

IDEAS TRAIN | 22 MODULES

A FULL-SCALE MODEL THAT DEMONSTRATES WHAT CUSTOMERS WANT



Jan Commuter interested in digital technology



Holger Commuter interested in comfort



Sophie Student



The Schmidts

Leisure travellers



Elwira Senior citizen with restricted mobility



What will rail travel look like in the future? What amenities should regional transport offer tomorrow's customers? These are questions we have been studying at DB Regio as part of a joint project with our colleagues from Südostbayernbahn and DB's d.lab team. the project's 22 different modules on board trains.

The DB team was supported by Munich-based design firm Neomind, which took the customer interests we identified together and incorporated them in the concepts for the project's 22 different modules.

neomind

SECTION | SPORT

EXERCISE BIKES AND WORKOUT BOOTHS





Commuter interested in digital technology

Sophie Student



Features

Not interested in relaxing or working? Passengers on the Ideas Train can make active use of their time - in the most literal sense. The on-board gym features bookable exercise bikes and exercise booths with a digital fitness trainer for yoga and exercises, helping people achieve a workout programme that's right for them.

The booth doors are made of smart glass that can switch between transparent and opaque. This means the booths can also be used as changing rooms. Passengers use an app and/or chip card to pay via NFC.

Vertical stands with an innovative hoist-based mechanism make place-saving bike storage possible during a train trip.

MODULE 01 | SPORT

EXERCISE BIKES















Information

- 1. Folding seat JumpSeat Sedia Systems
- 2. Seat cover DOLCE™ Black Sedia Systems
- 3. LED lighting strip bluleu
- 4. Loudspeaker

 Axis Communications
- 5. Floor lighting SBF
- 6. Flooring Transflor Wood, Autumn Maple
 Altro
- 7. Exercise bike Speedbike SX400 InnovaMaxx
- 8. LED lighting strip linear, rgb, chase lights bluleu
- 9. Floor intarsia Transflor Meta, Safety White Altro
- 10. LED lighting strip linear, rgb, static bluleu
- 11. NFC technology krauth technology
- 12. "Gym" sonic setting comevis

Visualisation (poss. different from actual implementation)



MODULE 02 | SPORT

WORKOUT BOOTHS













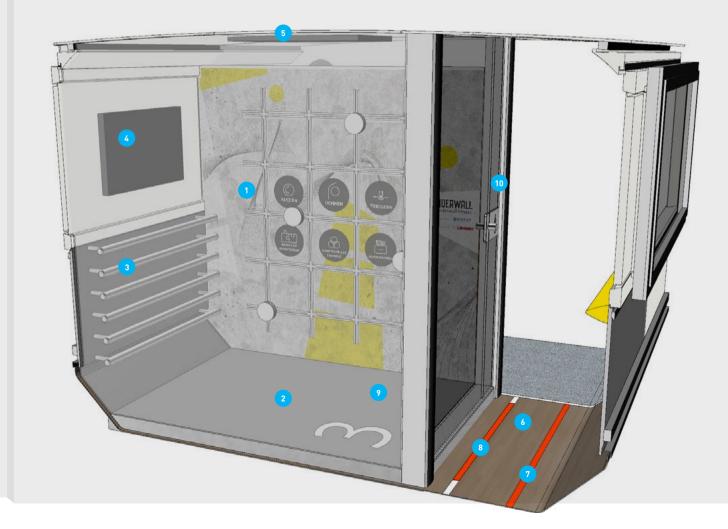








- 1. Workout wall Wonderwall
- 2. Flooring yoga mat Friedola
- 3. Support bar antimicrobial surface S&S
- 4. Widescreen monitor 32", flat LG
- 5. Ceiling monitor 32", flat LG
- 6. Flooring Transflor Wood, Autumn Maple
- 7. LED lighting strip linear, rgb, chase lights bluleu
- 8. LED lighting strip linear, rgb, static bluleu
- 9. Glass film Trispel
- 10. NFC technology krauth technology



MODULE 02 | SPORT

BICYCLES









- 1. Wall cladding Whiterock Digiclad
- 2. Bike stand bike lift Parkis
- 3. Charging point bike-energy
- 4. Flooring, pale Transflor Tungsten, Fog Altro
- 5. Floor intarsia Transflor Meta, Safety White
- 6. Flooring, dark Transflor Tungsten, Storm





