

kevin trapper 4th term cooperation project

Lemmo X





münchen olympiapark



// Emma Schneider

28 years old
employee at an environmental protection company
lives in the suburbs of Munich
lifestyle: nature-oriented, committed to environmental protection
interests: outdoors, family, sustainability
family: married, one child



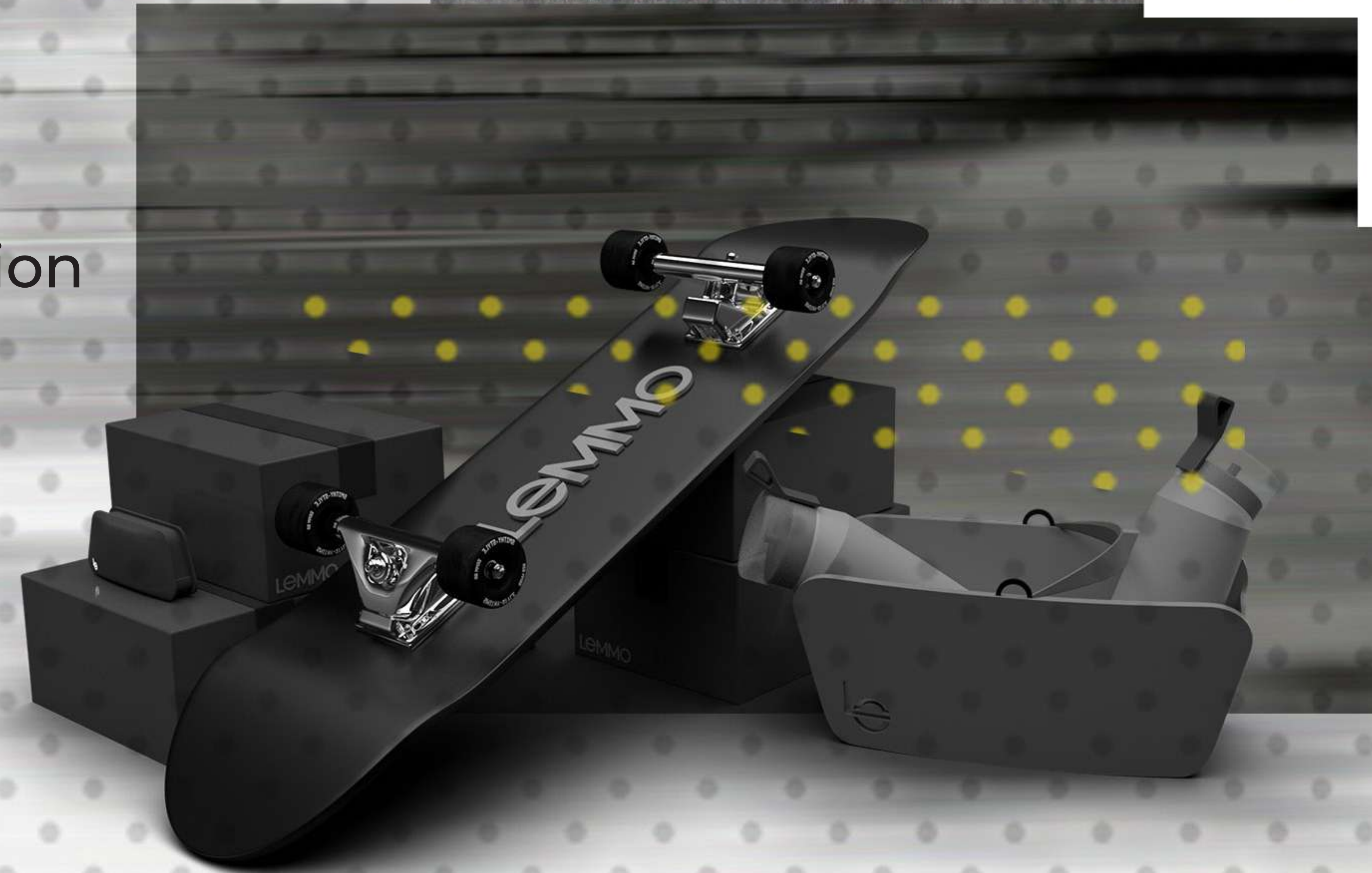


weather protection

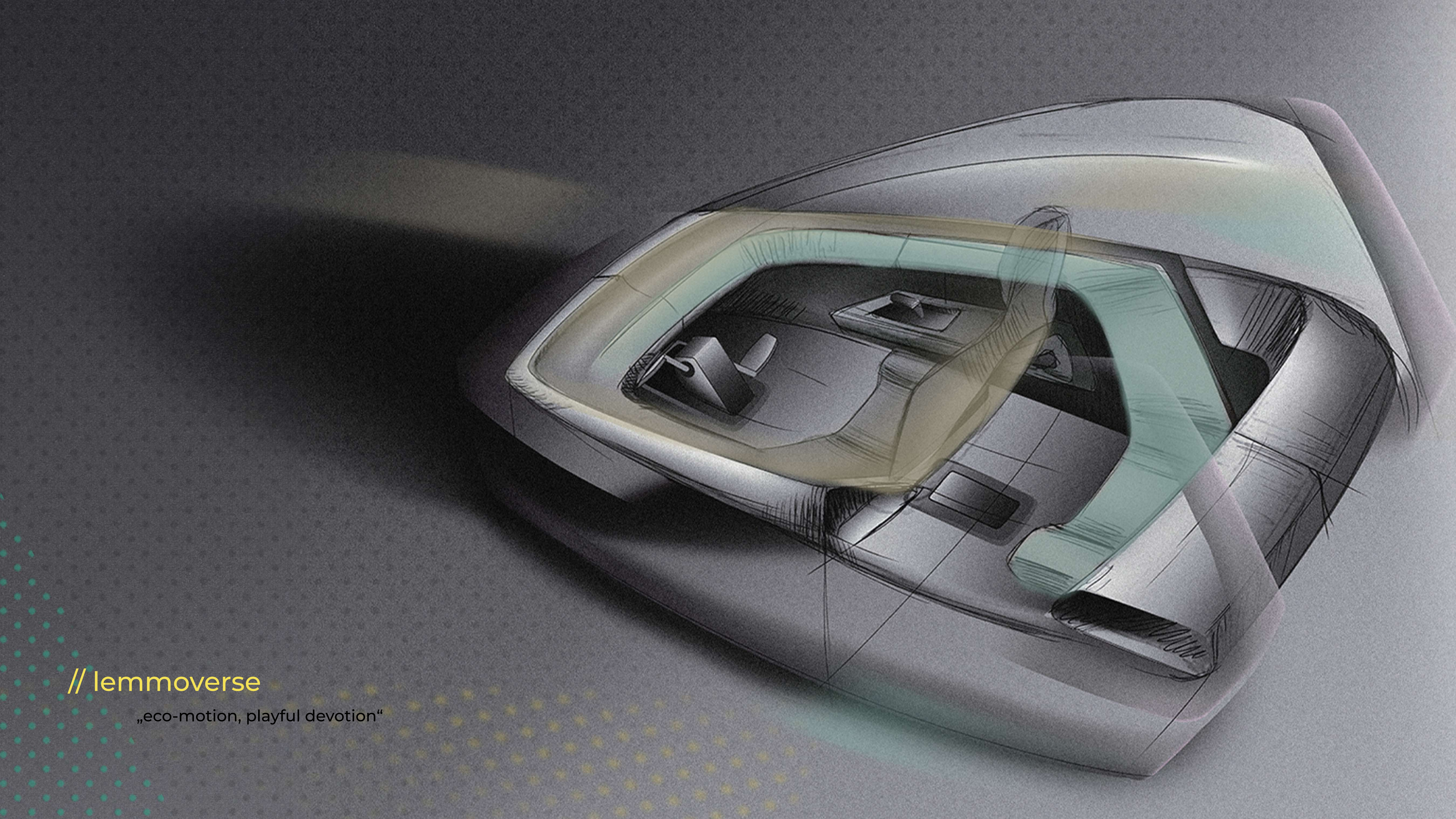
// use cache

While cycling is great in the city, it offers limited storage and poor weather protection. Cyclists also risk not being noticed by other road users, increasing collision risks.

