

## *Major task*

“

*Grönatåget should work as a bank of ideas for  
the Swedish rail industry in the future*

”

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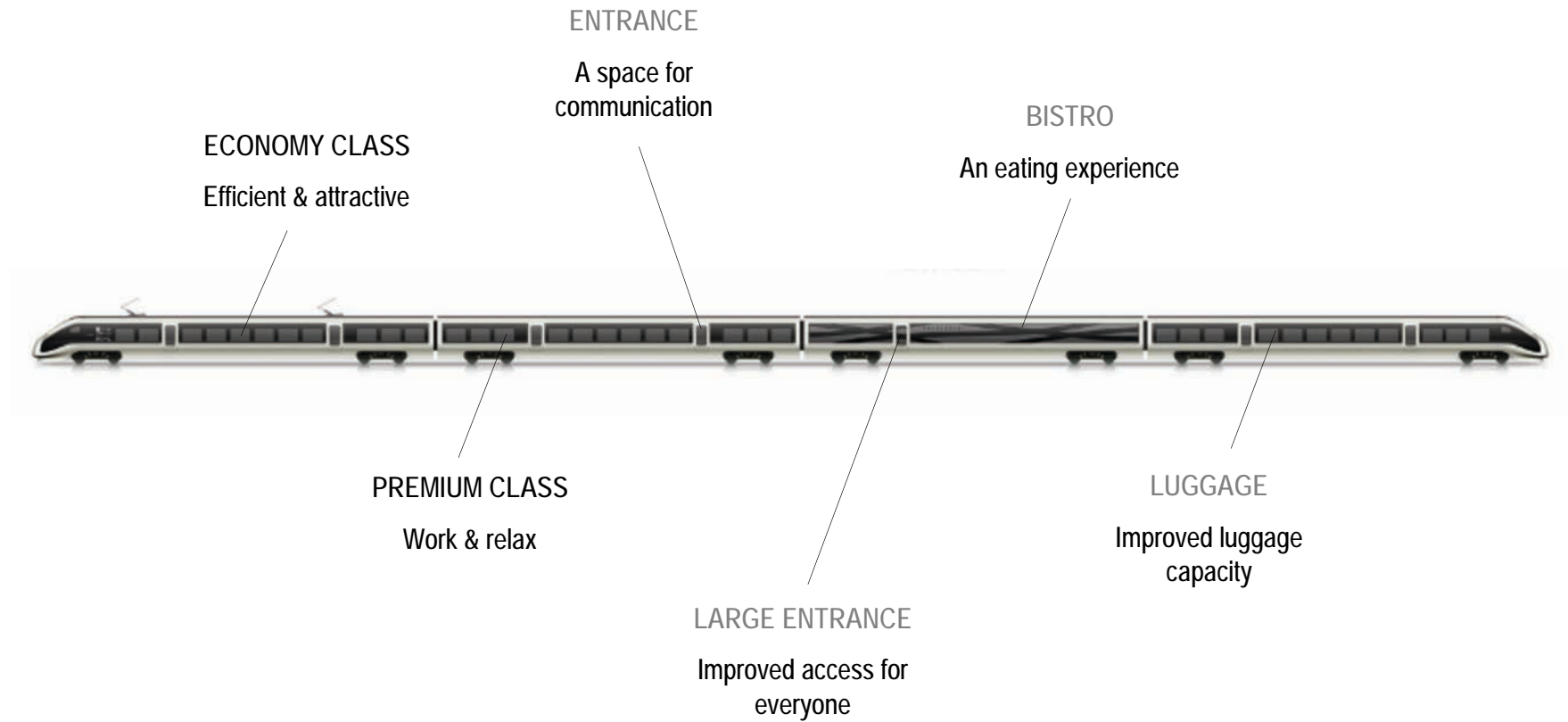
# *Research*



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# Project Focus



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# Quality Time

One of the most unique benefits with trains are the possibility use the time in different onboard for additional activities. We wanted to develop this possibilities in our train design.



