaceutical ingredients for a range of Novo Nordisk's current and future GLP-1 and already marketed products. Process activities will include fermentation, recovery, and purification.

*Source: [www.novonordisk.com](http://www.novonordisk.com)*

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## Fluor's Solution

Fluor is providing engineering, procurement, construction and construction management, and commissioning and pre-qualification for Novo Nordisk's API manufacturing facility in North Carolina.

Once complete, the new facility will measure 800,000 square feet and have a footprint of 85 acres – the equivalent to approximately seven football fields. The Greenfield facility will include a Central Utilities Building (CUB), offices and labs, a warehouse, and three manufacturing plants.

Fluor's Greenville, South Carolina office is leading the project with support from its office in Gliwice, Poland. The project leveraged Fluor's Site Connect<sup>SM</sup> capabilities, our construction management used on mobile devices in the field to expedite project progress and external industry partners to advance a paperless construction process.

In June 2019, the North Carolina Department of Labor awarded Fluor a project team for achieving three million work hours without a lost time incident.

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## Conclusion

A ceremonial groundbreaking marked the beginning of construction activities in March 2016. The facility is expected to be operational in 2020.