transportation

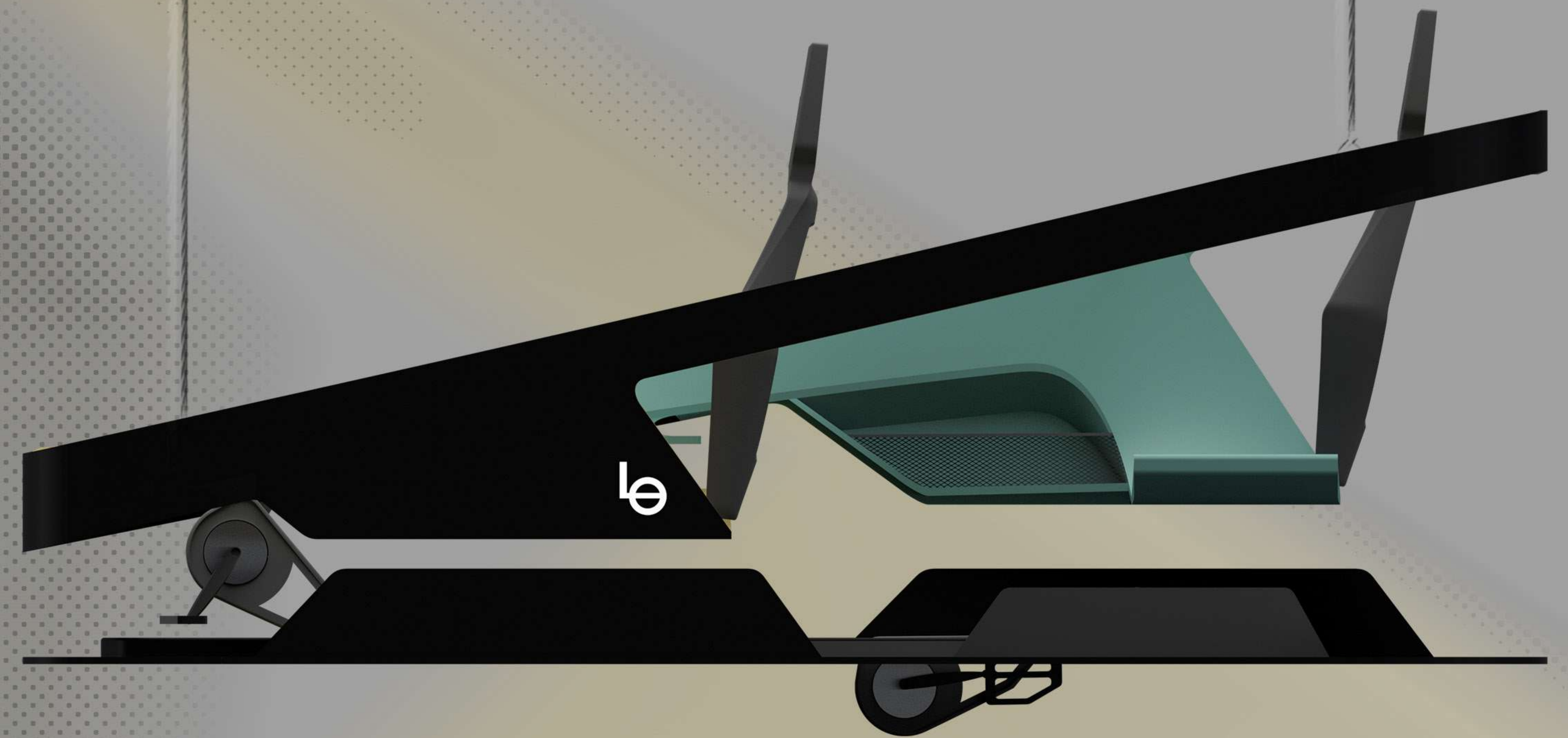
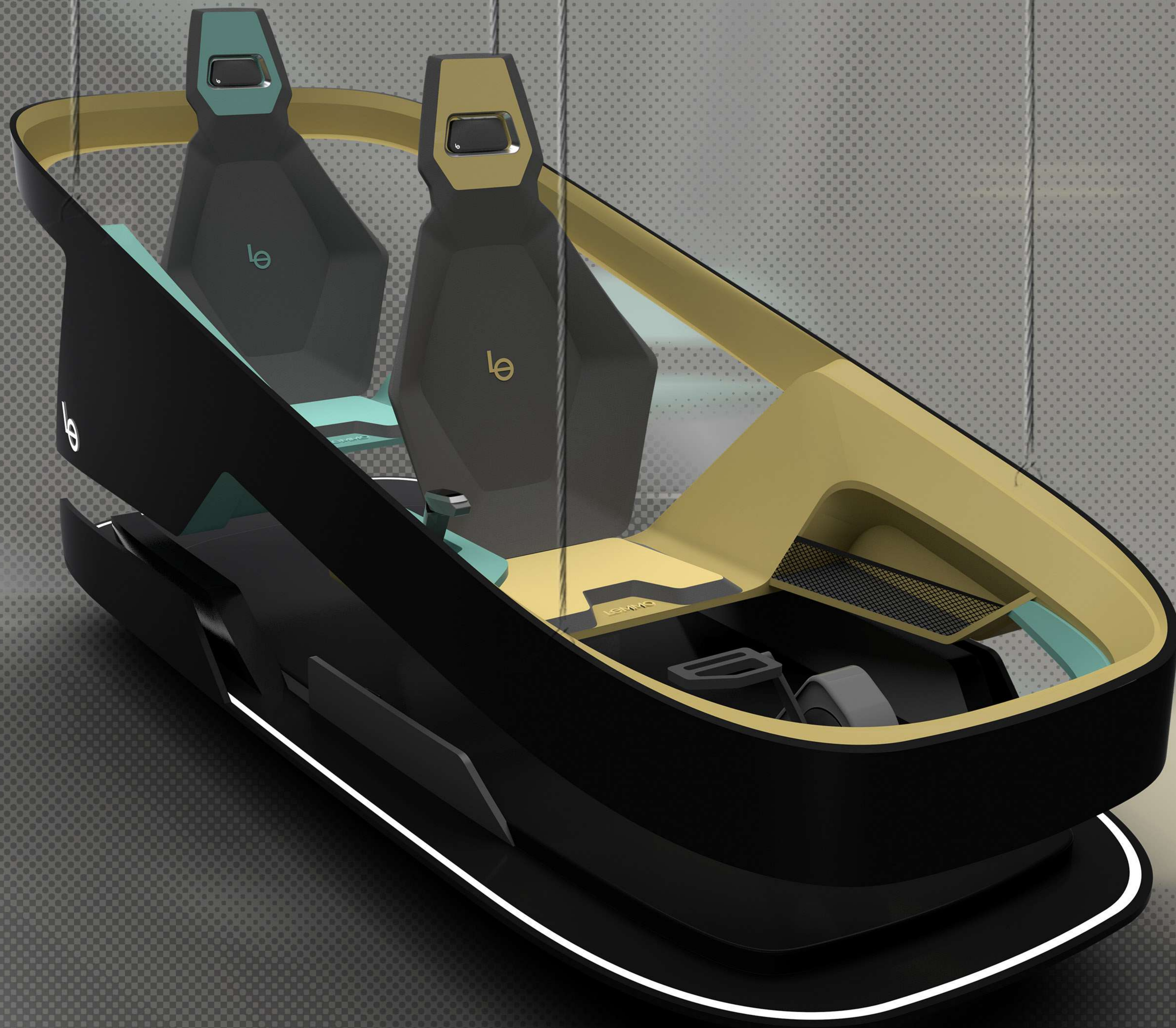