FOCUS DOOR AREA

DOOR AND MUITI-PURPOSE AREA



Jan Commuter interested in digital technology



Holger Commuter interested in comfort



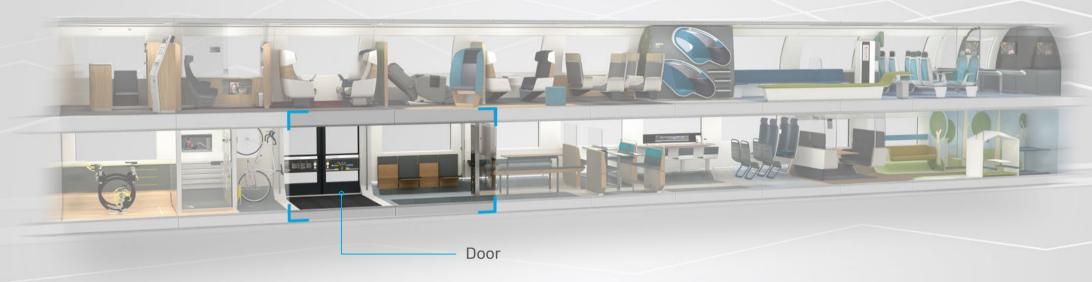
Sophie Student



The Schmidts Leisure travellers



Elwira Senior citizen with restricted mobility



Features

Maximum convenience from the moment you enter - we've turned our attention to the area around the doors and created a multi-purpose compartment. The information system and lighting features guide passengers from here to their preferred seats. Anyone who wants to spend their journey in this section can use the new, space-saving and easy-maintenance folding seats and rely on the information system for a range of essential information about the route.

MODULE 03 | DOOR AREA

DOOR AREA















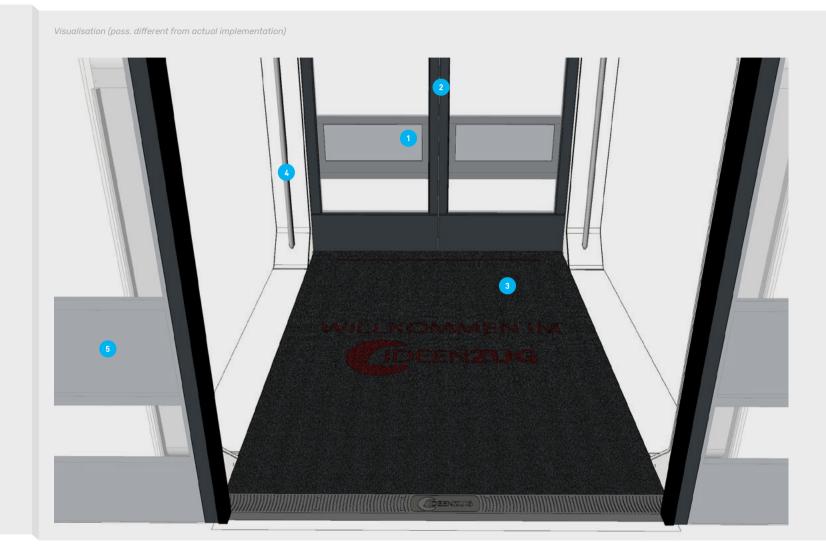
Information

- 1. "Inside" infoscreen 32"

 Annax
- 2. Camera

 Axis Communications
- 3. Dirt catcher Cleanmaterial *Tde*
- 4. Support bar antimicrobial surface *S&S*
- 5. "Outside" infoscreen 32"

