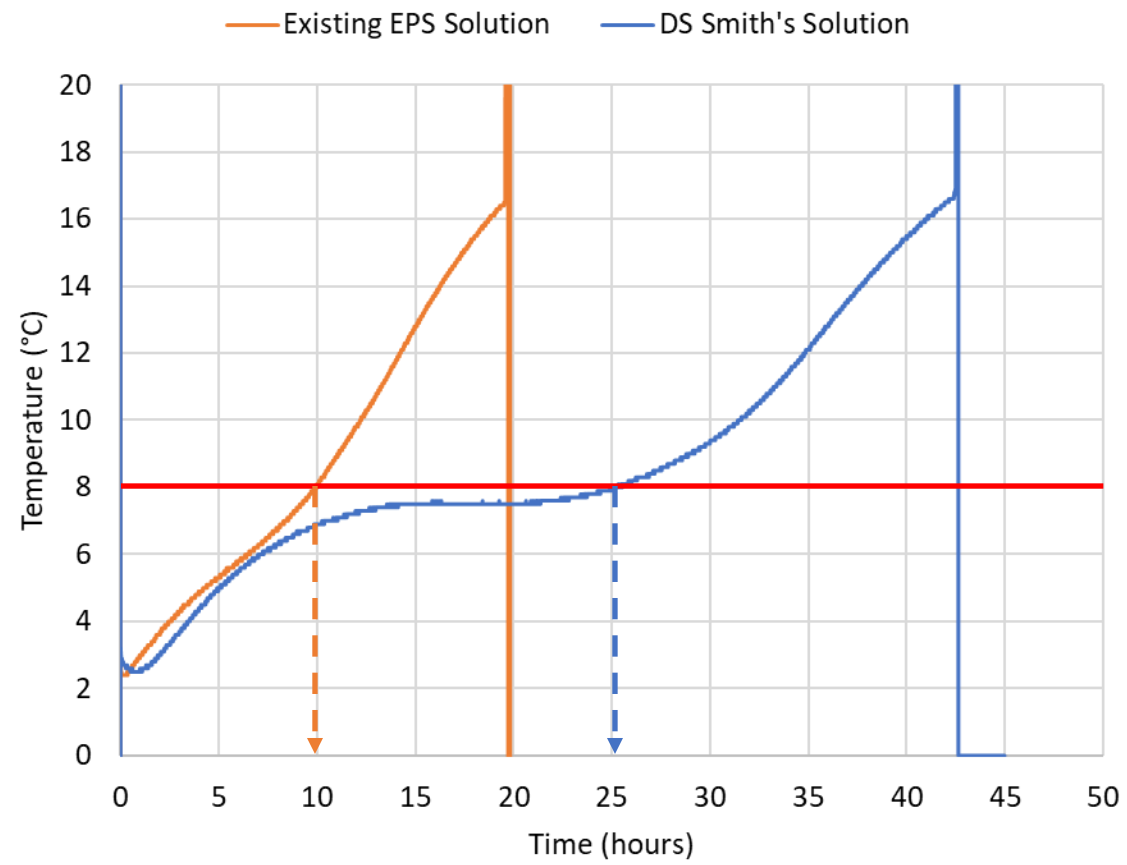
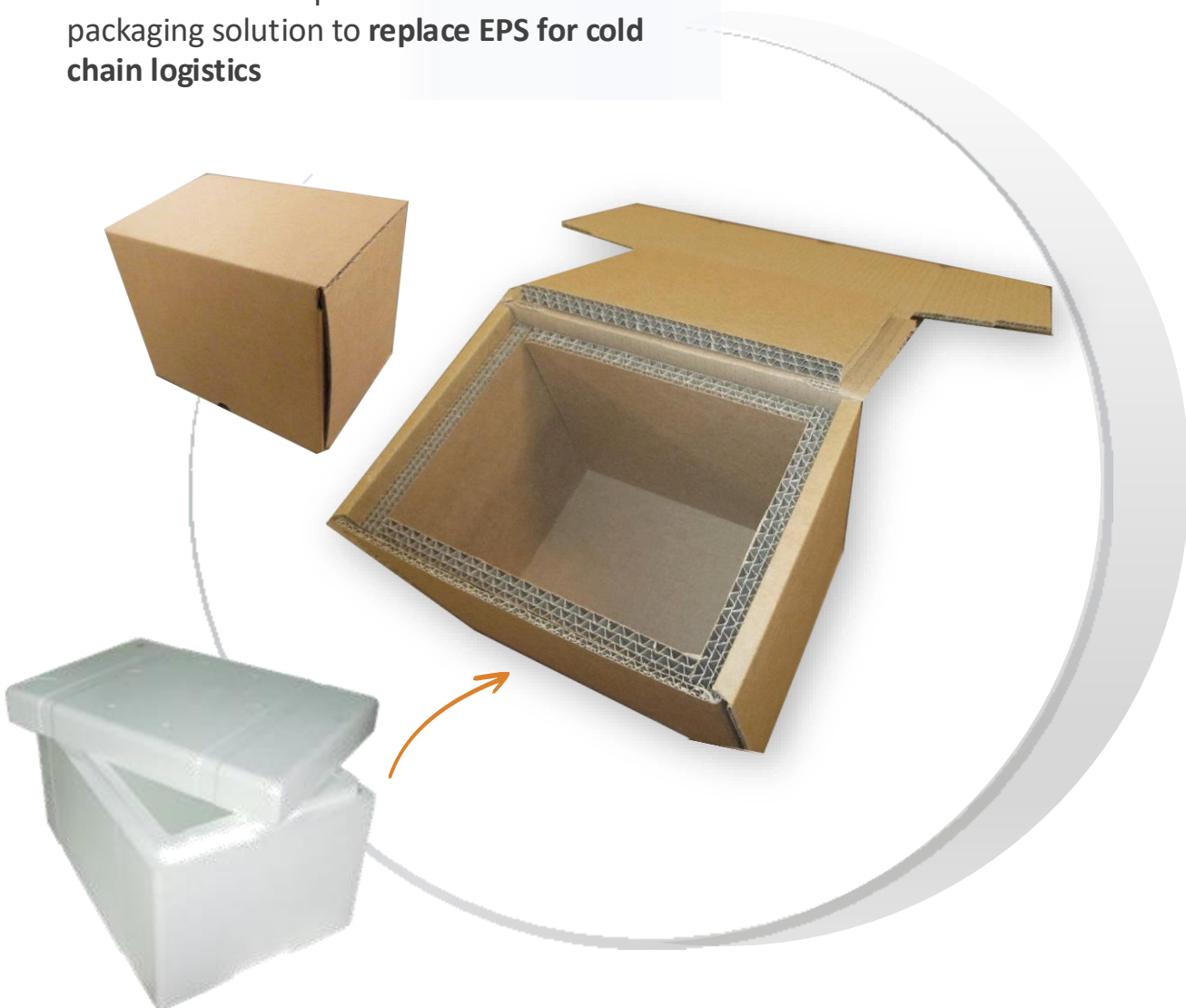