safety



// lemmoverse

„eco-motion, playful devotion“



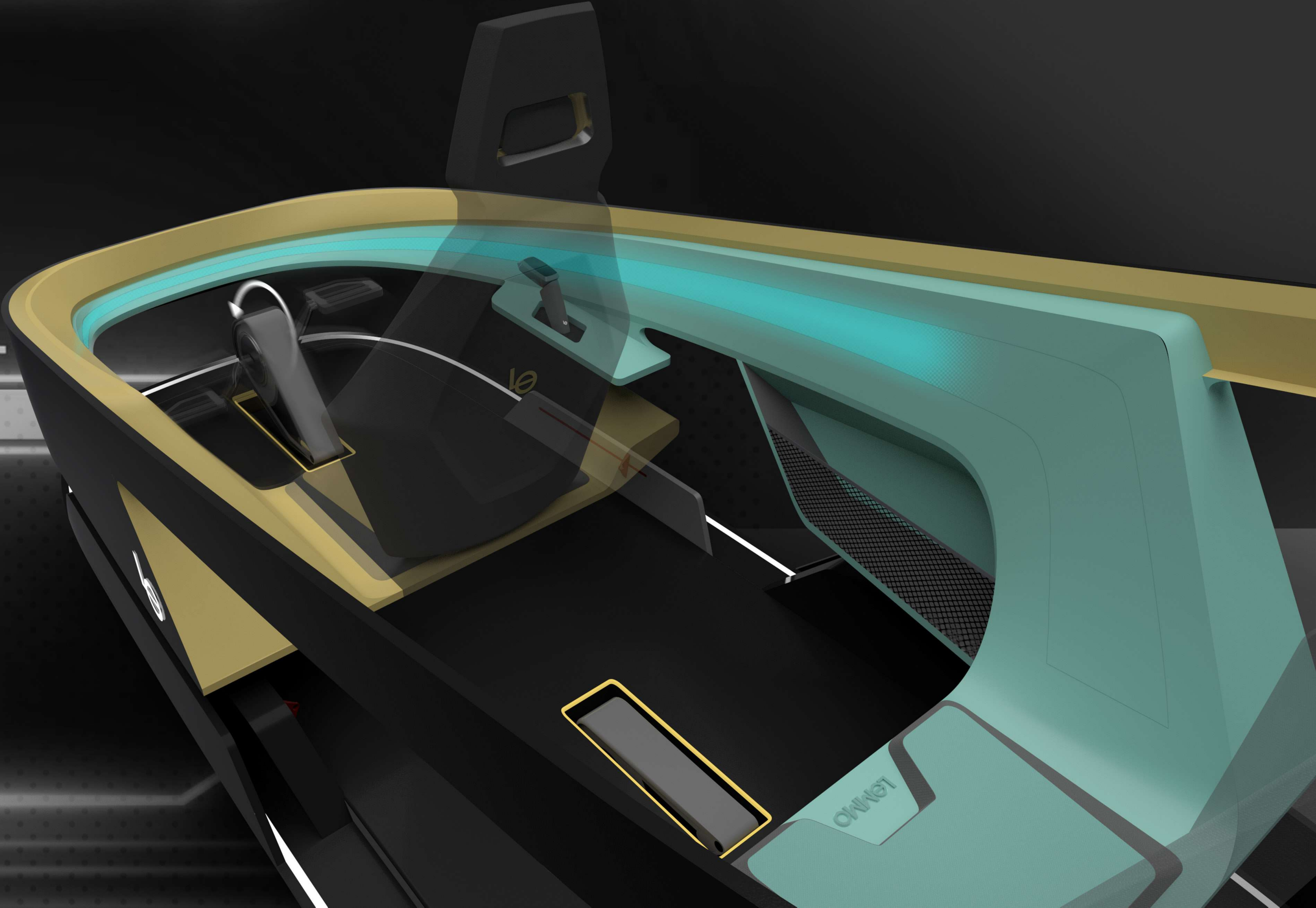
// overview

The rough interior of the Lemmo X features two intertwining bands that form the seat shells at their ends. Additionally, there is the option to integrate a smart speaker into the headrest.

LOADING

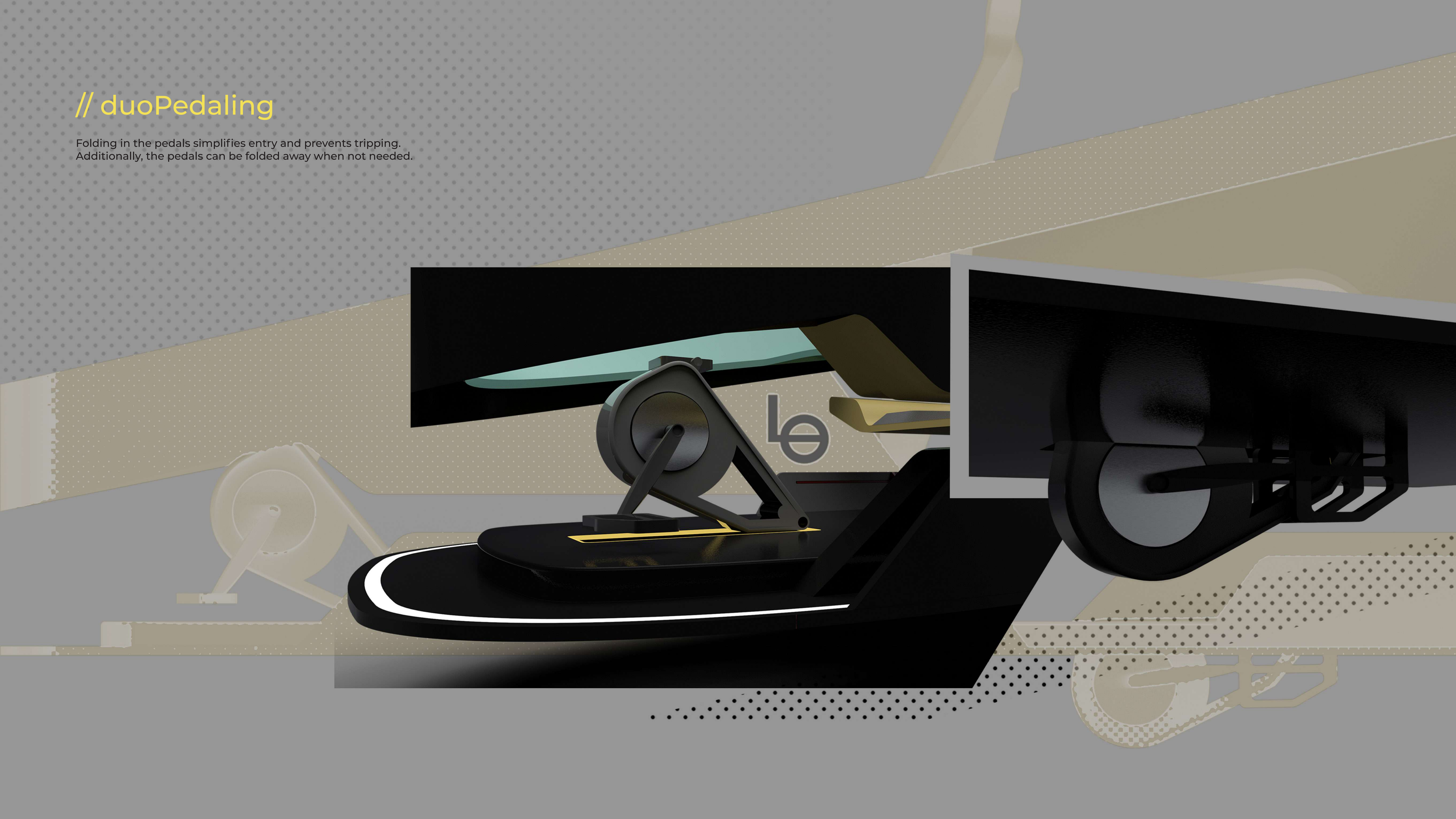


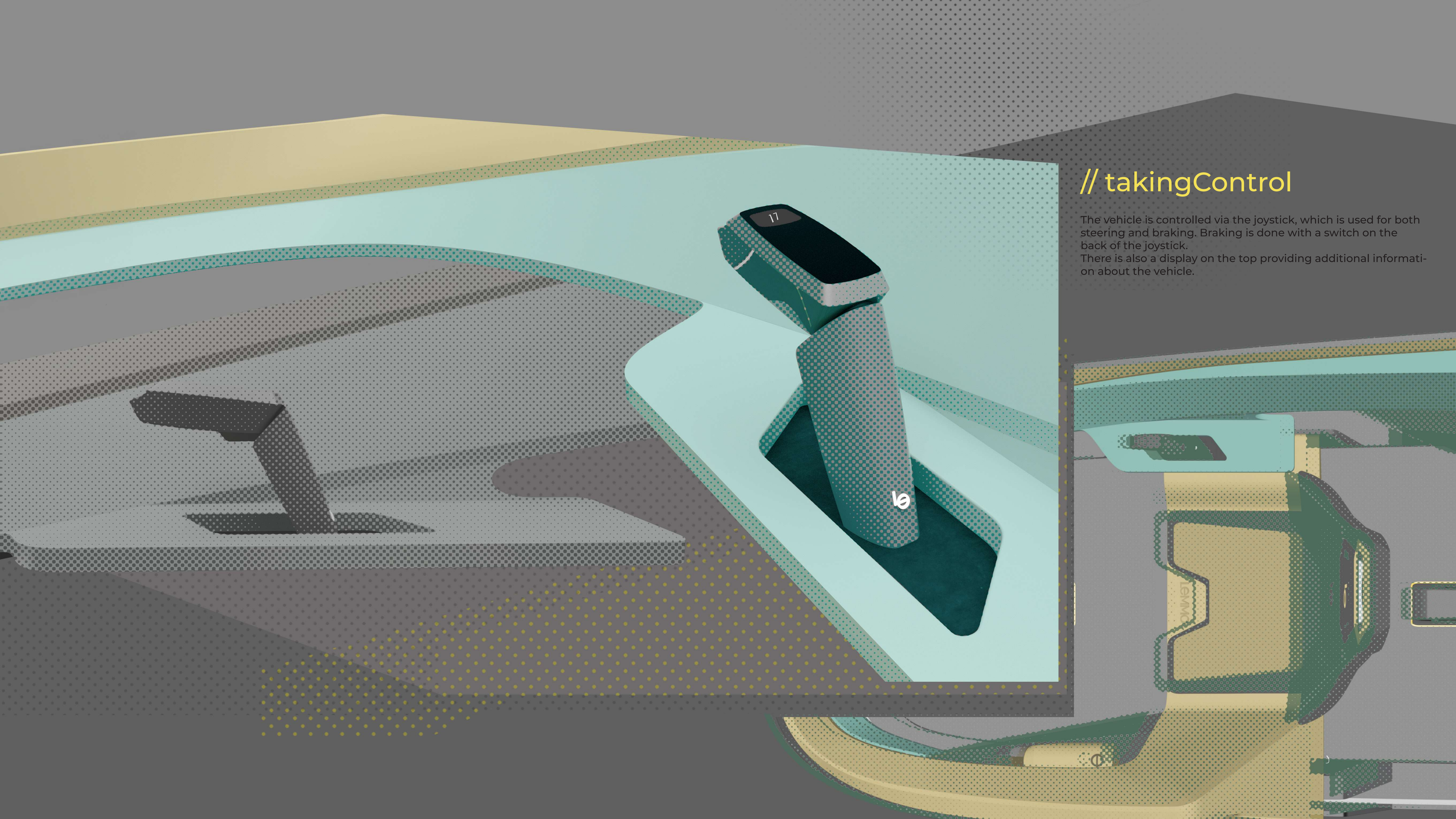
While riding, the battery level is displayed in the frame.
At traffic lights, you can charge the battery by pedaling in idle
mode, with an animation showing the level change.