 Annax



MODULE 03 | DOOR AREA

DOOR AREA











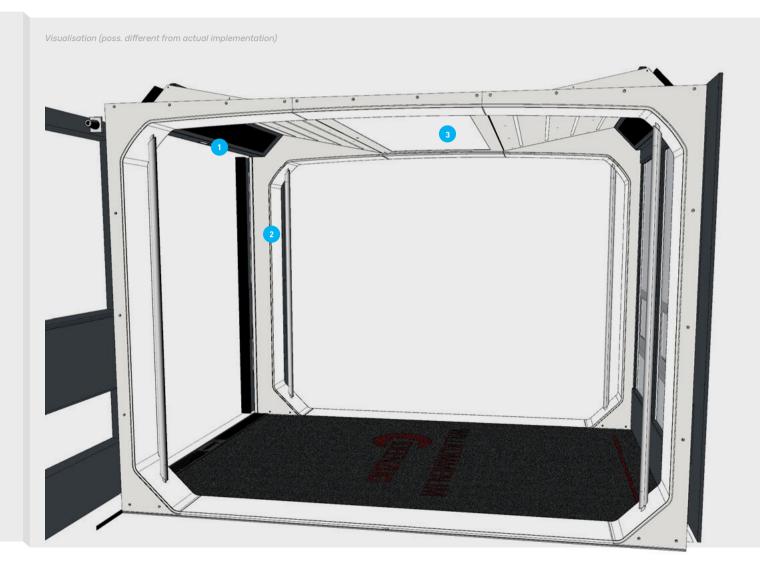






Information

- Infoscreen widescreen
 Annax
- 2. Access portal bluleu
- 3. Ceiling lighting bluleu





MODULE 04 | DOOR AREA

MULTI-PURPOSE AREA











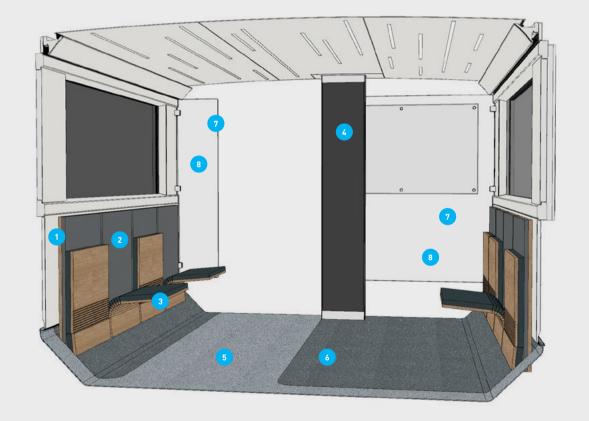




Information

- 1. Folding seat JumpSeat Sedia Systems
- 2. Seat cover DOLCE™ Artezian Sedia Systems
- 3. Seat cover DOLCE™ Indigo Sedia Systems
- 4. Infoscreen column *LG*
- 5. Flooring, dark Transflor Tungsten, Storm *Altro*
- 6. Flooring, pale Transflor Tungsten, Fog Altro
- 7. Wind blocker Sheet glass
- 8. Glass film *Trispel*

isualisation (poss. different from actual implementation)







MODULE 04 | DOOR AREA

MULTI-PURPOSE AREA















Informatio

- 1. Screen 55" *LG*
- 2. Ceiling lighting SBF



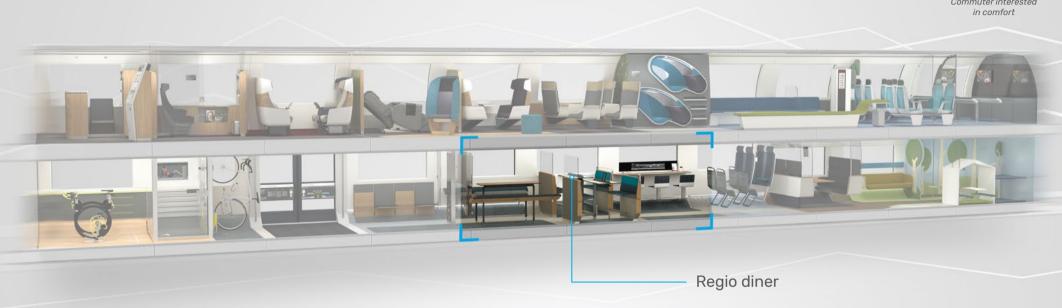


FOCUS | REGIO DINER

ALWAYS BE UP TO DATE AND ENJOY REAL COMFORT



Holger Commuter interested in comfort



Features

Information is always readily available during travel. The Ideas Train contains an area with a big screen for watching sport broadcasts, news and documentaries. Passengers can use convenient rests in the way that suits them best, with or without a table.

Innovative dining benches and tables make travel even more enjoyable: passengers can use them for spending time with friends, family members or other sociable souls they meet on board. Integrated tablet spaces and luggage storage under the benches ensure that tabletops remain free of clutter. Anyone who wants something small to eat can head over to the vending machine for snacks and baked goods, or for beverages such as coffee, soft drinks and a cold beer.

The workdesk with built-in news and passenger information notification is ideal for performing work-related tasks.

