

Volvo Construction Equipment  
Building Tomorrow



# VOLVO SITE SIMULATION

Run your site more efficiently







# LOWER YOUR COST PER TON

Using Volvo Site Simulation, we can help you optimize site productivity and lower your total cost of ownership. Get recommendations on the best fleet configuration and site set-up to maximize efficiency and profitability.







# GET SET-UP FOR PROFITABILITY

Make on-site logistics more efficient, maximize productivity and lower your cost per ton with the help of Volvo Site Simulation tool.



## Optimum fleet configuration

- Perform mixed fleet comparisons
- Determine the right Volvo equipment for the project at hand
- Consider factors such as machine size, quantity, fleet configuration and attachments



## The best haul route

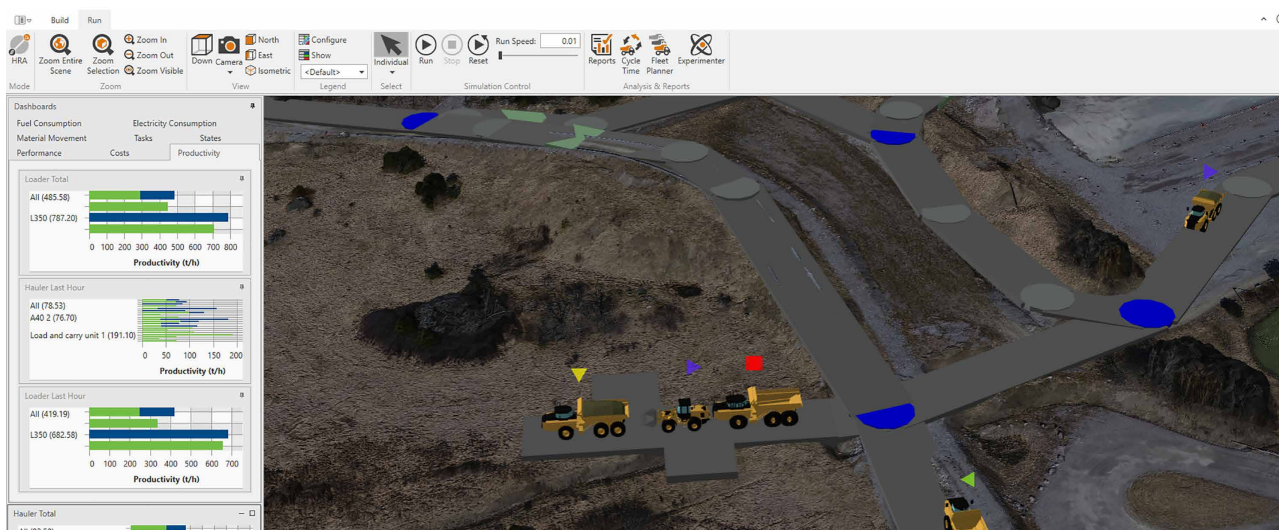
- Get advice on the optimum site configuration
- Consider multiple factors such as payload, travel gradients and travel distance



Scan the QR code to watch our Volvo Site Simulation video!

## Powerful projections

- On-screen animations and simple written reports
- Projections on owning and operating costs
- Insight into the impact on overall costs
- Greater accuracy in planning, forecasts, budgets and bids



## The right resources

- Visualize how operator performance will impact productivity
- Identify the optimum behaviors needed to maximize project efficiency
- Receive guidance on any specific actions or training required



## Less fuel, less CO<sub>2</sub>

- Reduced fuel consumption
- Reduced carbon footprint and environmental impact
- Site reports include information on CO<sub>2</sub> emissions



