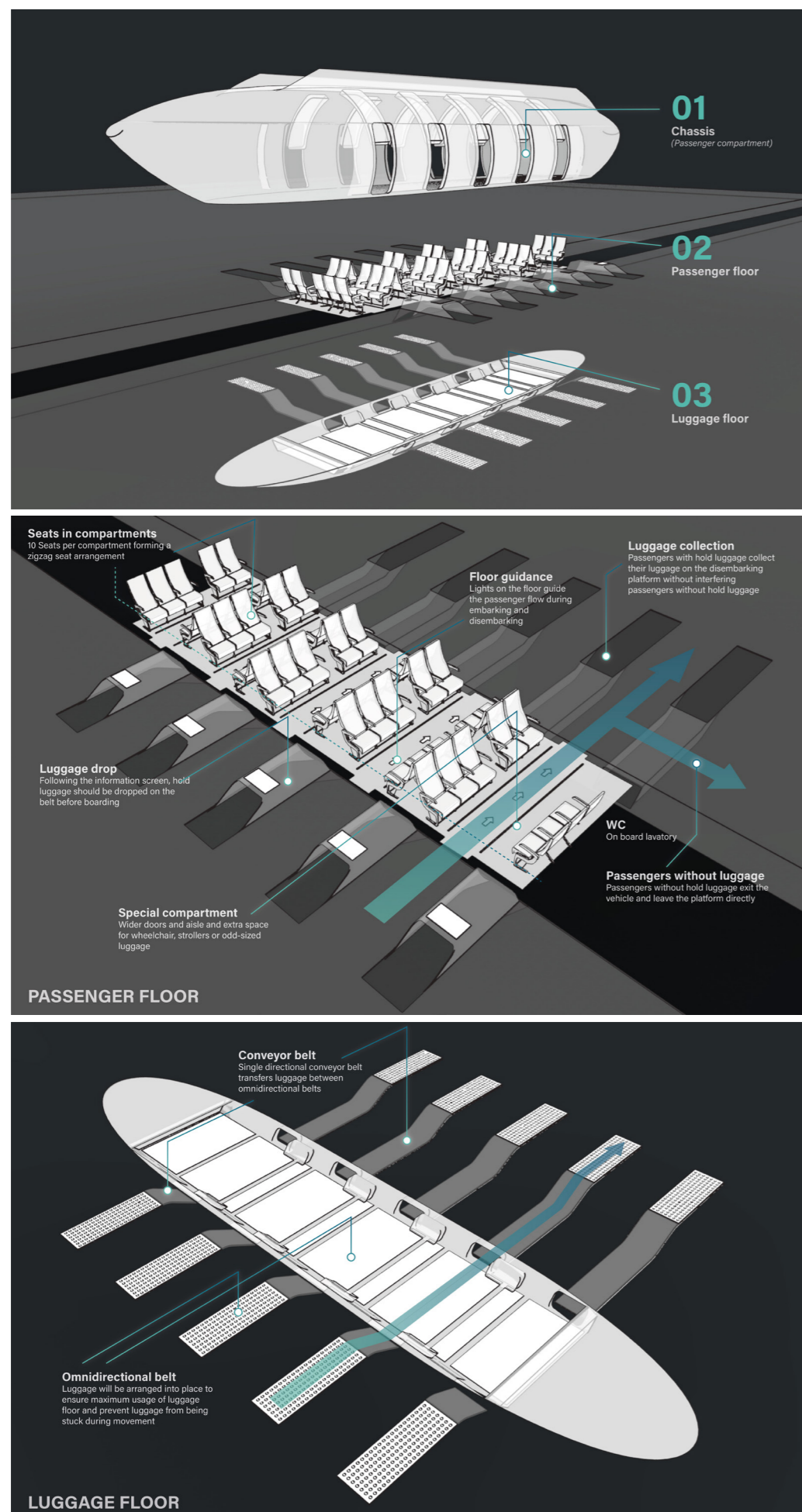
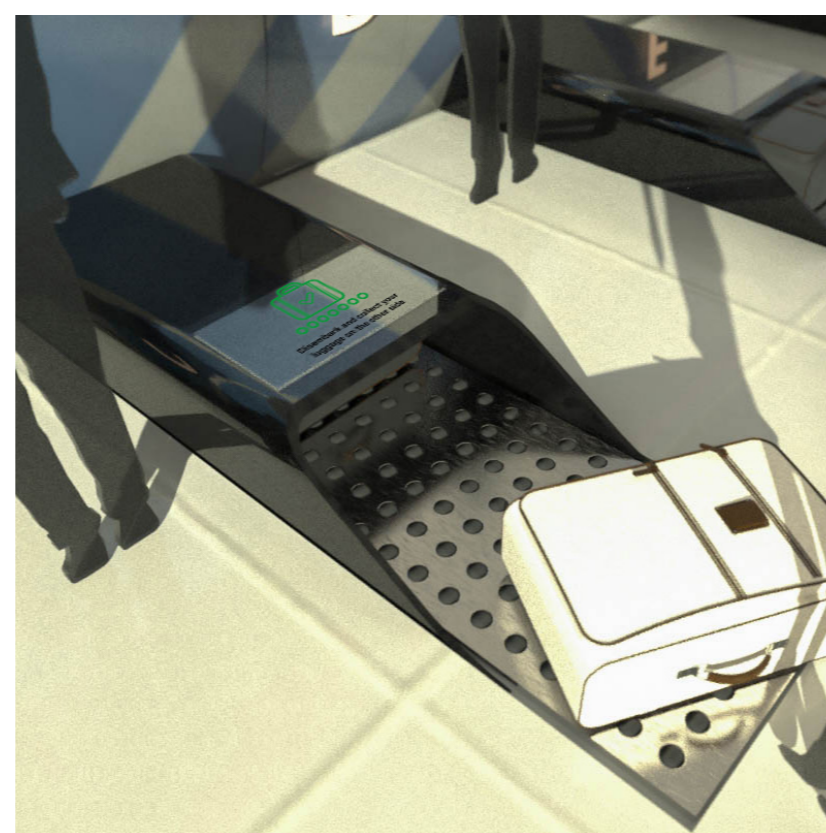