MODULE 05 | REGIO DINER

BIG SCREEN







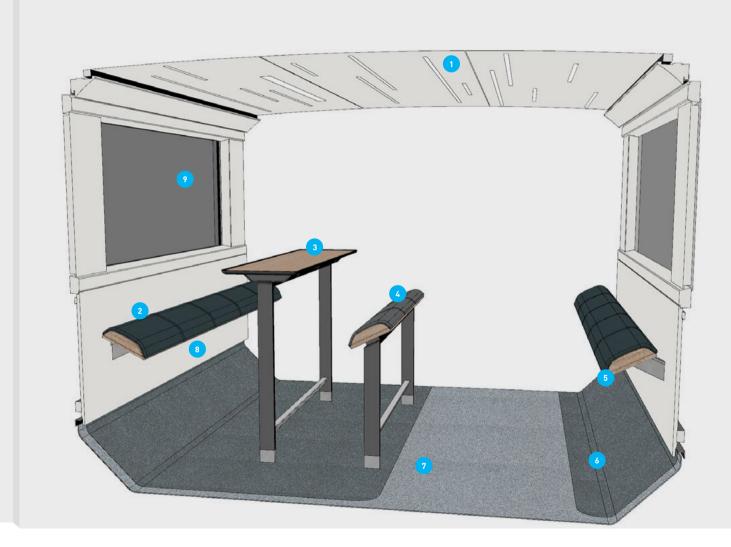








- 1. Ceiling lighting SBF
- 2. Seat cover of wall-mounted rests SL4C5 Grey E-Leather
- 3. Wood-look bar table Sereno NA Fundermax
- 4. Seat cover of standing rests SL3UL Grey E-Leather
- 5. Wood-finish wall-mounted rests Sereno NA Fundermax
- 6. Flooring, dark Transflor Tungsten, Storm
- 7. Flooring, pale Transflor Tungsten, Fog Altro
- 8. Loudspeaker **Axis Communications**
- 9. Anti-vandalism roller blind Tde



MODULE 06 | REGIO DINER

REGIO DINER



E-LEATHER









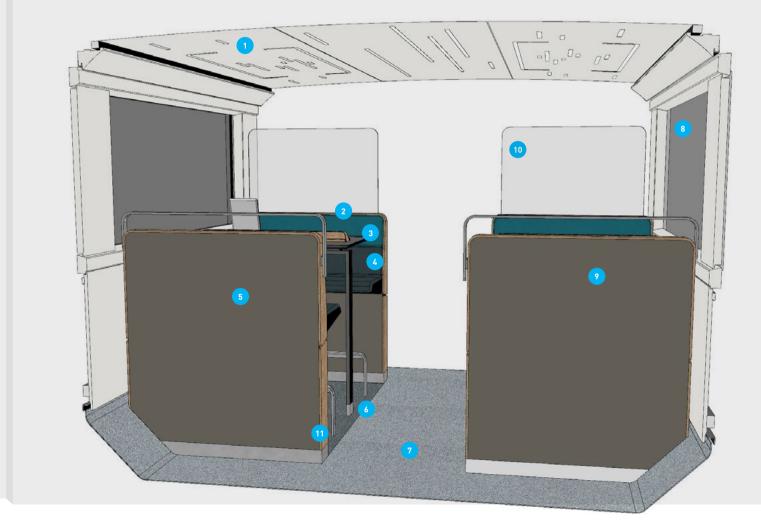


Information

- 1. Ceiling lighting SBF
- 2. Backrest cover SL2i Turquoise, embossed E-Leather
- 3. Table surface Tortora AP Fundermax
- 4. Seat cover SL4C5 Grey E-Leather
- 5. Partition surface Warm Grey Dark AP Fundermax
- 6. Flooring, dark Transflor Tungsten, Storm

 Altro
- 7. Flooring, pale Transflor Tungsten, Fog *Altro*
- 8. Roller blind *Tde*
- 9. Diner benches *Kiel*
- 10. Partition Sheet glass
- 11. Wood-look finish Sereno NA Fundermax

Visualisation (poss. different from actual implementation)



MODULE 07 | REGIO DINER

SNACKS

















- 1. Wood-look finish Sereno NA Fundermax
- 2. Workdesk Prevent
- 3. Seat cover Wired, Q754 Camira
- 4. Advertising space foil Trispel
- 5. MTX ordering system krauth technology
- 6. Vending machine for drinks EventTender