Relax

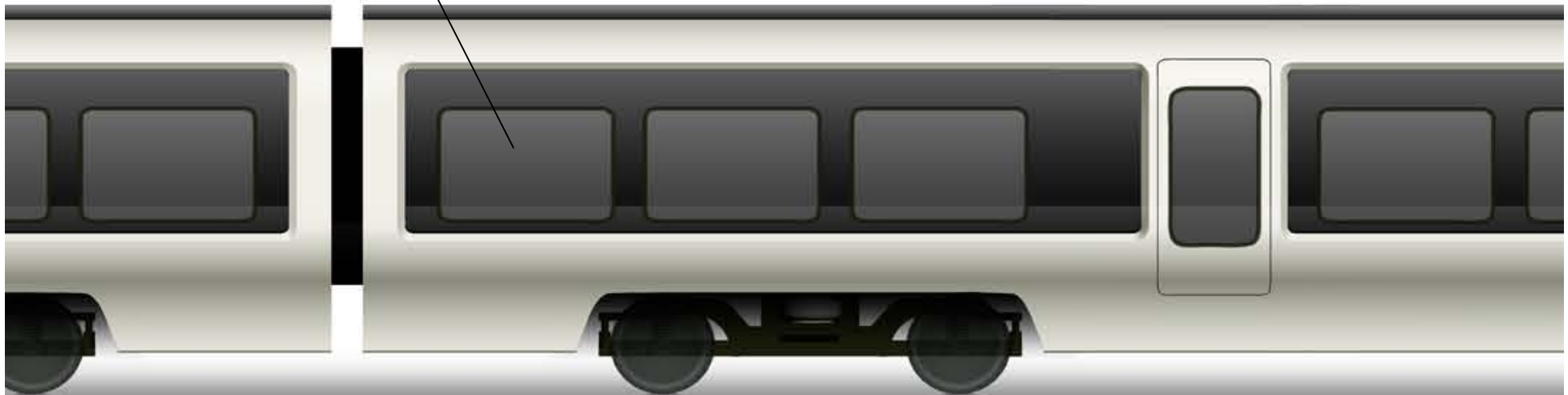


Work



Socialize

*Economy Class*



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## *Economy Class*

“

*In the economy class we have worked a lot with the seat as we consider it the most important part of the passenger area.*

*We we worked a lot on pushing the design away from traditional vehicle aesthetics more towards Scandinavian furniture design.*

*We have also brought a few selected innovations to the seat to see how the could look as a real product.*

”

