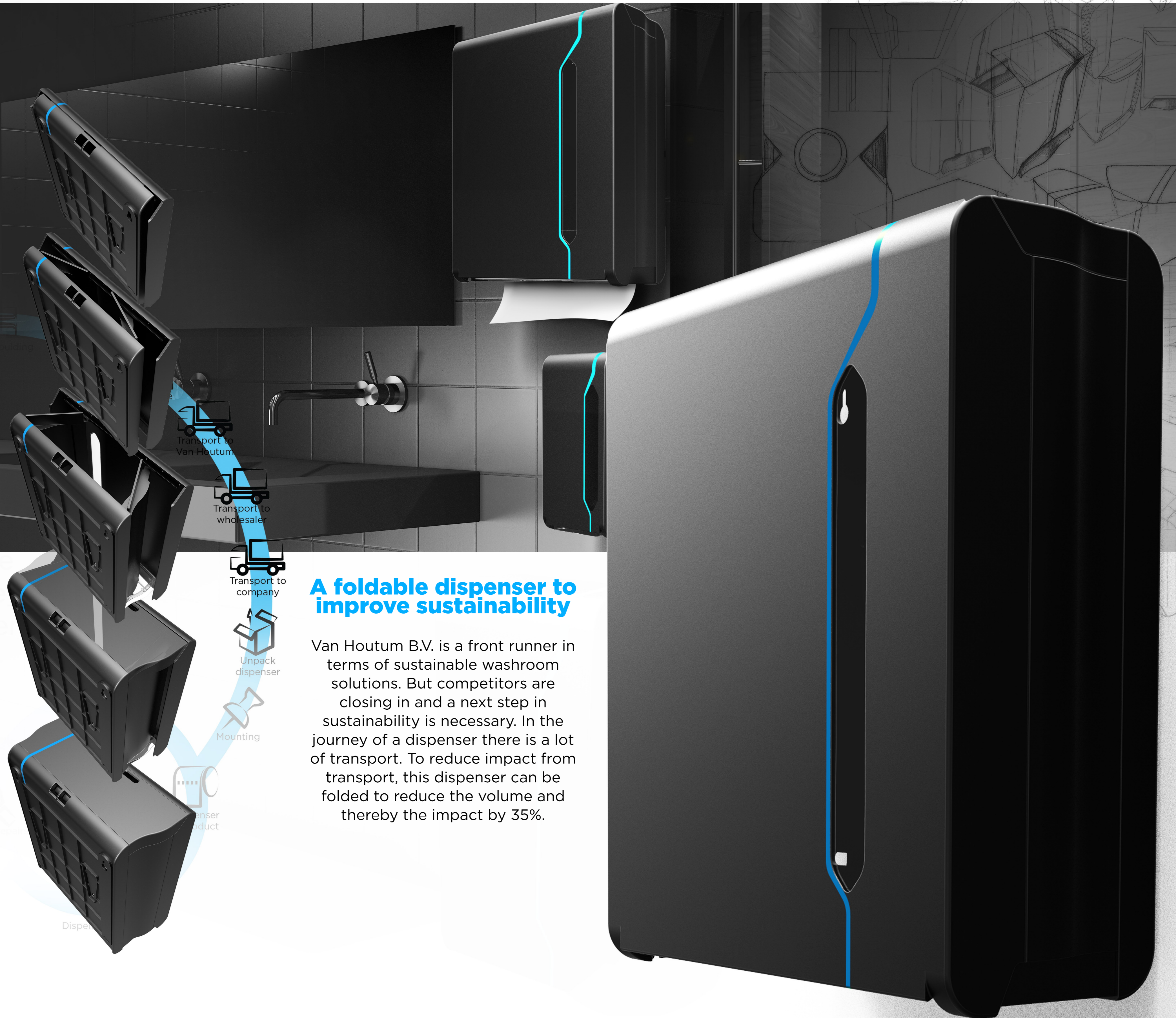
