

PLACE: GUADALAJARA, MEXICO LAT: 20° 67.3'N, LONG: 103° 34.3'W

REDUCING ENVIRONMENTAL IMPACT. IN YOUR WORLD

Segment: Vehicles

Challenge: Reduce the time and cost of waste handling related to packaging crank shafts.

SOLUTION

A customized returnable packaging designed with internal fittings to separate and protect the crank shafts.

RESULT

With the returnable solution in place, the waste problem was completely eliminated. In addition, the customer gained easier handling, improved logistics and a 60% savings in packaging costs over the project lifetime.



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PLACE: HAMBURG, GERMANY LAT: 53°55.1'N, LONG: 9°99.3'E

IMPROVING SUPPLY CHAIN. IN YOUR WORLD

Segment: Aerospace
Challenge: Outsourcing of packaging supply and setting up a service for maintenance, repair and overhaul operations

SOLUTION

Nefab designed a standardized packaging system to reduce the number of packaging products. A vendor-managed inventory and an RFID system were implemented to supply and keep track of all packaging solutions from one single point.

RESULT

The implemented packaging solutions and service concept reduced the total cost for packaging and logistics by more than 35%. The savings was the result of reducing the number of packaging items, freeing up warehouse space and dealing with one supplier rather than several.

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PLACE: JÖNKÖPING, SWEDEN LAT: 57° 78.3'N, LONG: 14° 16.2'E

REDUCING DAMAGES. IN YOUR WORLD

Segment: Healthcare Equipment

Challenge: Redesign a packaging solution for magnetic resonance scanners to eliminate transport damage.

SOLUTION

A semi-reusable, easy-to-assemble packaging crate equipped with an inner floater deck to improve protection from shock and vibration during transport and handling.

RESULT

Savings of USD 1M by eliminating transport damage. In addition, the company achieved a 62% savings in total logistics costs thanks to shorter packing time, optimized packaging size, and reduced weight. With improved re-usability and less material, the new solution reduces environmental impact as well.



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PLACE: NEW YORK, UNITED STATES OF AMERICA LAT: 40° 79.1'N, LONG: 73° 95.9'W

REDUCING TOTAL COST. IN YOUR WORLD

Segment: Telecom

Challenge: Redesign a packaging solution for electronic panels to improve shipping & handling.

SOLUTION

Nefab designed a multi-material packaging container with a lightweight pallet, optimized for shipping and handling. The new design allowed a 50% increase in the number of panels per pallet.

RESULT

Increased loading efficiency and reduced packaging weight reduced the total logistics cost by 37%. The changes also improved environmental impact.



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PLACE: BRIDGEPORT, UNITED STATES OF AMERICA LAT: 48°0.4' N, LONG: 119°39.1'W