# HOW IT WORKS

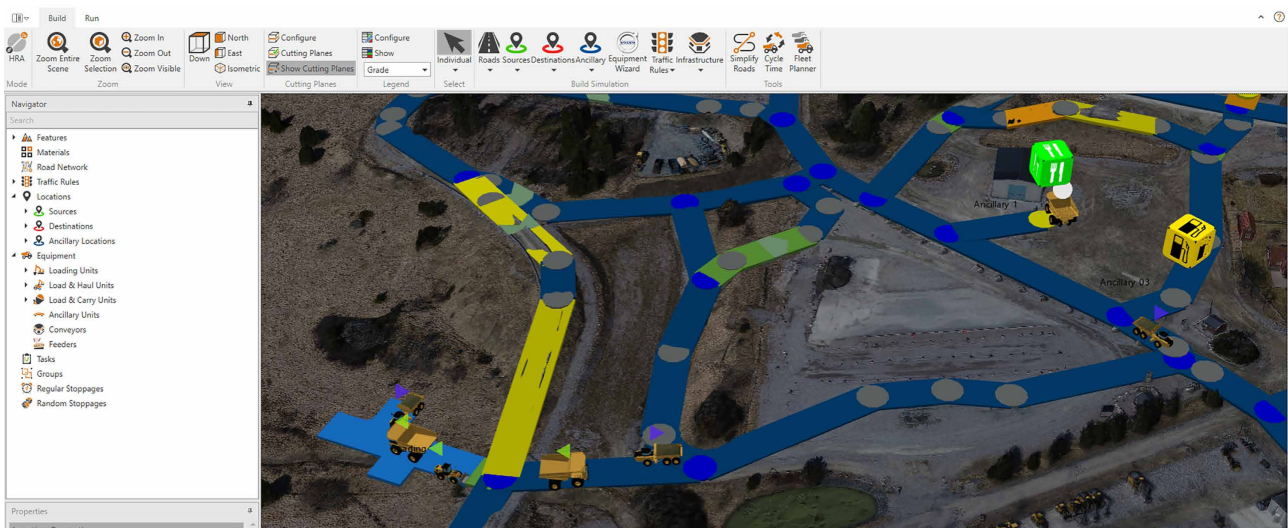
A Volvo Site Simulation is tailor-made to your situation and operational goals. Our team of experts work with your data to configure a simulation designed to optimize your real-life operation.

## 1. Collect data

We work closely with you to gather data from your site. Jobsite-specific factors such as bank density, swell factor, average bucket fill percentage and ground conditions are entered into the tool. It is also possible to scan your site with a GPS device or drone.

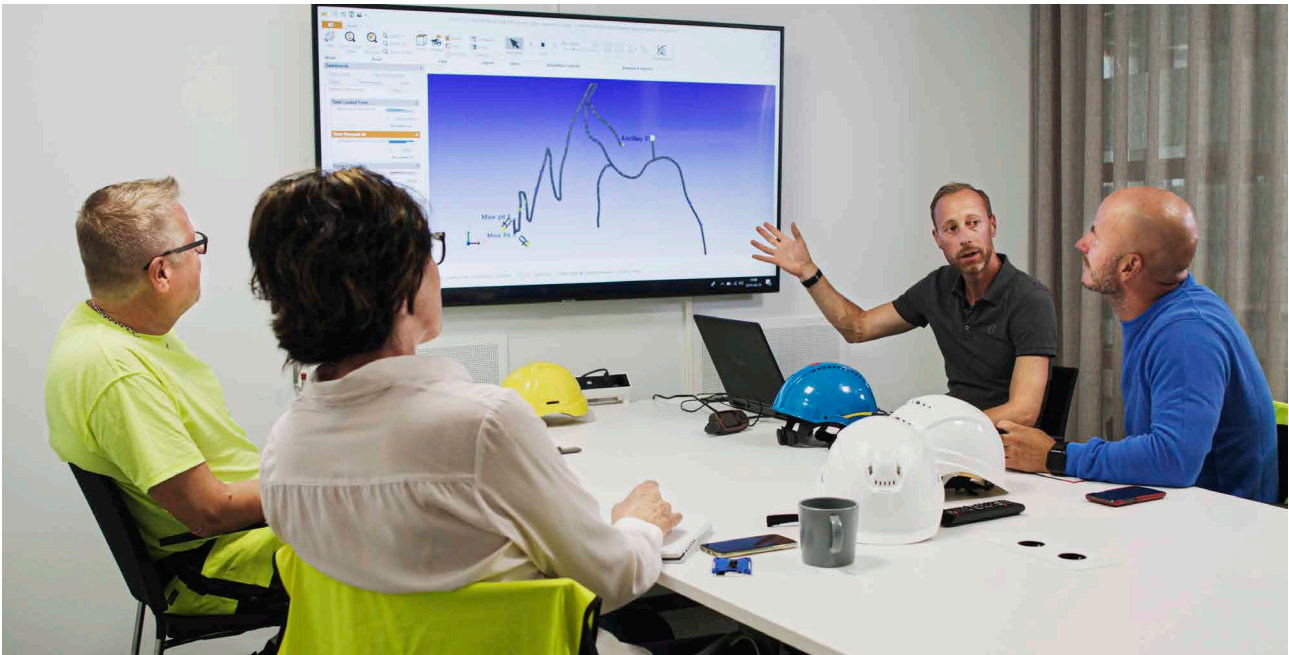


## 2. Run the simulation



### 3. Analysis and advice

Compare, review and recommend the best solution for your site.



## WHAT OUR CUSTOMERS SAY



Barton used Volvo Site Simulation to analyze a site which included four different haul routes, considering factors such as the gradients and curves. Site specific information such as speed limitations, work schedules and material density were also considered.

*"Volvo Site Simulation was very informative. It showed us how we could improve the efficiency of our operation based on the operating environment today and in the future."*  
**Kevin Fish, Quarry Manager at Barton (United States of America)**



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