// duoPedaling

Folding in the pedals simplifies entry and prevents tripping.
Additionally, the pedals can be folded away when not needed.





// takingControl

The vehicle is controlled via the joystick, which is used for both steering and braking. Braking is done with a switch on the back of the joystick. There is also a display on the top providing additional information about the vehicle.

// comfortableSeating

The seats are suspended and form the respective backrests.
You sit on a small cushion attached to the frame.
The SmartBox can be removed from the headrest.

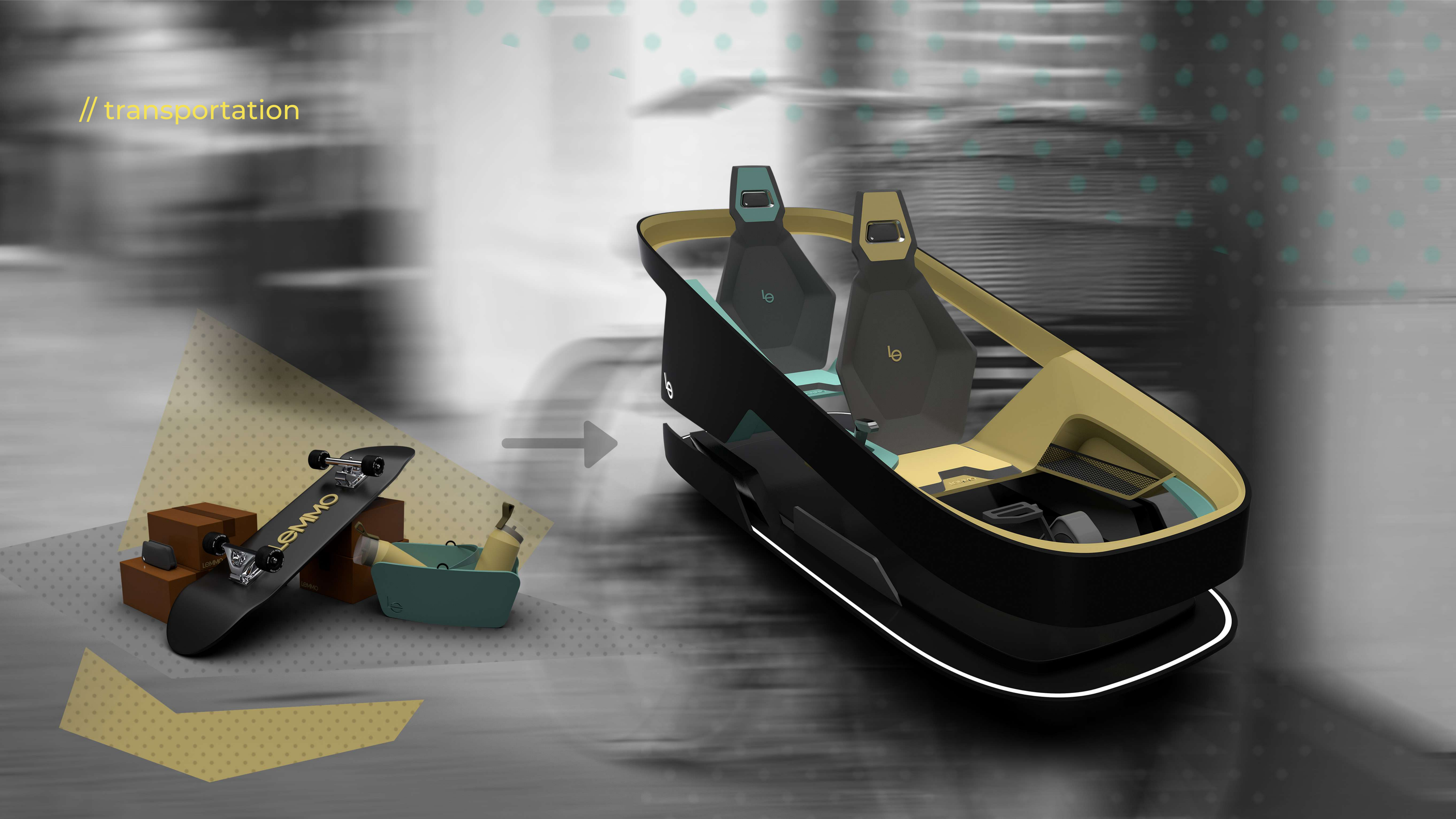


// smartBox

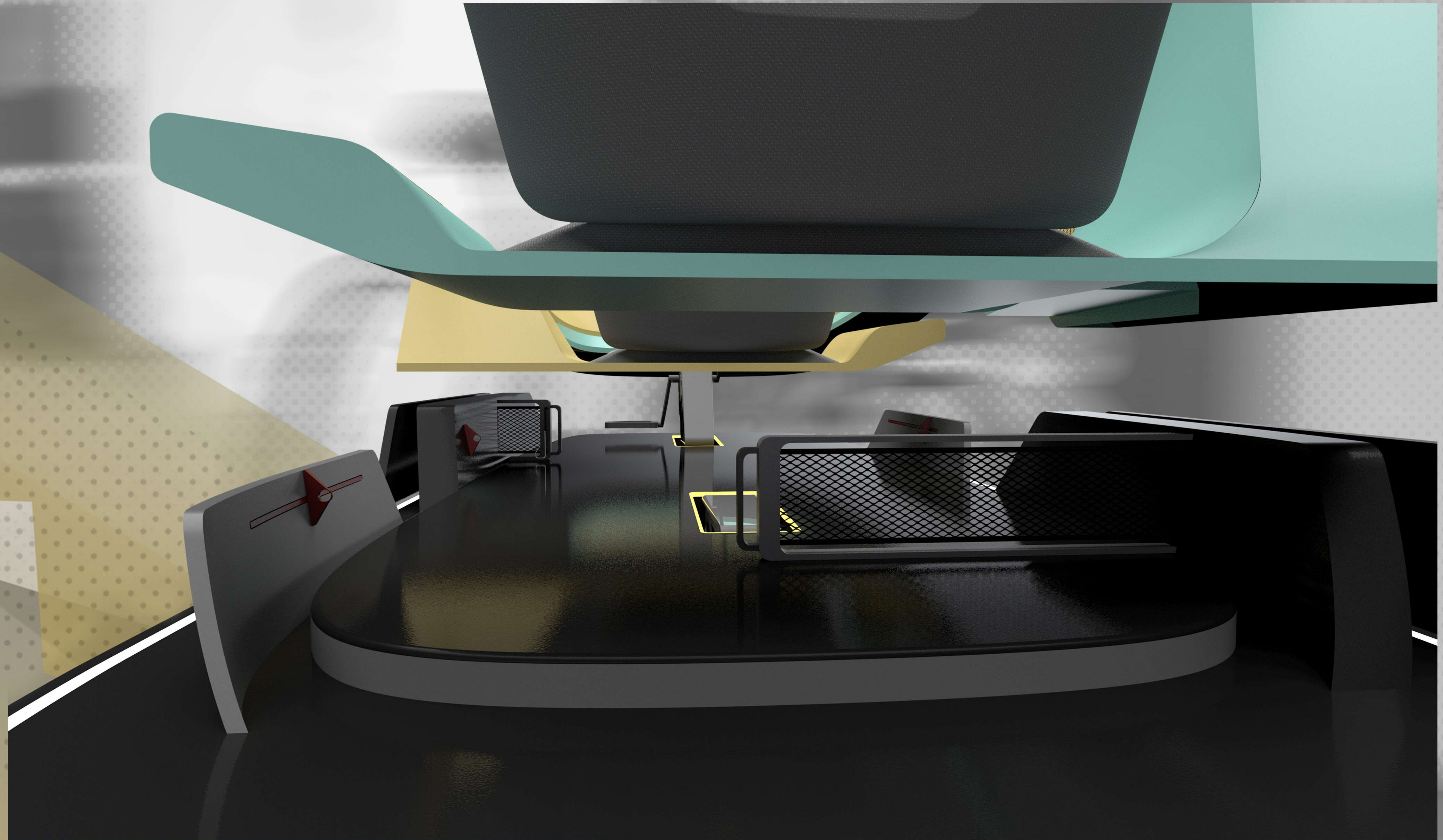
The SmartBox can be integrated into the interior and built into the headrest to serve as music box.