SECURING DELIVERY. IN YOUR WORLD

Segment: Energy

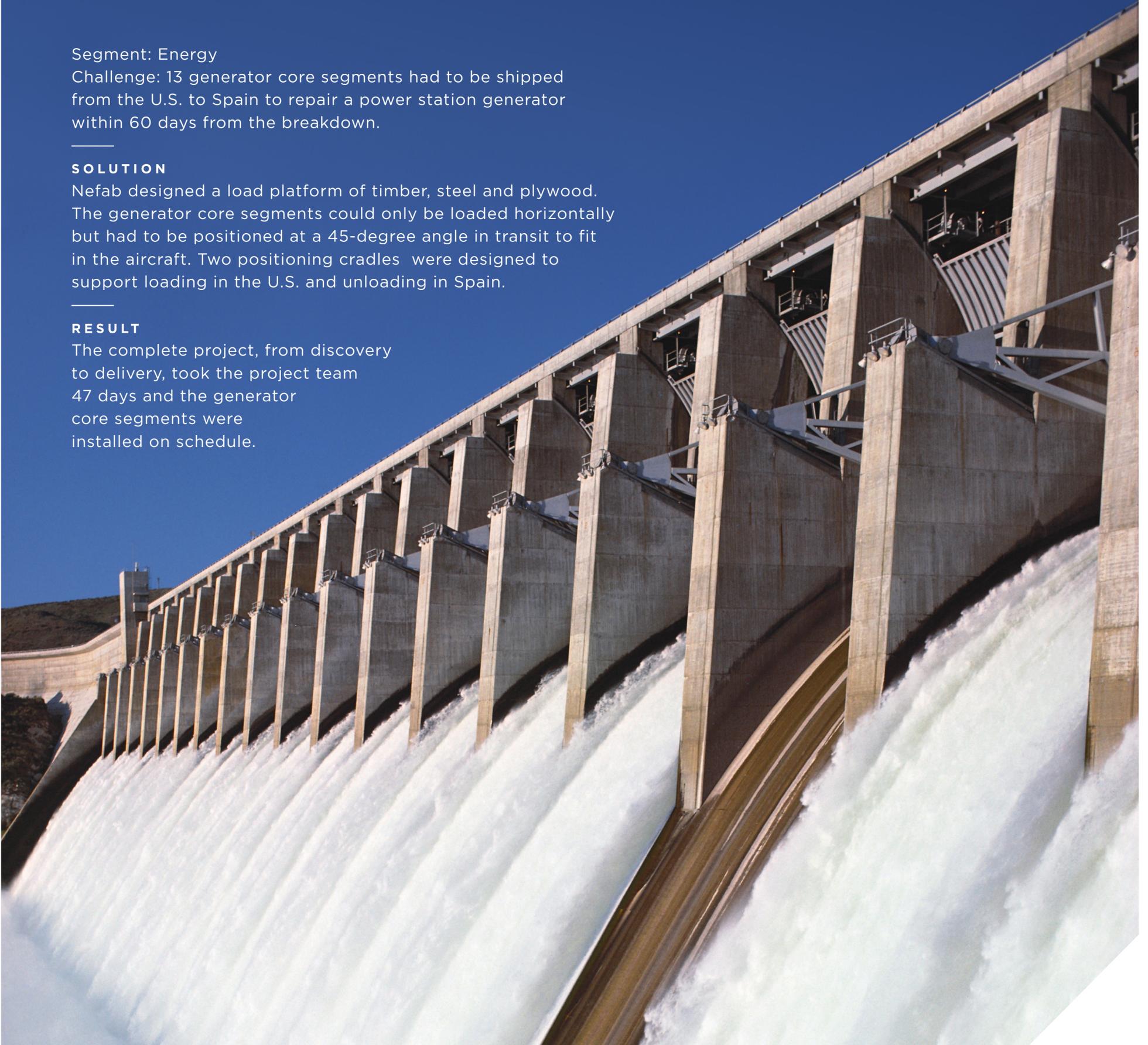
Challenge: 13 generator core segments had to be shipped from the U.S. to Spain to repair a power station generator within 60 days from the breakdown.

SOLUTION

Nefab designed a load platform of timber, steel and plywood. The generator core segments could only be loaded horizontally but had to be positioned at a 45-degree angle in transit to fit in the aircraft. Two positioning cradles were designed to support loading in the U.S. and unloading in Spain.

RESULT

The complete project, from discovery to delivery, took the project team 47 days and the generator core segments were installed on schedule.



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PLACE: TIANJIN, CHINA LAT: 39° 08.4'N, LONG: 117° 20.1'E