(Dis)embarking Hyperloop

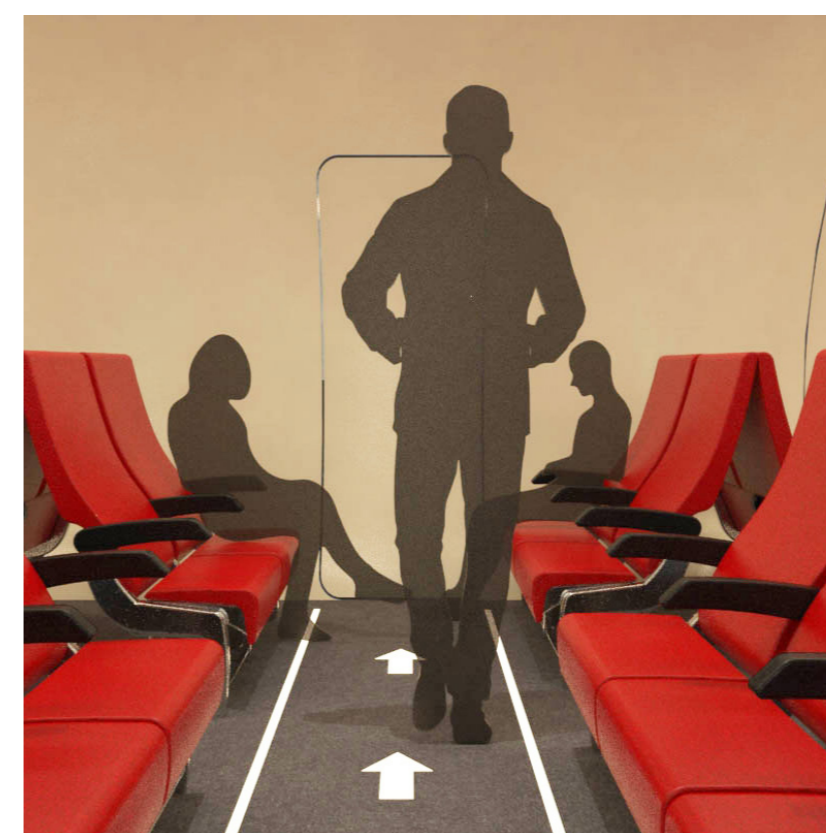
Design of process and infrastructure for passengers