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## *Economy Class*

**Train chairs  
of today**



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## *Economy Class*

**Scandinavian  
furniture  
inspiration**



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*Economy Class*



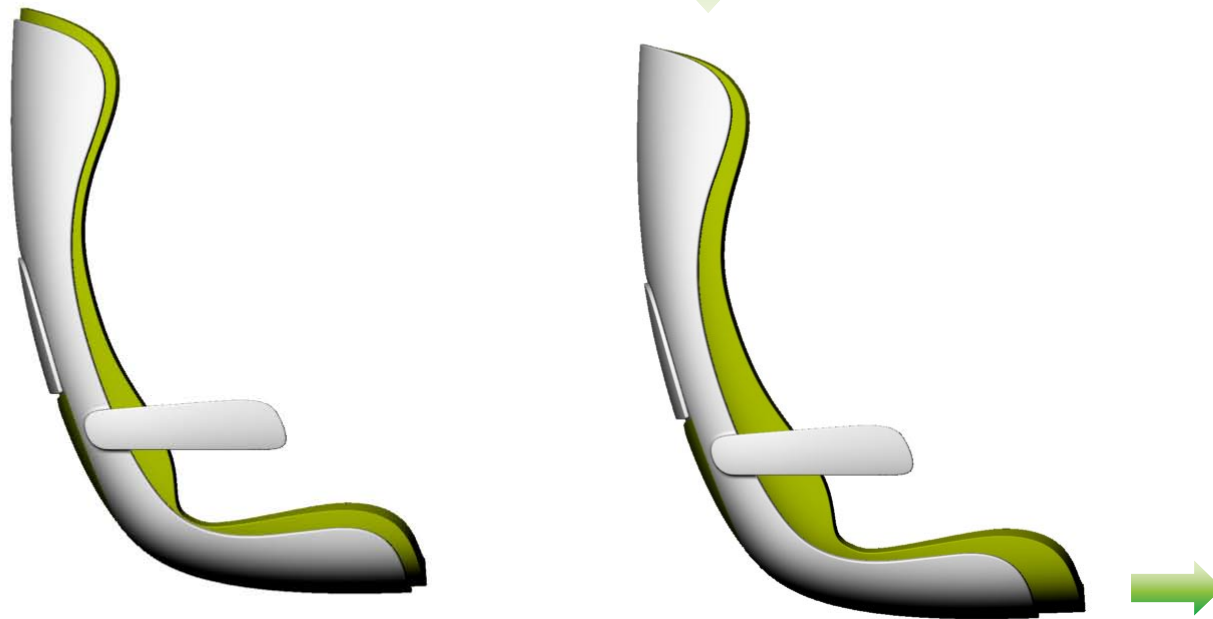
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## *Economy class*

### **Comfort and space efficiency**

A thin shell-like backrest

Integrated declining back rest - Doesn't disturb the passenger behind



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## *Economy class*

### **Easy accessed personal luggage**

Space for luggage under the seats

Foot step makes it easy to reach the shelves



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*Economy class*



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*Economy class*

15:36 Grönatåget

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## *Economy Class*

Luggage compartment design

A warmer and lighter expression in economy class



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# *Economy Class*

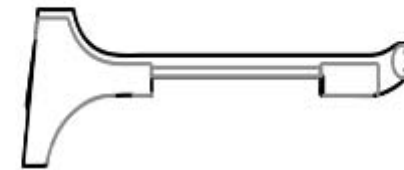
Luggage compartment design



Improved grip

Noise reducing material

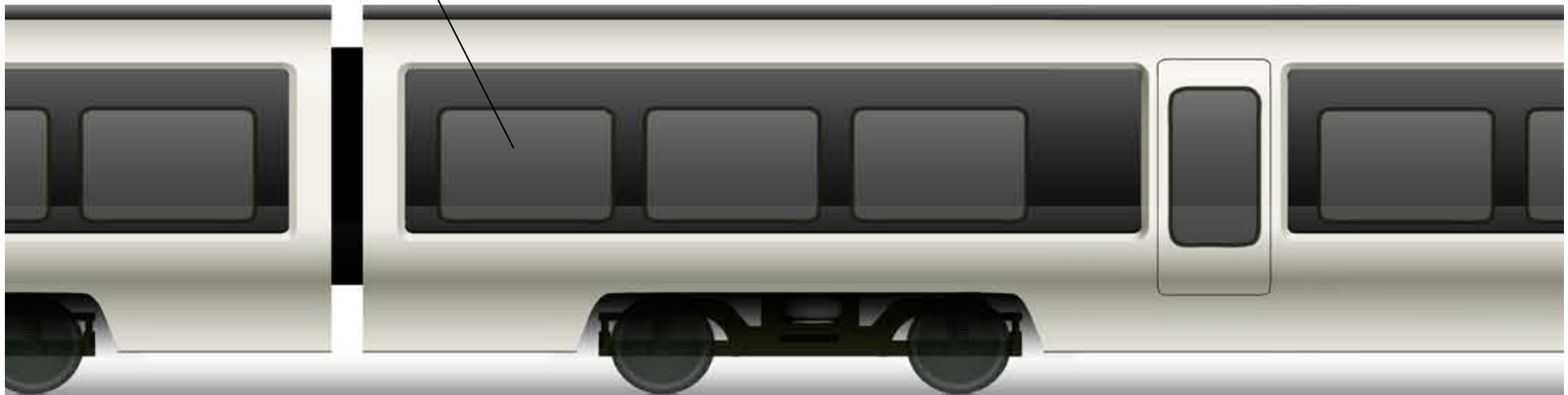
Transparency to luggage



650 – 750 mm

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*Premium Class*



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## *Premium Class*

*70% of the passengers falls asleep within 15 minutes -  
The rest is having a conversation*