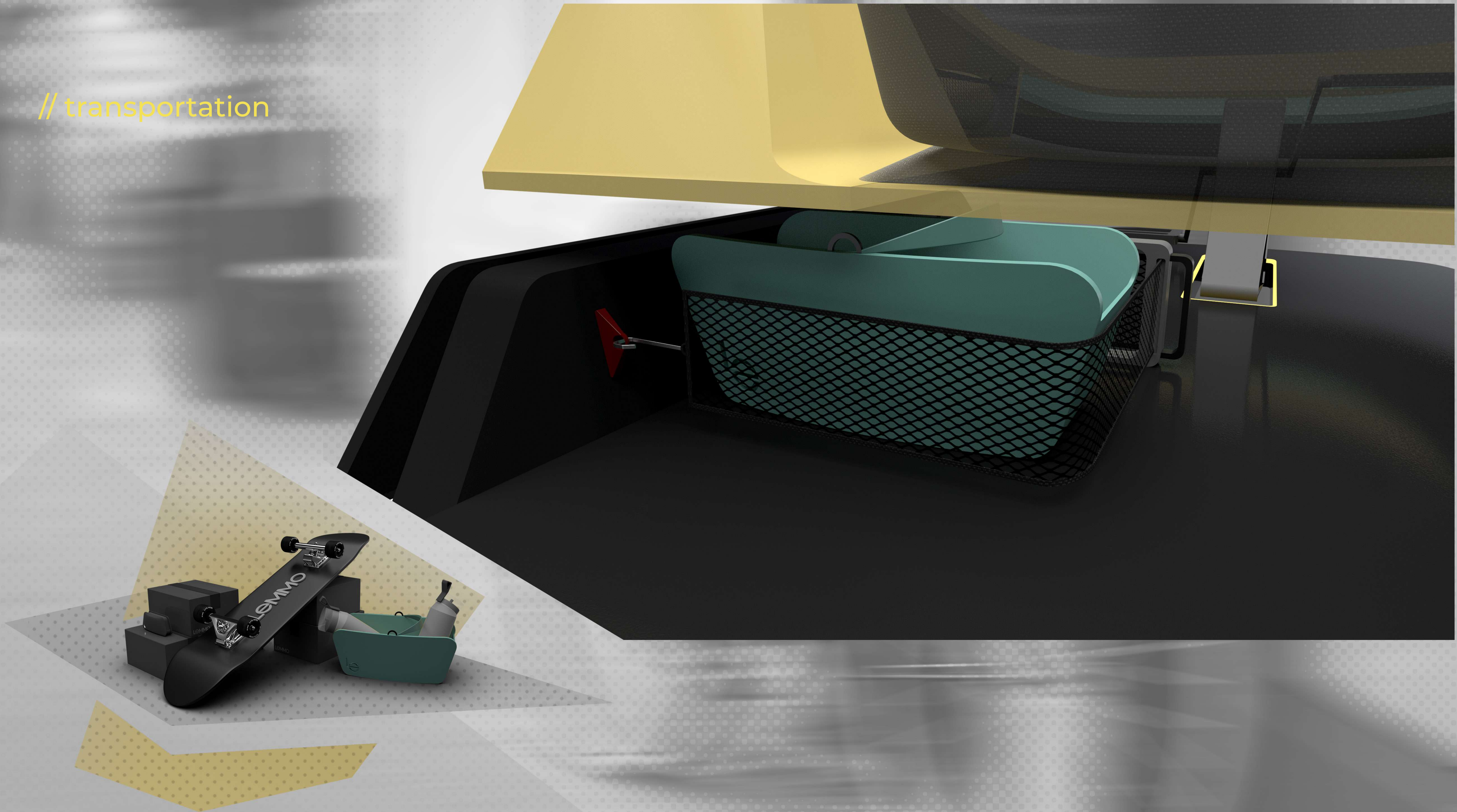
// transportation



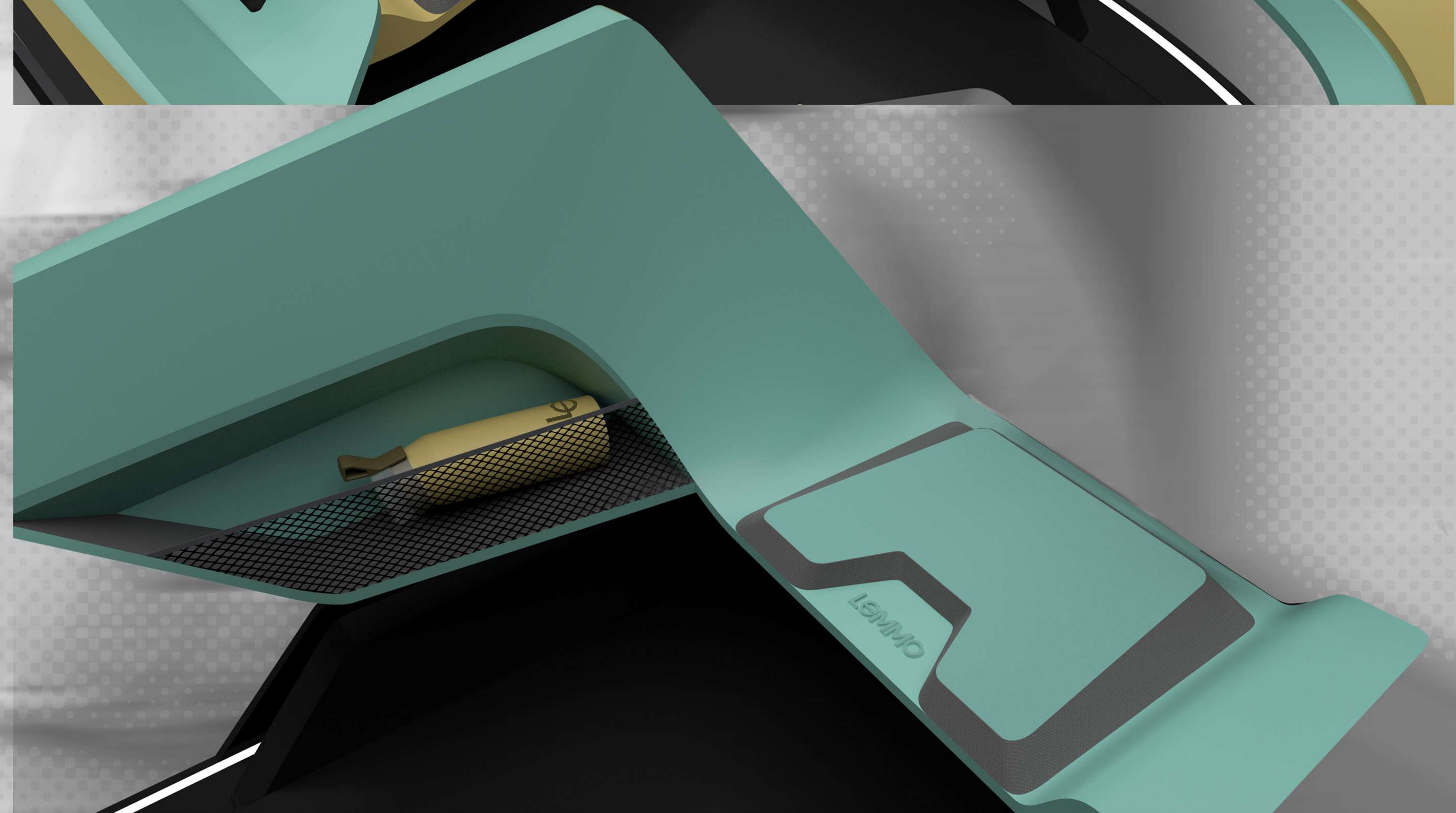
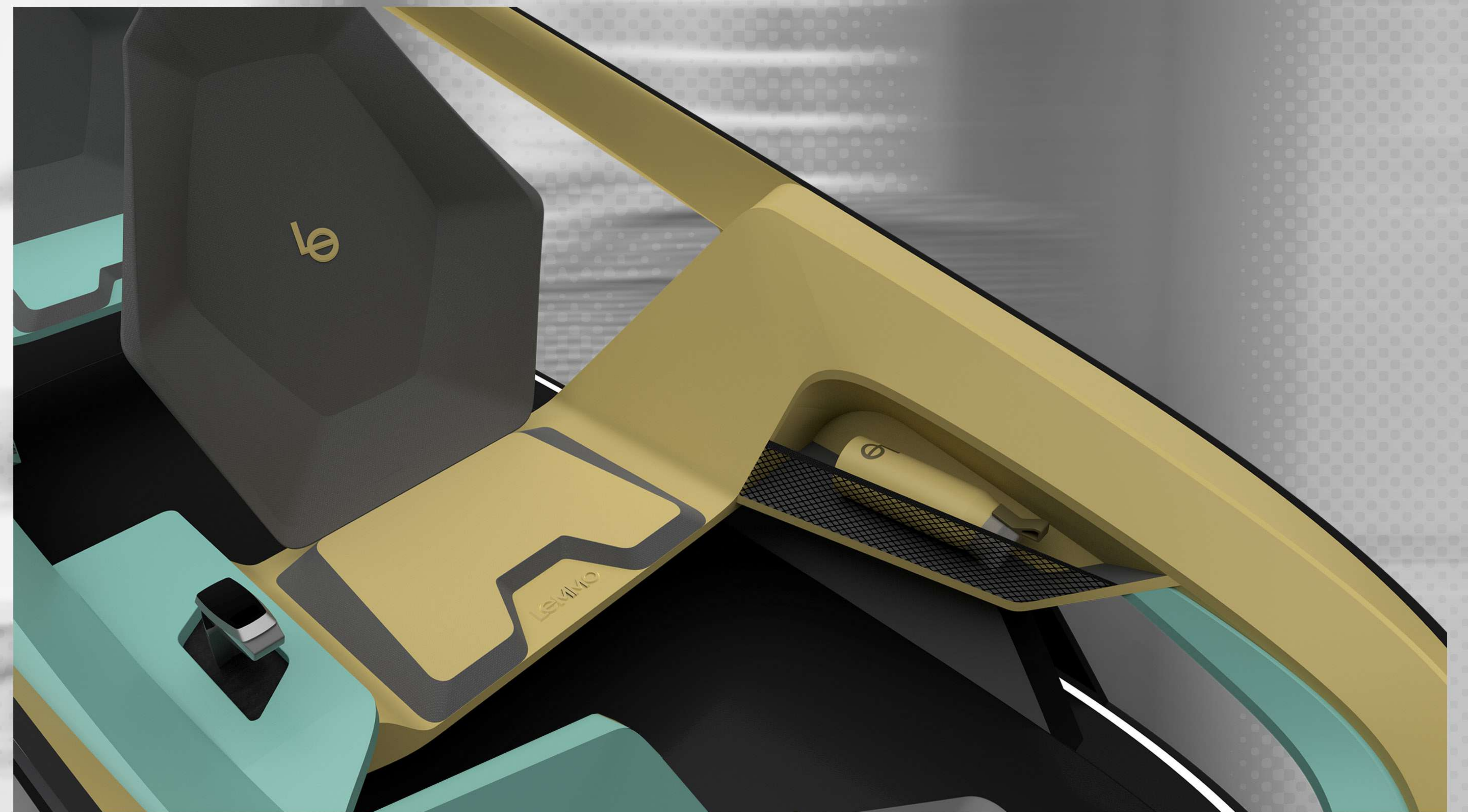