MODULE 07 | REGIO DINER

SNACKS

camira

















Information

- 1. Ceiling light, vault rgb + ww SBF
- 2. Window screen Annax
- 3. Flooring, grey noraplan stone, 1146 nora
- 4. Flooring, blue noraplan stone, 6603 nora

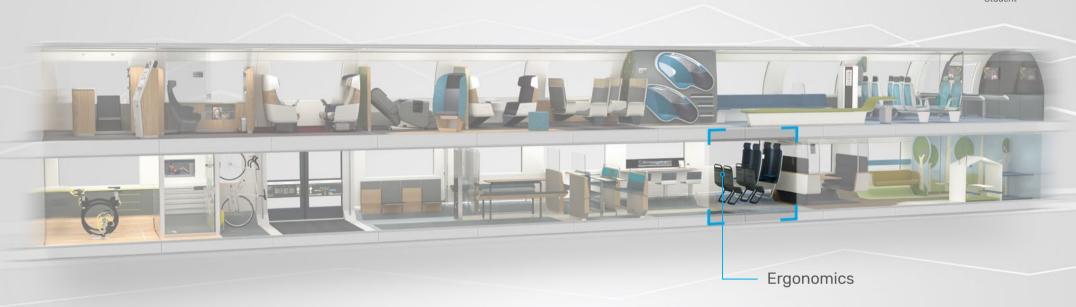


FOCUS | **ERGONOMICS**

SHORT TRIP. GOOD VALUE



Sophie Student



Features

Passengers who only need to make short trips, want low-cost travel or who would simply like something different to conventional seating can make use of ergonomic and space-saving vertical seats. Nobody will have to forgo convenience: tables and cupholders mean their hands are free, while screens in their line of sight keep them well-informed, as well as entertained.

Lower vertical seats are designed to provide a better overview in the vehicle and at the same time provide passengers with enough support and safety when covering short distances.

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MODULE 08 | **ERGONOMICS**

ERGONOMICS camira

nora®







- 1. Headrest Vita, Hippo Camira
- 2. Piping Vita, Peacock Camira
- 3. Backrest cover Wired, Q754 Camira
- 4. Frame cover Wired, Q1001 Camira
- 5. Seat cover Vita, Peacock Camira
- 6. Flooring, blue noraplan, ultra grip, 6020
- 7. Flooring, grey noraplan, ultra grip, 6016 nora
- 8. Vertical seats Taps





MODULE 08 | **ERGONOMICS**

ERGONOMICS camira

nora®







- 1. Ceiling lighting with transverse strips SBF
- 2. Vertical seats Prevent
- 3. Seat cover Wired, Q1001 Camira



FOCUS | FAMILY

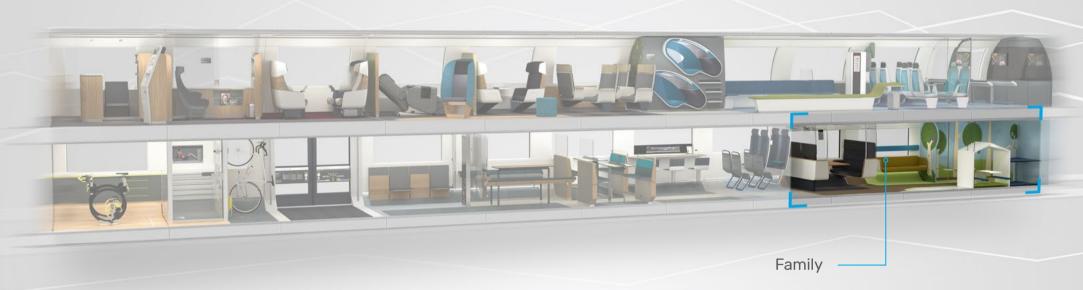
TRAVELLING WITH THE ENTIRE FAMILY / GROUP







Elwira Senior citizen with restricted mobility



Features

There's space for everyone. Separated by glass partitions, each compartment has 3+3 benches with all the room that a family or group needs. Above the seats, there is more space for storing luggage. Families with small children can use the kids' section: it has room for pushchairs as well as an entire play area created specially for the youngest passengers on board.