Examples of how people try to make it comfortable when the seats doesn't give support enough

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## *Premium Class*

*"I use the time on board to prepare my meetings"*



Pictures illustrating the inconvenience of traditionally tables placed on the back of the seats  
(Photo: Kjell Sundqvist)

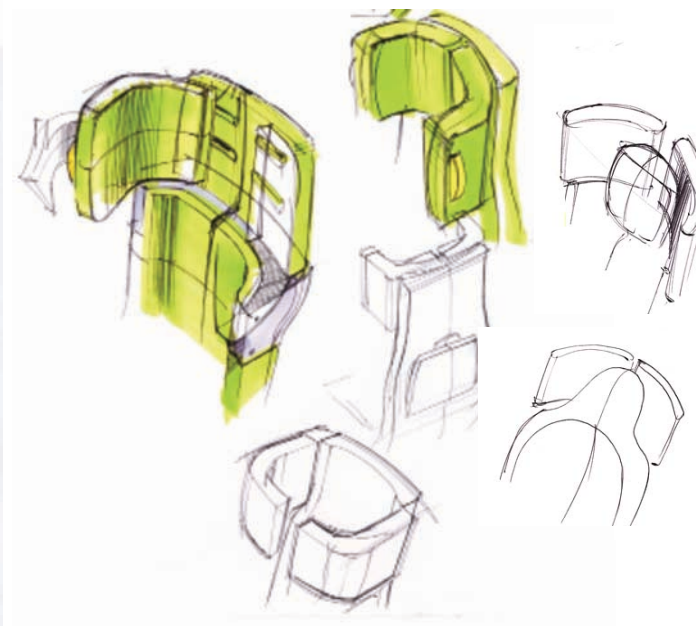
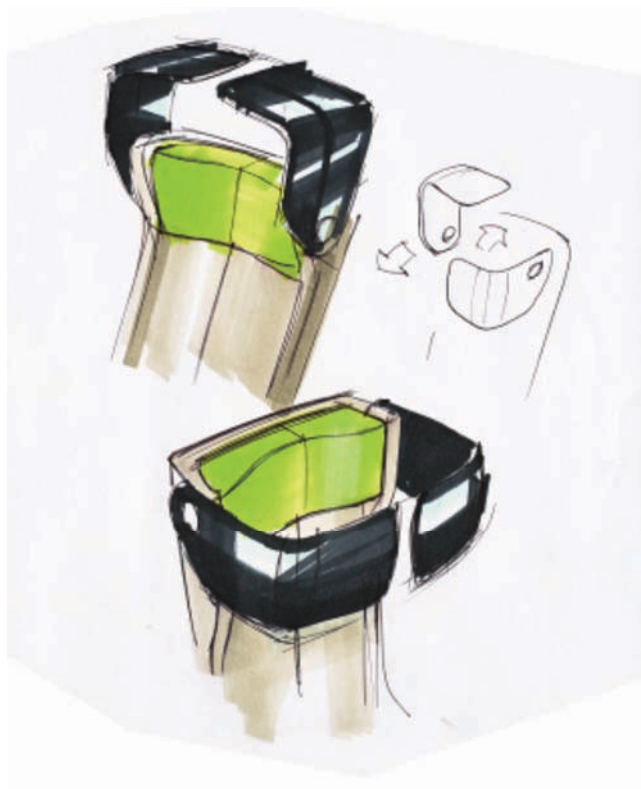
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## *Premium Class*