# Case study – replacing EPS boxes

A sustainable temperature-controlled packaging solution to **replace EPS for cold chain logistics**



# Case study – replacing EPS boxes

A sustainable temperature-controlled packaging solution to **replace EPS for cold chain logistics**



## Challenge

A biotech company asked us to replace their existing EPS solution by a sustainable, recyclable alternative with the same characteristics in terms of cold chain duration for a range of 2-8°C. Their products are highly sensible to freezing.



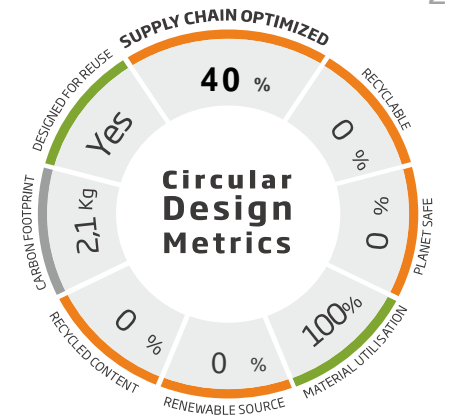
## Solution

A 100% corrugated-based solution, whose dimensions, insulating thickness and quantity of coolants have been computed by our algorithm to meet customer's expectations.

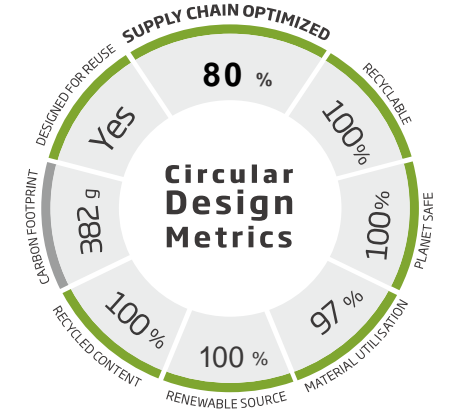


## Benefit

- A **100% recyclable packaging solution**, tested and validated in terms of thermal performance by DS Smith and the customer.
- **Carbon footprint 5.5 times lower** than the existing solution
- **Produced at proximity**, which further lowers CO2 emissions.
- **Ready to use, mounted packaging**
- Pallet-optimised packaging, **saving storage space**



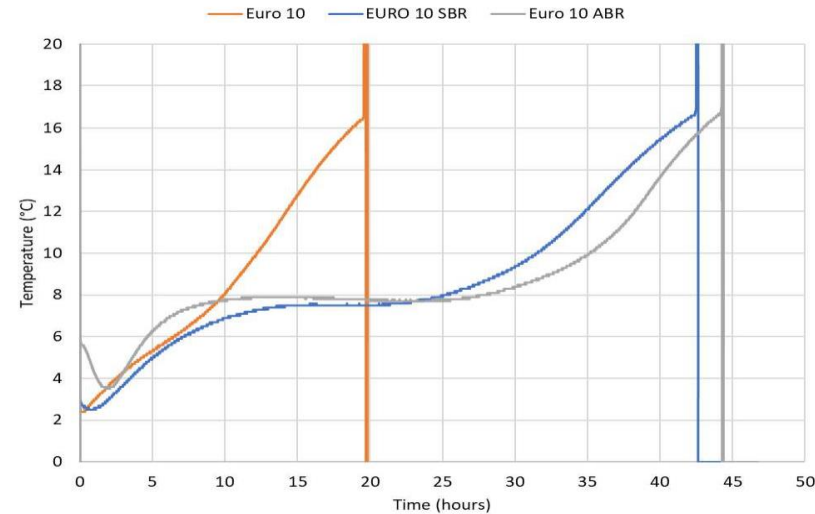
Existing Solution



DS Smith's solution

# Customer Feedback

DS Smith solution was **more efficient** than **the current solution in EPS** which **doesn't maintain** at all the **cold chain duration expected by the customer.**



« There were no doubts about the thermal performance of your solution. »

Quality Control Manager