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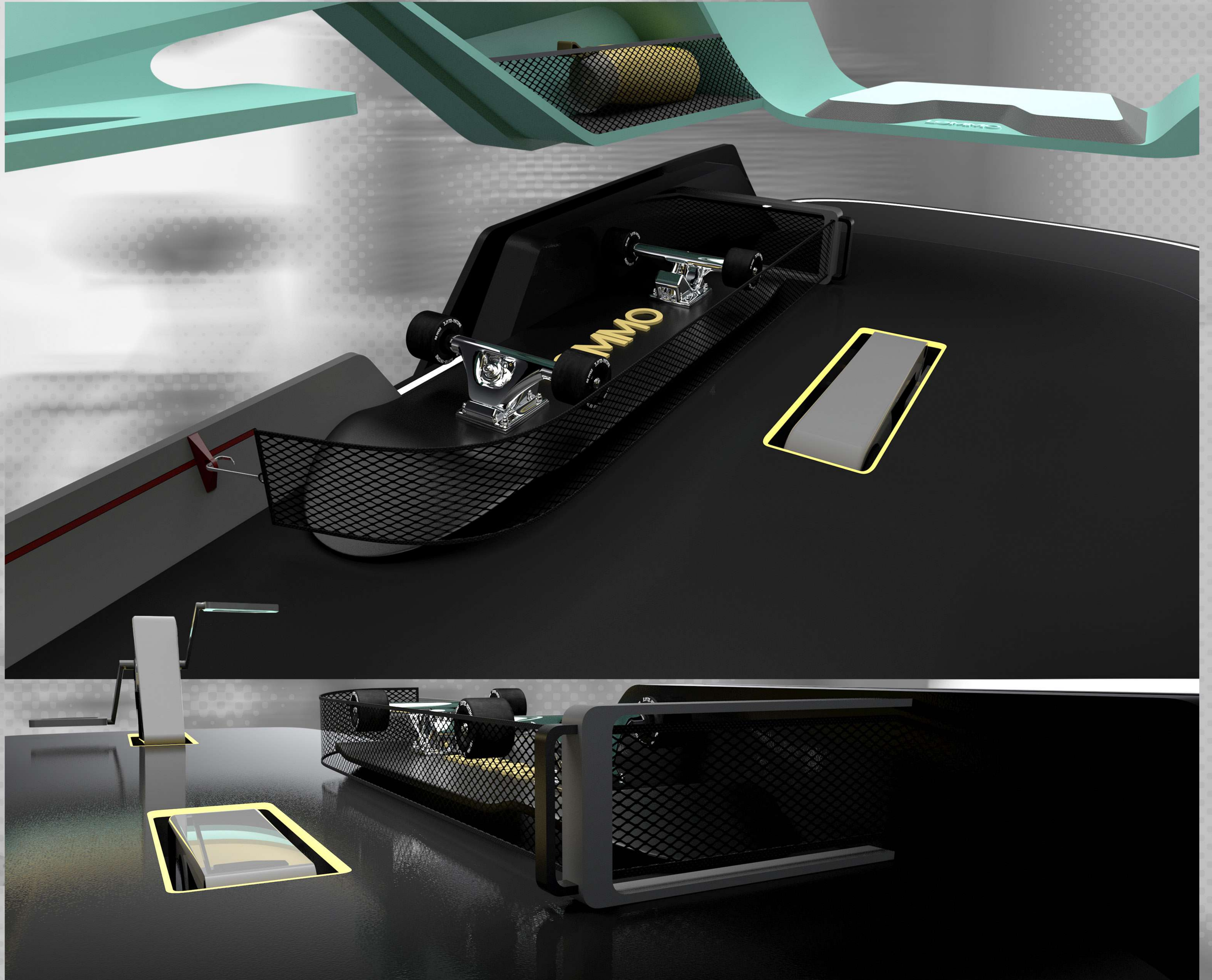
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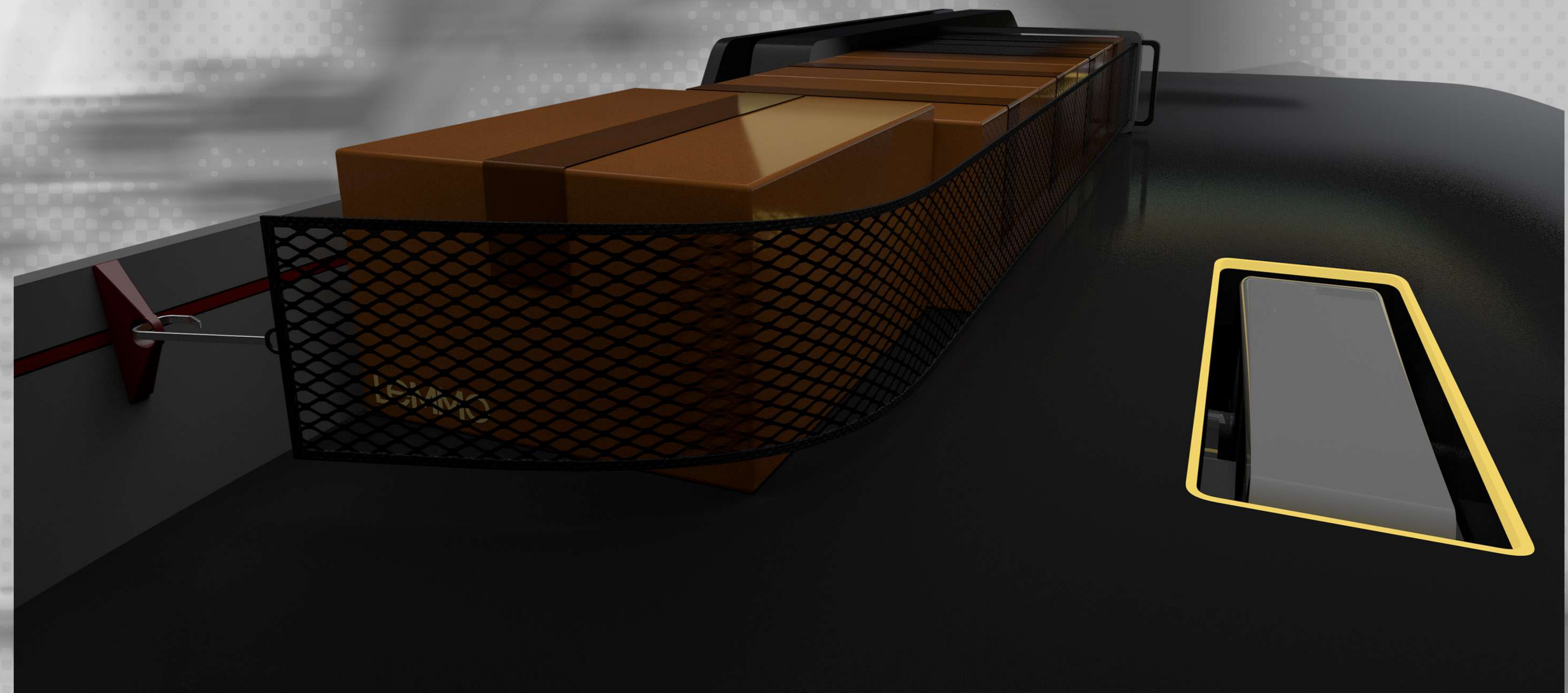
