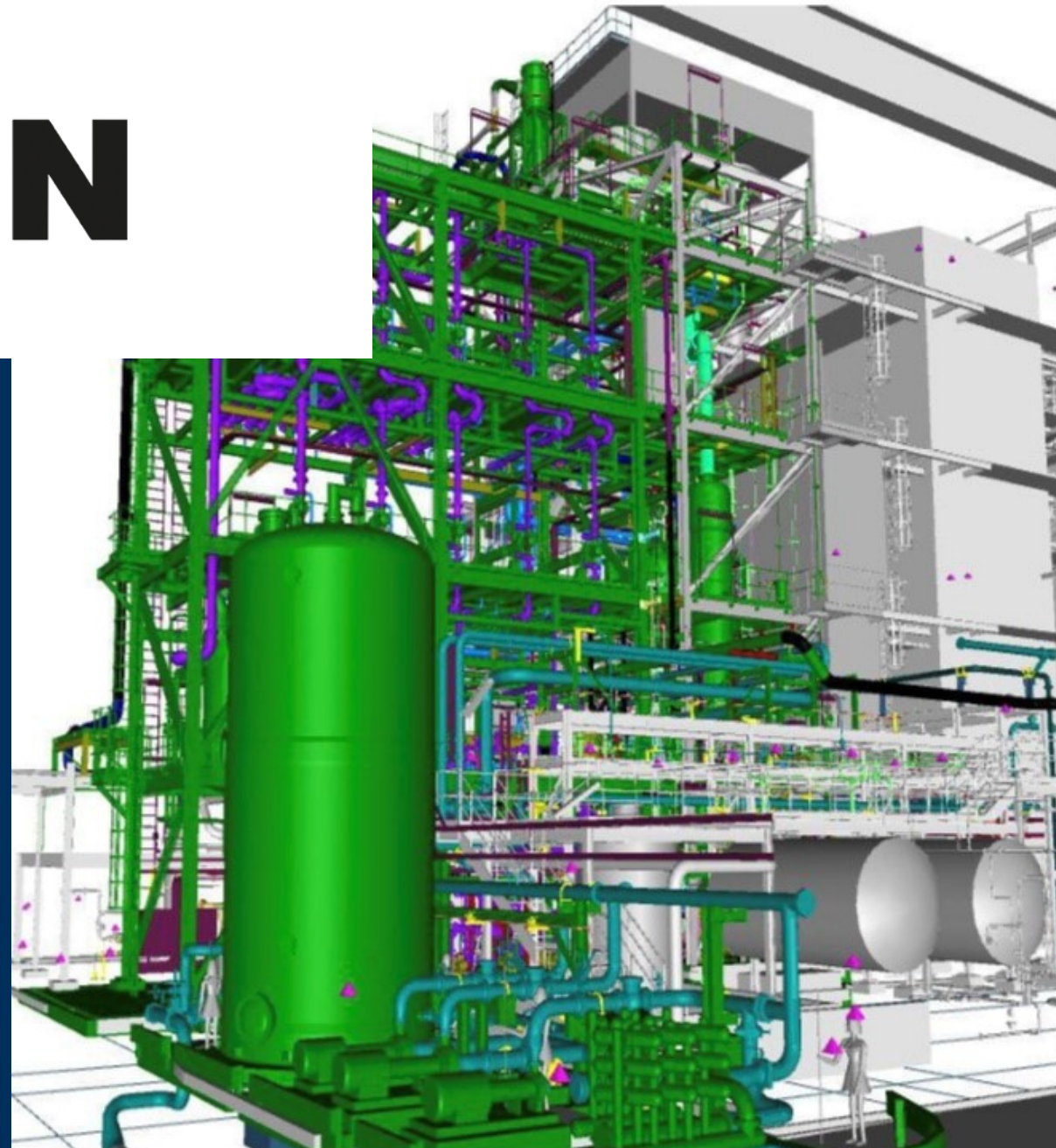




CASE STUDY:

Glassware Replacement Project

The project was commissioned to increase production of existing stream by 50% through replacement of ageing process plant (borosilicate glass) with more robust and technically preferable technology (tantalum). The project required multiple interfaces with the existing structure and was completed whilst the adjacent stream was in operation. The project also involved demolition of the existing "Still" and connections to existing plant to the second steam. A new cooling water tank was installed and pipework was installed and commissioned during shutdown.



SCOPE FOR THE PROJECT

Addison supported our client with their duties of Principal Contractor and Principal Designer by providing Engineering and Management to support the execution of the project.

The mechanical scope included a 3D Laser Scan of the area (328 scan positions, 1TB data) to ensure accuracy and to assist with clash detection. The new pipework (5,000m) was also modelled in E3D / PDMS as requested by our client. All design work was completed on site by a team of 6-8 men during peak.

Addison also attended to the Civil and Structural Design with structural scope completed in TEKLA.

Addison supported on the procurement of equipment and subcontractors from the beginning through to expediting. The subcontractors were managed by an Addison Construction Manager who supported the client in fulfilling their Principal Contractor duties.