MODULE 09 | FAMILY

FAMILY camira



FLT to the state of the state o













- 1. Ceiling panels with textile covering Oxygen, Calm
- 2. Ceiling light textile lighting strips FLT
- 3. Bench Prevent
- 4. Headrest Classic, Anthracite Camira
- 5. Piping Era, Stage Camira
- 6. Seat cover Track, Rough Camira
- 7. Table Cognac Oak NA Fundermax
- 8. Carpet Neon 593, blue Tisca
- 9. Window display (FGI) double-sided OSG
- 10. Window display (FGI) + seat reservation OSG



MODULE 09 | FAMILY

FAMILY

camira





nora®



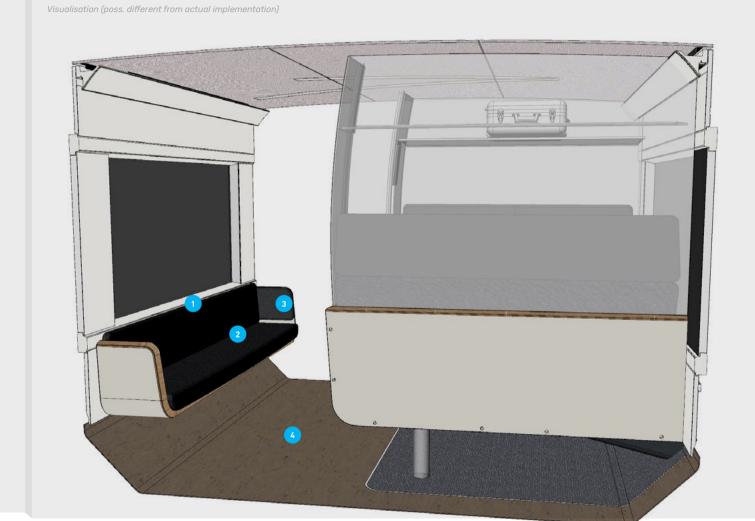








- 1. Bench Prevent
- 2. Seat cover Track, Rock Camira
- 3. Armrest Classic, Anthracite Camira
- 4. Flooring noraplan valua, 6723 nora



MODULE 11 | FAMILY

CHILDREN'S PLAY AREA













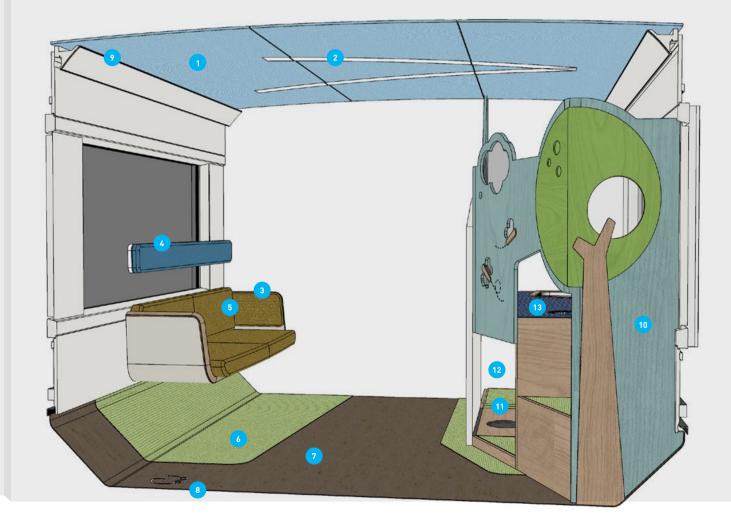




Information

- Ceiling panels with textile covering Oxygen, Calm
 Camira
- 2. Ceiling light textile lighting strips *FLT*
- 3. Bench Prevent
- 4. Headrest Vita, Waterfall Camira
- 5. Seat cover Main Line Flax, Goldhawk *Camira*
- 6. Carpet Ecorips, Lemon *Tisca*
- 7. Flooring noraplan valua, 6723 nora
- 8. Floor intarsia noraplan uni, 2452 nora
- 9. Speakers & camera Axis Communications
- 10. Platform HABA/Wehrfritz
- 11. Adventure tunnel HABA/Wehrfritz
- 12. Listening hole HABA/Wehrfritz
- 13. Carpet Ecorips, Ozean *Tisca*

Visualisation (poss. different from actual implementation)



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MODULE 11 | FAMILY

CHILDREN'S PLAY AREA

















- 1. Ceiling panels with textile covering Oxygen, Vishnu
- 2. Ceiling light textile lighting strips FLT
- 3. Kids' seating Prevent
- 4. Play table with screen Eli Play
- 5. Seat cover Vita, Peacock Camira
- 6. Carpet Ecorips, Lemon
- 7. Flooring noraplan valua, 6723 nora
- 8. Children's play area with different activities HABA/Wehrfritz
- 9. Wall-mounted play surface HABA/Wehrfritz
- 10. Balancing activity HABA/Wehrfritz
- 11. Button game HABA/Wehrfritz



FOCUS | BUSINESS

SERVICES. MY CABIN. PREMIUM



Commuter interested



Features

Turn a train into your office. All you need for this is a laptop or tablet workstation with a functional design that delivers comfort and convenience. The semi-surrounding shape of the backrests' upper section and a glass partition between seats minimises ambient noise.