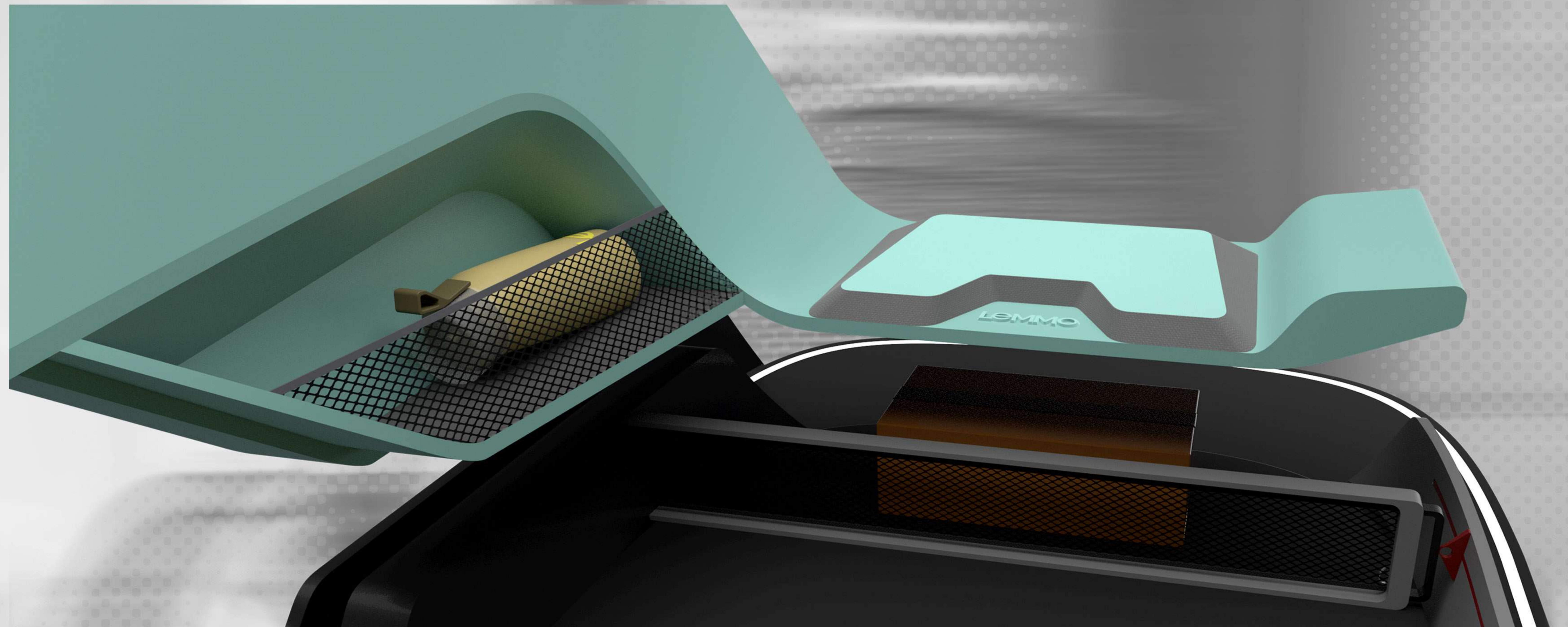
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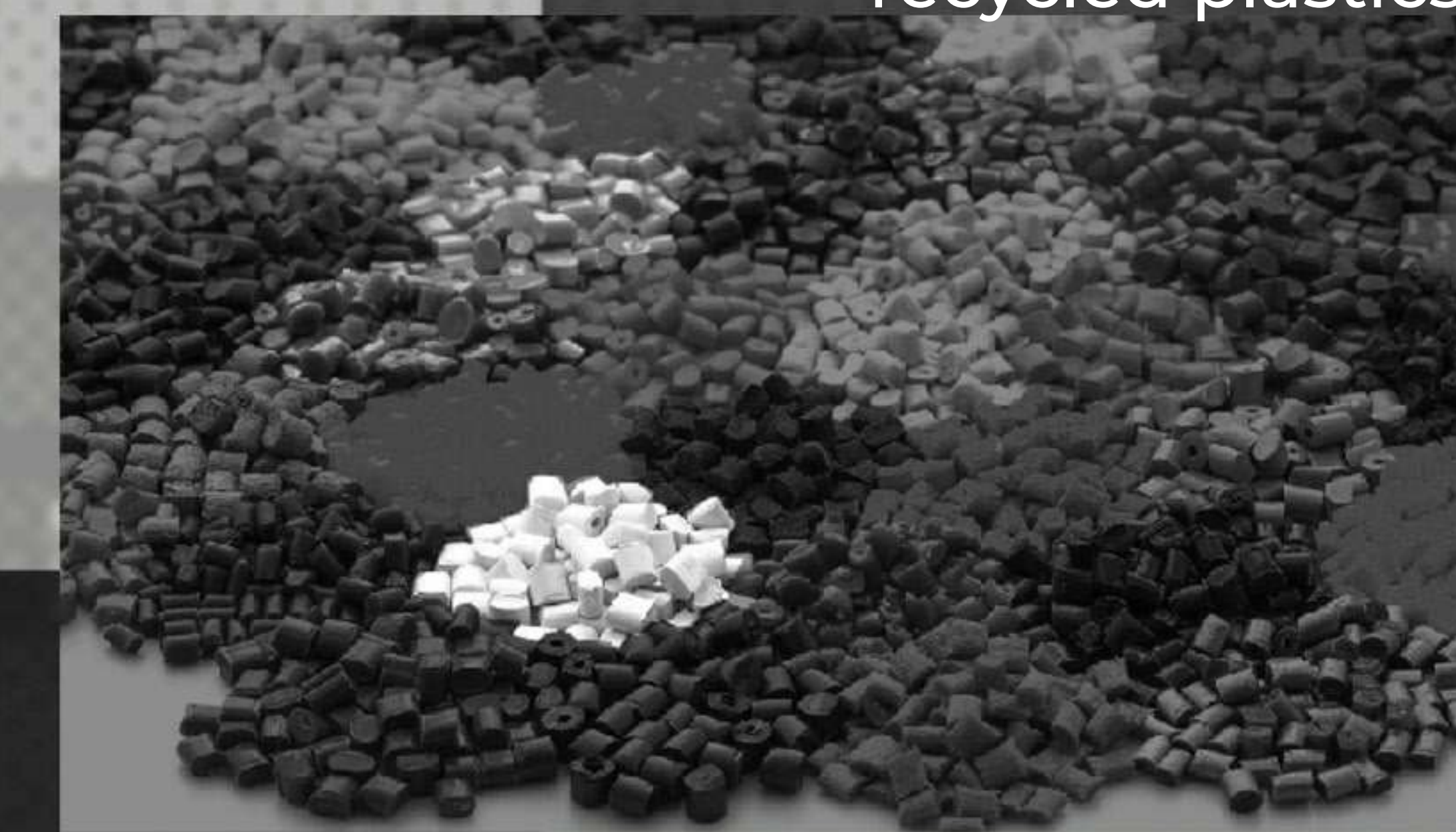


