



BASF Antwerp optimizes its jetty utilization using Systems Navigator's simulation solution

DELFT; July 8, 2019 - BASF Antwerp partners with Systems Navigator to optimize its Jetty utilization.

Systems Navigator developed a Jetty simulation tool which includes the representation of the current situation at BASF Antwerp and allows to test several scenarios. With this model BASF Antwerp is able to test and compare different design, throughput alternatives and identify the best setup which maximizes throughput, while minimizing waiting time and demurrage.

The project results in a thorough understanding of the expected terminal performance with a focus on:

- Limits of waterside throughput;
- Expected jetty occupancy;
- Expected waiting times; and
- Expected demurrage costs.

According to BASF Antwerp: "We have been working with Systems Navigator since 2014. Very recently, Systems Navigator developed a jetty simulation solution for us. By using this solution, we could test & compare different design and throughput alternatives. The model gave us a deeper understanding of the expected performance in different scenarios and helped to optimize the terminal in several setups. We are very happy with the results as this allows us to maximize throughput, while minimizing waiting time and demurrage. We will use the simulation solution to test drive future strategic decisions and find the best outcome for BASF Antwerp and our customers." – stated Frederic Viaene, ESA/VP Antwerpen 4.0 Verbund Digitalisation Project Lead.

On Systems Navigator side: "Working with the BASF Antwerp project team to create the Jetty simulation tool was very pleasant. During the design, build and experimentation phase we have built a good relationship, which I hope to be long lasting. I am looking forward to see BASF Antwerp future ideas to be implemented, after being tested and optimized via the Jetty simulation tool." – stated Daan Merkestein, Systems Navigator Sr. Simulation Consultant.

About BASF Antwerp

BASF Antwerp's site is located in the northernmost part of the port of Antwerp. It is the largest chemical production site in Belgium and the second largest BASF group site in the world.

About Systems Navigator

Systems Navigator is a global leader in advanced and predictive decision support technology. Since 2003, our employees are working around the globe for a wide range of customers on the most challenging projects.



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We assist our customers in making better decisions on where to spend their capital by demonstrating the impact of change through simulation modelling. Our Dropboard platform for planning & scheduling helps companies optimize their operations, improve customer service and maximize the use of their assets.

To learn more about this project or Systems Navigator, please contact our office at +31 (0) 15 750 1030, [email us](mailto:info@systemsnavigator.com) or visit the website at www.systemsnavigator.com.

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