Separate one-person booths are available for booking if anyone wants even more privacy, for example if they want to make a conference call and/or enjoy greater comfort during their journey. The booth features smart glass that can be turned opaque if desired.

The services module ensures that fresh beverages are always available.

MODULE 12 | BUSINESS

SERVICES













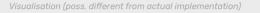


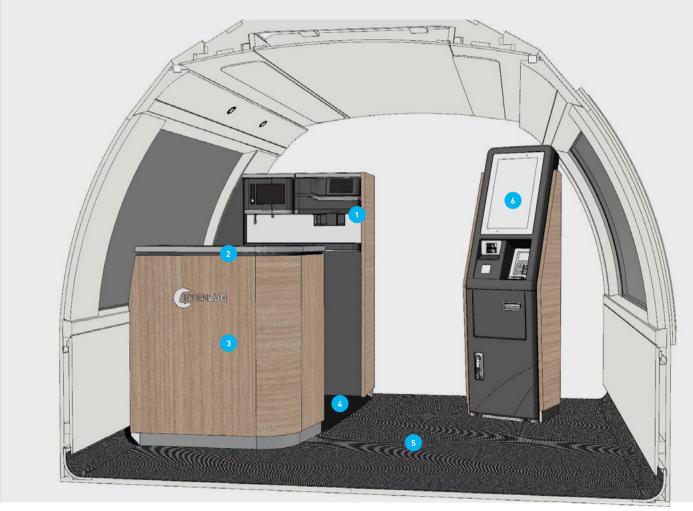






- 1. Vending machine for drinks EventTender
- 2. Countertop Varicor, Polaris Schüschcke
- 3. Barfront Fortuna NA Fundermax
- 4. Flooring norament 926 arago, 5172 nora
- 5. Carpet Spectra 200, platinum Tisca
- 6. Ticket machine krauth technology





MODULE 12 | BUSINESS

SERVICES















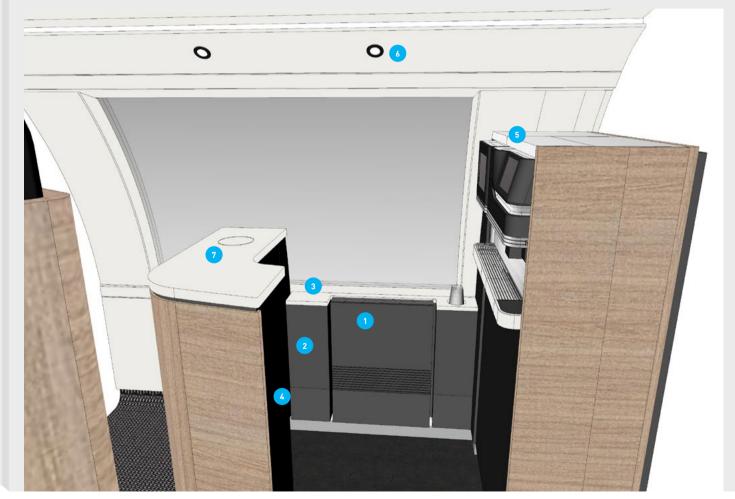






- 1. Folding seat JumpSeat, DOLCE™ Black Sedia Systems
- 2. Lateral wall panels Neutral Grey Dark AP Fundermax
- 3. Window table Varicor, Polaris Schüschcke
- 4. Bar, inner surface & sides Neutral Grey Dark AP Fundermax
- 5. Surface above vending machine Varicor, Polaris Schüschcke
- 6. Spotlights ww-cw, dimmable
- 7. Bin touch-free Schüschcke