// transportation



// transportation





recycled plastics



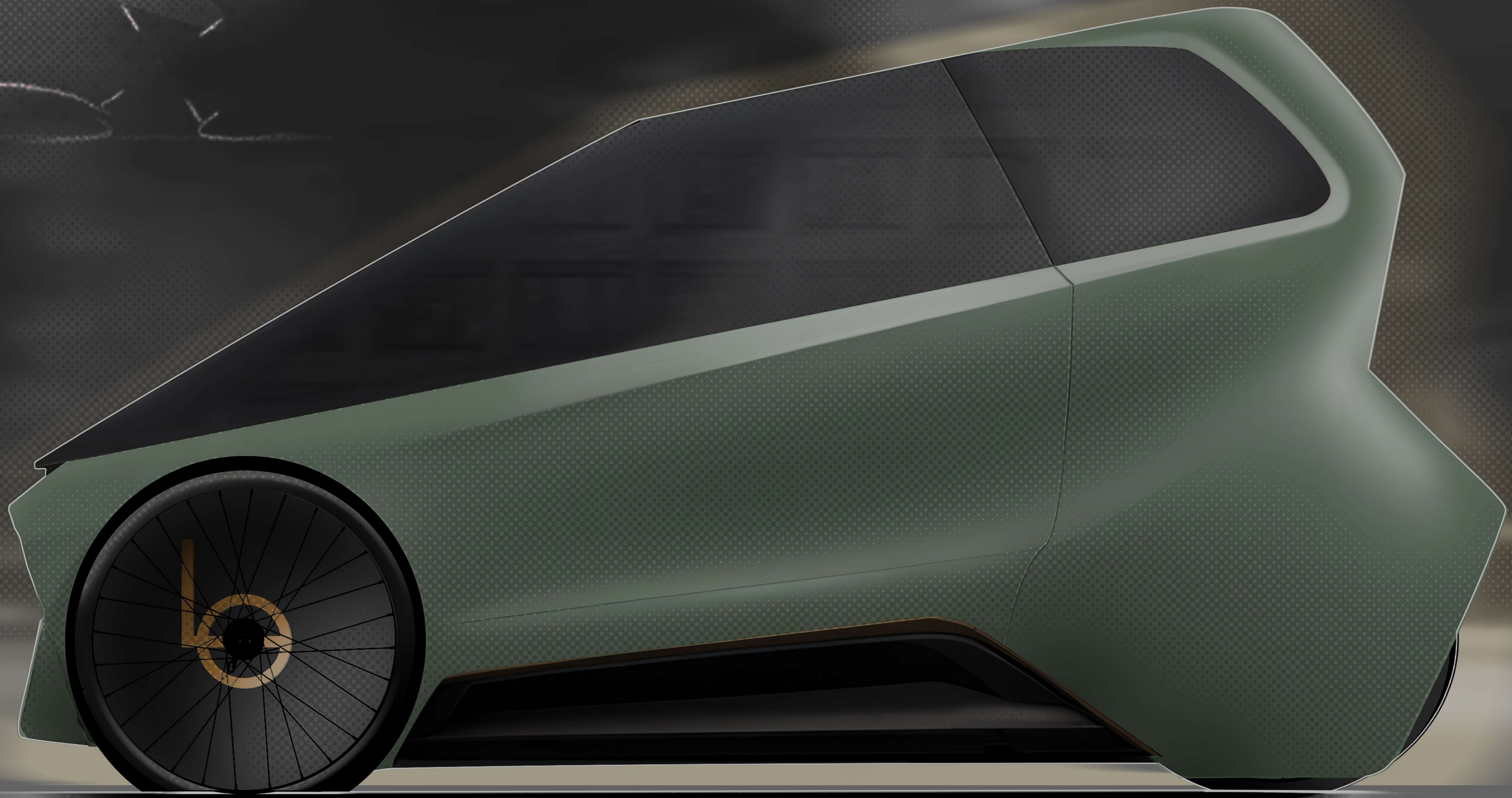
hemp fibers, cotton



aluminium

// material concept

// lemmo X



// wheaterprotection

sun & heat



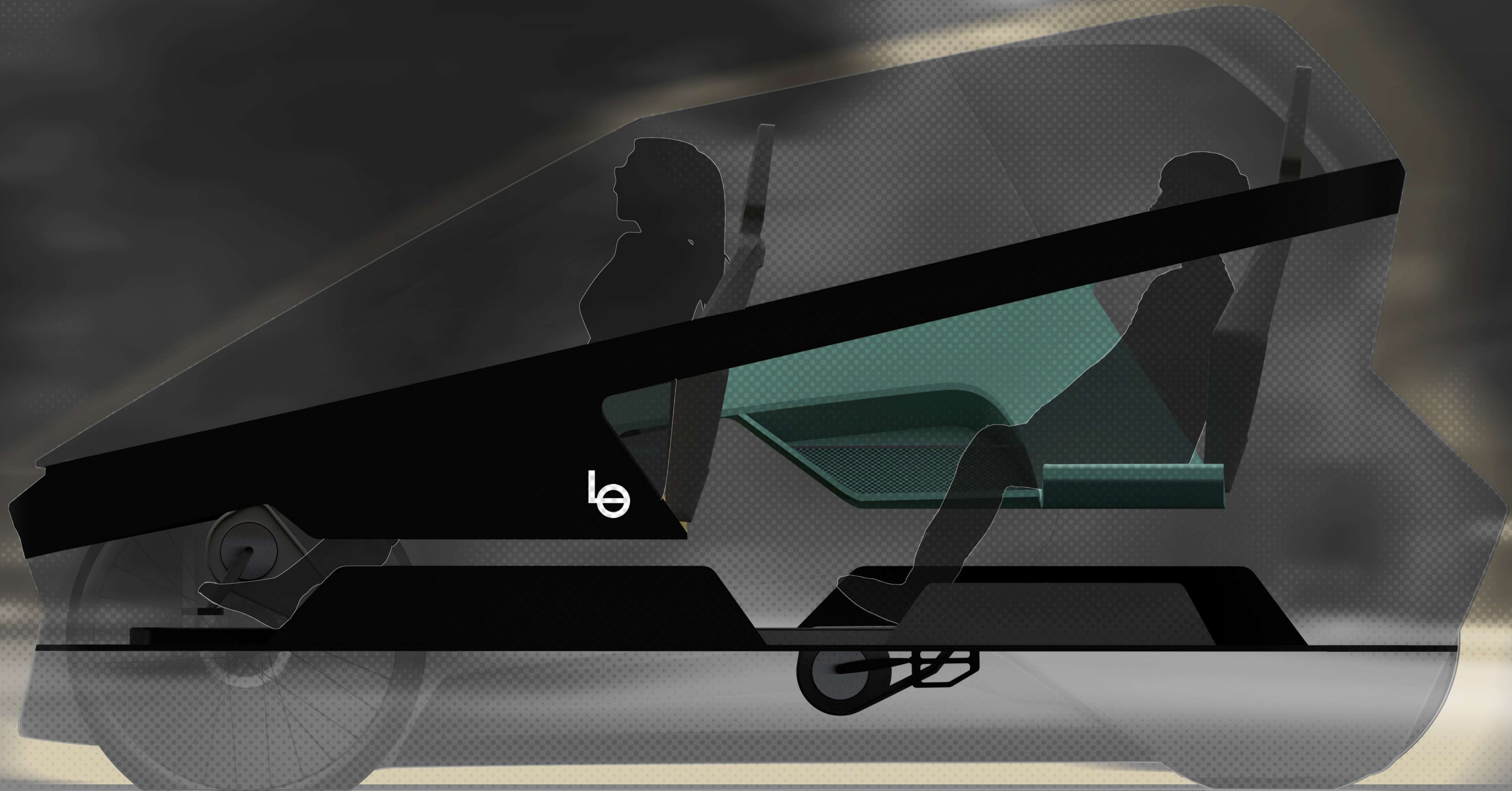
// wheaterprotection

rain & cold



// package

size interior: 2400 1000 1200



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