IMPROVING LOGISTICS. IN YOUR WORLD

Segment: Industry

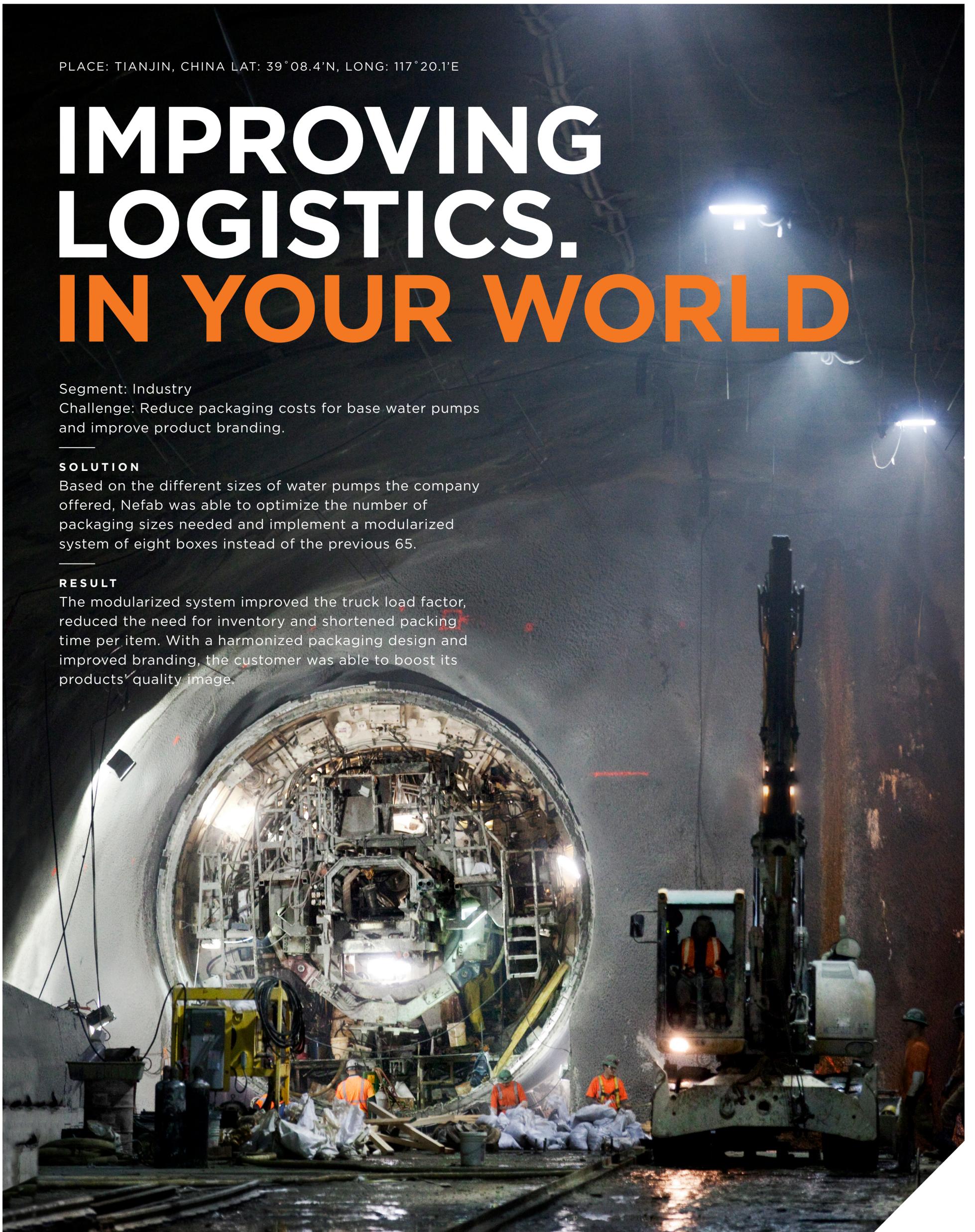
Challenge: Reduce packaging costs for base water pumps and improve product branding.

SOLUTION

Based on the different sizes of water pumps the company offered, Nefab was able to optimize the number of packaging sizes needed and implement a modularized system of eight boxes instead of the previous 65.

RESULT

The modularized system improved the truck load factor, reduced the need for inventory and shortened packing time per item. With a harmonized packaging design and improved branding, the customer was able to boost its products' quality image.



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