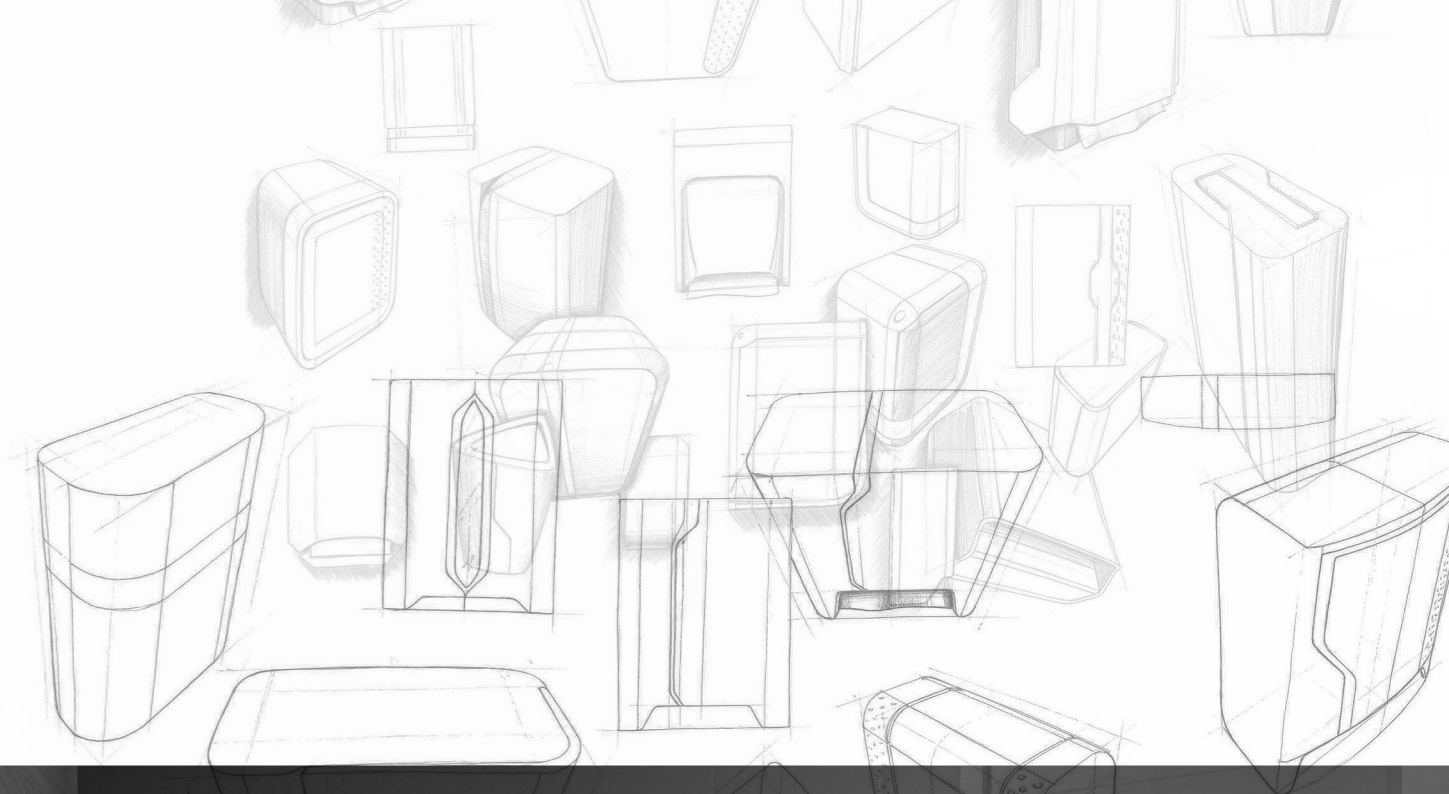