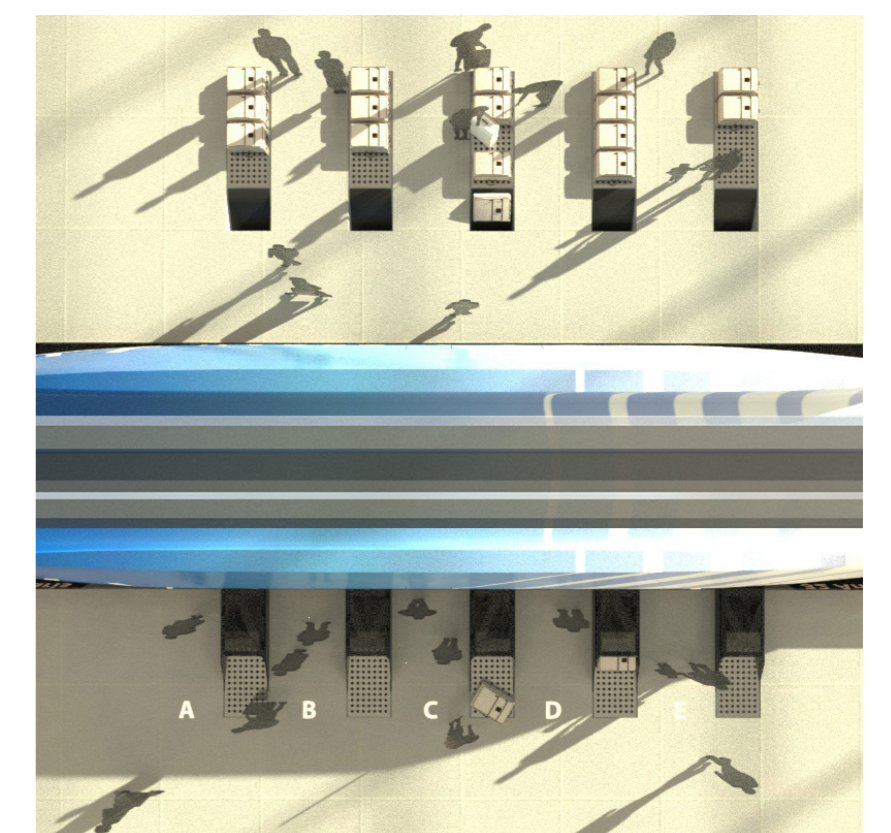
The project follows the method Vision in Product Design (ViP). Literature study on pedestrian flow, interview on crowd behaviours and a field study on (dis)-embarking efficiency contribute to insights on (dis)embarking in the past and current context. An observational study and interviews on passengers' behaviour with their belongings have been carried out in different modes of transportation. Key values for passengers concerning the luggage are discovered. Afterwards, a future vision of global public travel in 2027 is mapped by extensive literature research. Four possible categories of future public travellers are defined as chaser, passionater, criticizer and adapter. The mission of the project is to let criticizers adapt to the unexpected. The final concept divides the passenger compartments from luggage space and influences the (dis)embarking flow by the positioning of doors. Multiple doors on both sides of the vehicle allow passengers to embark and drop the hold luggage on one side and disembark and pick up the luggage on the other side. Comparing to the traditional (dis)embarking process, the design saves 40% of the time for vehicles to stay on the platform and 50% of the (dis)embarking time for each passenger.



Drop hold luggage at one of the entrance during embarking.



Walk into the vehicle and place hand luggage under seats.



Embark from the other side and collect hold luggage on the platform.

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 (Dis)embarking Hyperloop
 August 23 2017
 Integrated Product Design

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