### **Individual relaxing**

Ideas on head covers and adjustable pillows



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## *Premium Class*

### **Individual relaxing**

Head cover in back of seat

Reduces sound and visual elements

Works both when resting and when sleeping



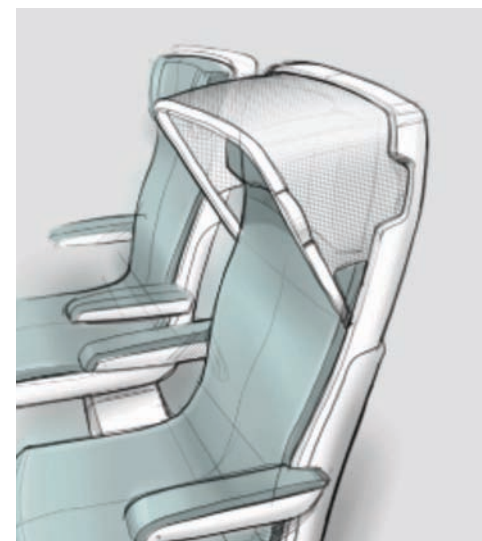
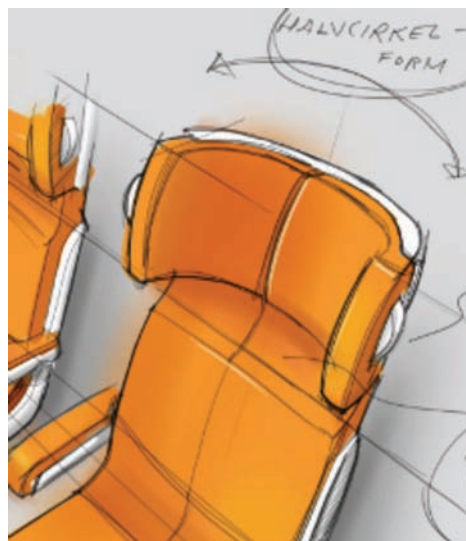
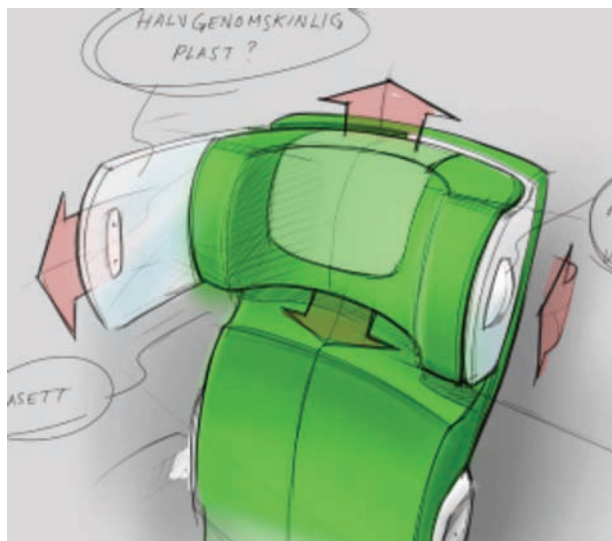
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## Premium Class

### Individual relaxing

Different seat ideas on how to give support for your head sideways and reduce audial and visual noise



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## *Premium Class*

The chair is designed to improve the experience of comfort for passengers and to be space efficient at the same time



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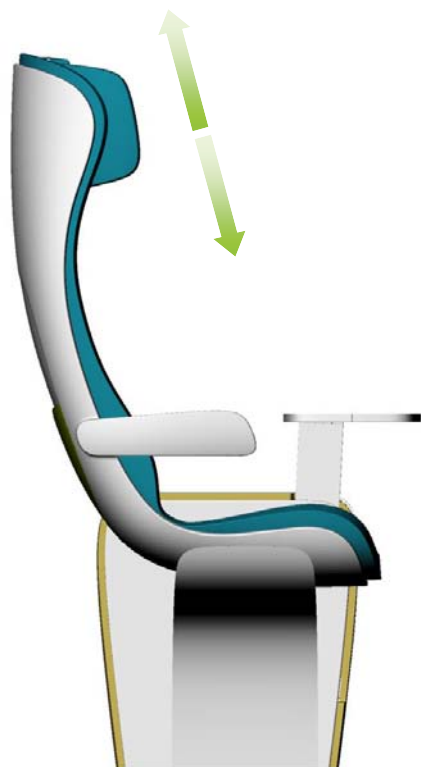
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## *Premium Class*