# A wrapped and foldable dispenser

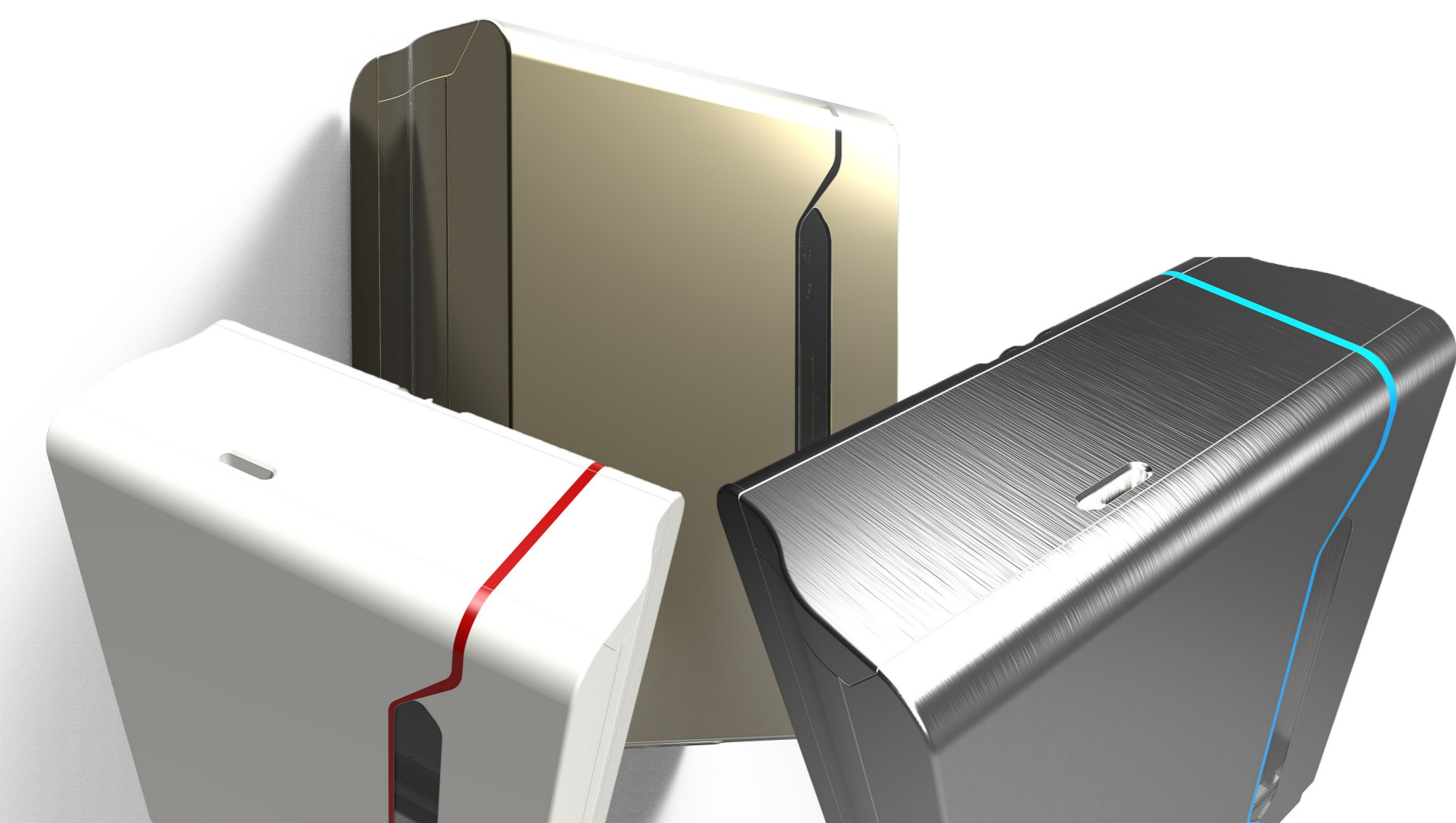


## A foldable dispenser to improve sustainability

Van Houtum B.V. is a front runner in terms of sustainable washroom solutions. But competitors are closing in and a next step in sustainability is necessary. In the journey of a dispenser there is a lot of transport. To reduce impact from transport, this dispenser can be folded to reduce the volume and thereby the impact by 35%.

## Personalizing by wrapping

An important future trend is that washrooms are included more and more in the office, retirement home, and hotel. It needs to convey the message like the rest of the context. By wrapping the dispenser with a PVC an phthalate free printable wrap, a sustainable and endless manner of personalization is possible.



K.F.M. Smit  
4133218  
An innovative and future proof dispenser range  
23-10-2017  
Integrated Product Design

**Committee:** Prof. Dr. Ir. J.M.L. Van Engelen  
Ir. M.C. Haans  
Ir. A. Mey (company mentor)  
**Company:** Van Houtum B.V.