



SNC • LAVALIN

Improving Projects

Information Management





SNC • LAVALIN

SNC-Lavalin's Clean Power Group improved workflows on a \$10.7 billion energy project with **Autodesk Docs**.

Improved Project Outcomes with information management for **a large team from 11 companies** in 3 countries, who were using SharePoint to share files across 7 cities. Uploading, downloading, and saving individual files became difficult and time-consuming.

*"Autodesk Construction Cloud, I think it already has made a **huge improvement** in the workflow. Because the project is about to get a lot more complicated now that we're going to start the new phase. I think this was like **a breath of fresh air**.... That puts us in a very good spot in the industry."*

Rodrigo Freig

BIM Manager, Clean Power Group and the Site C Project

20 hours

Worth of time savings per week in information management

4 hours

Workflow time saved per drafter

4.5 days

Time taken to get 165 users up and running on Autodesk Docs, with only a one-hour training session

? Challenge

The project has a large team from 11 different companies in three different countries, so solid communication is essential for success.

Because the project is a high-profile endeavour, the Engineering Design Team did not have external access to the project. To share files across seven different cities, the team set up a local network using SharePoint to exchange files.

However, uploading, downloading and saving individual files grew tedious due to the large number and size of the models. The customer needed a way to improve this process while still using its talented employees.



SNC • LAVALIN





Solution

Before full adoption, the team decided to test the software on a single portion of the project, using Autodesk Docs. The Powerhouse was composed of 15 models and four parent files that the models were linked to, to create construction drawings.

Later, BIM Collaborate Pro was used to manage information flow and revision of the parent files. With a successful test run complete, SNC-Lavalin and its partners had to choose an optimal time for onboarding that wouldn't disrupt the project.

Partnering with Autodesk, the customer chose a long weekend to upgrade its entire system. With successful testing complete, the goal was to set up the project that included over 130 Autodesk Revit software files and mimic the set-up in the local network. This helped make the onboarding process of 165 people to BIM Collaborate Pro go as smoothly as possible.



SNC • LAVALIN



✓ Result

Time savings of around **20 hours per week** in information management.

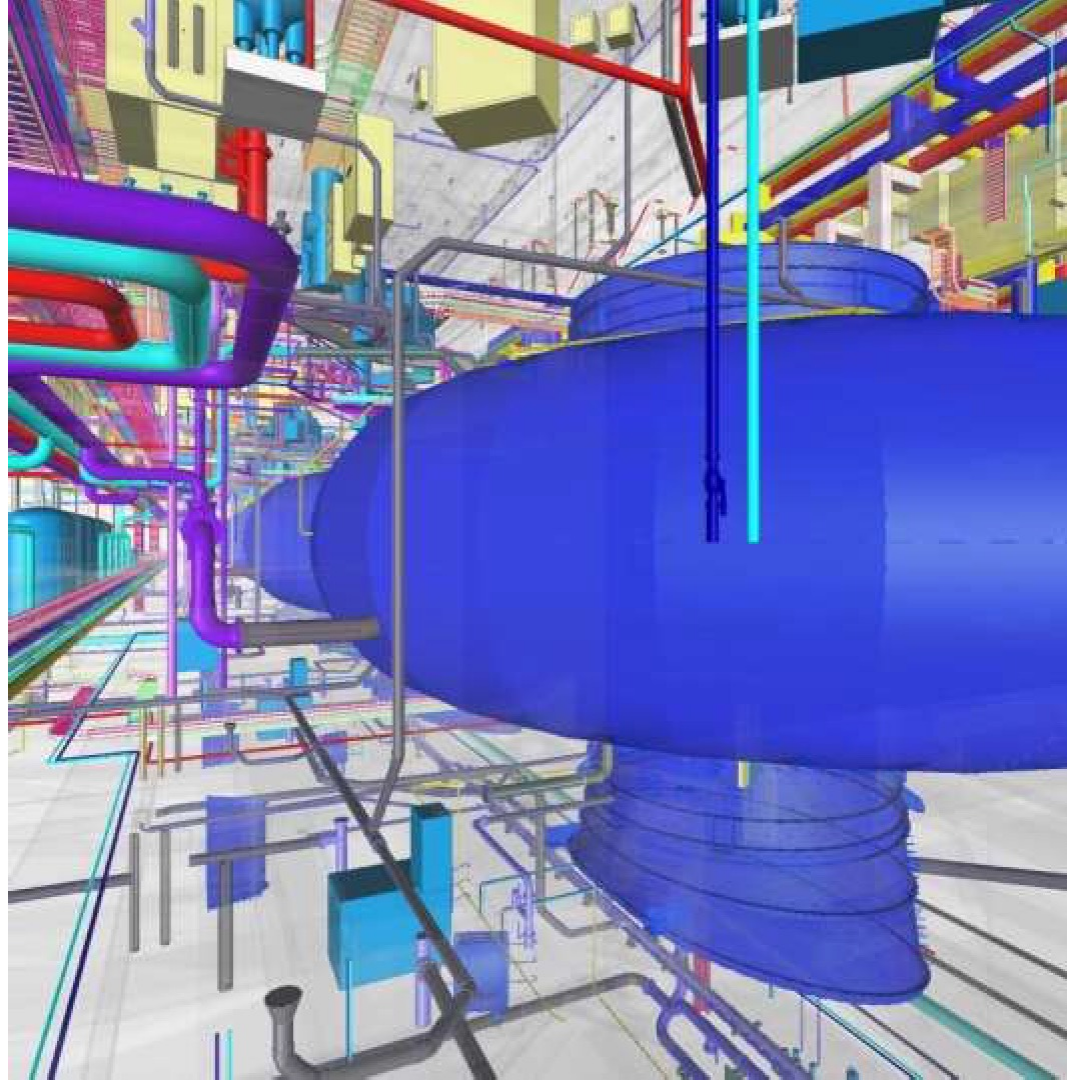
Ability to make and review changes in **real time**.

Reviews now happen as the changes are made, reducing the workflow by **up to four hours per drafter**.

The Engineering Design Team got the project running on Autodesk Docs in **four and half days for 165 users**, with only a one-hour training session.



SNC • LAVALIN



“

Autodesk Construction Cloud, I think it already has made a **huge improvement** in the workflow. Because the project is about to get a lot more complicated now that we're going to start the new phase. I think this was like **a breath of fresh air**.... That definitely puts us in a very good spot in the industry.

Rodrigo Freig

BIM Manager, Clean Power Group and the Site C Project

”



SNC • LAVALIN