### **Adjustable comfort**

Neck rest adjustable in height - comfort for everyone

Adjustable table – ergonomic benefits



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## *Premium Class*

Distance between seats - improves privacy  
A wide and low "lounge" table separates the seats



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## *Premium Class*

Privacy screen between the seats makes you comfortable working with “secret” information e.g. on your lap top screen.

Foldable and adjustable table gives you a good ergonomic working position.

A flexible solution as the table position isn't depending on the row distance (pitch)



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## *Premium Class*

### **Work and relax**

Create your own sphere with the foldable head rest

It gives comfortable sleeping possibilities and minimises visual and audible noise.



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*Premium class*

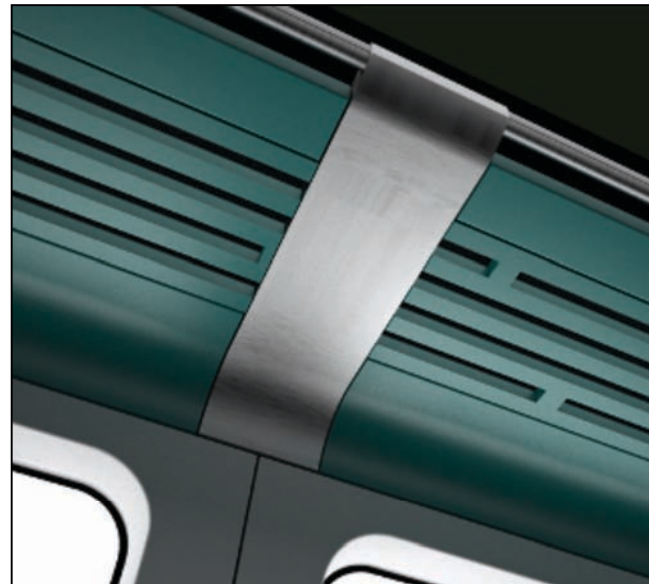


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## *Premium Class*

### **Luggage compartment design**

A relaxed and more discreet expression compared to economy class



## *Premium Class*

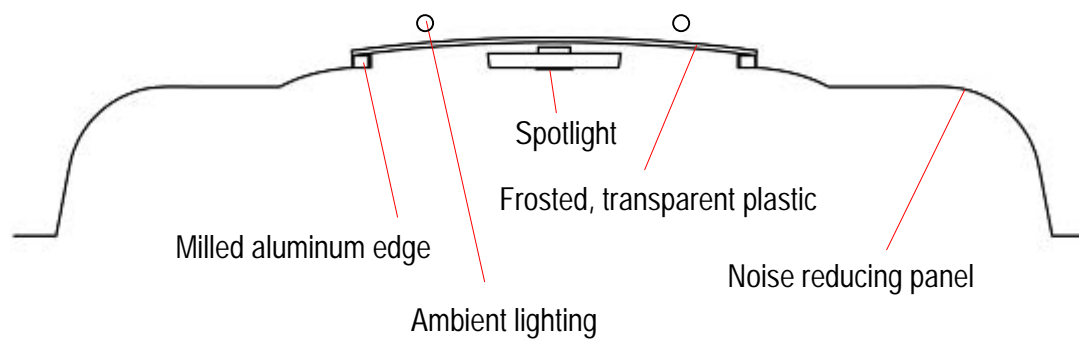
### **Inner ceiling**

The design creates a feeling of an open sky roof with day light.



# *Project Focus*

## **Inner ceiling**



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