MODULE 13 | BUSINESS

MY CABIN























- 1. Wall cladding Fortuna NA Fundermax
- 2. Carpet, aisle Spectra 200, platinum
- 3. Wall cladding, inner Neutral Grey Dark AP Fundermax
- 4. Screen 32", curved LG
- 5. Tabletop Varicor, Polaris Schüschcke
- 6. Table mechanism THK
- 7. Lateral wall panels Fortuna NA Fundermax
- 8. Reservation info screen 10" -/-
- 9. Roller blind electric Tde



MODULE 13 | BUSINESS

MY CABIN























1. Wall cladding - Blazer Quilts, Channel

Noise-absorbing foam SSC

- 2. Seat Taps
- 3. Headrest SL2i Black E-Leather
- 4. Piping SL2i Mars Red E-Leather
- 5. Seat cover SL2i Black, embossed E-Leather
- 6. Carpet Spectra 200, cyclamen Tisca



MODULE 13 | BUSINESS

MY CABIN







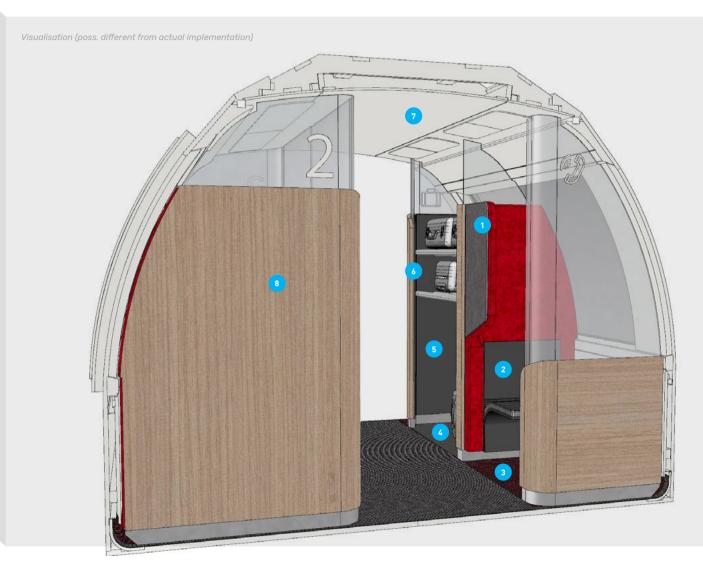








- 1. Sound-insulating wall
- 2. Folding seat JumpSeat, DOLCE™ Black Sedia Systems
- 3. Carpet Spectra 200, cyclamen Tisca
- 4. Flooring norament 926 arago, 5172 nora
- 5. Wall cladding, luggage storage space Neutral Grey Dark AP Fundermax
- 6. Luggage rack Kugel
- 7. Basic lighting & atmosphere warm-cold white + rgb
- 8. Wall cladding Fortuna NA Fundermax



MODULE 14 | BUSINESS

PREMIUM

climatex®















- 1. Headrest of double seat SL2i Grey E-Leather
- 2. Piping SL2i Mars Red E-Leather
- 3. Head cushion with fabric reservation info display FLT
- 4. Seat cover Ultra Climatex
- 5. Seat cover, application SL2i Grey E-Leather
- 6. Seat trim SL2i Grey E-Leather
- 7. Table Fortuna NA Fundermax
- 8. Premium single seat Taps
- 9. Smart seating sensors + software Siemens



MODULE 14 | BUSINESS

PREMIUM

climatex®















- 1. Basic lighting & atmosphere warm-cold white + rgb SBF
- 2. Privacy screen -/-
- 3. Premium double seat Taps
- 4. Carpet, aisle Spectra 200, platinum Tisca
- 5. Carpet, seating area Spectra 200, cyclamen Tisca



FOCUS | RELAXATION

PANORAMA WINDOWS, RELAXING, COMFORT, POWER NAPPING



Holger Commuter interested in comfort



Relaxation

Features

Whether our passengers just want a moment to themselves or are looking for more profound relaxation, our rotating noise-cancelling seats block out sounds, while larger windows offer a widescreen view of the world outside. Covered in real moss, green partitions structure the space and, together with noise-absorbing materials, filter out sonic distractions to maximise this area's relaxation factor.

Reclining pods offer passengers a comfy niche for quick power naps. Rotating chairs are another feature that let passengers "customise" how they travel - users can position them either in the conventional row format or swivel them around for a face-to-face conversation.

MODULE 15 | RELAXATION

PANORAMA



brainLight, camira





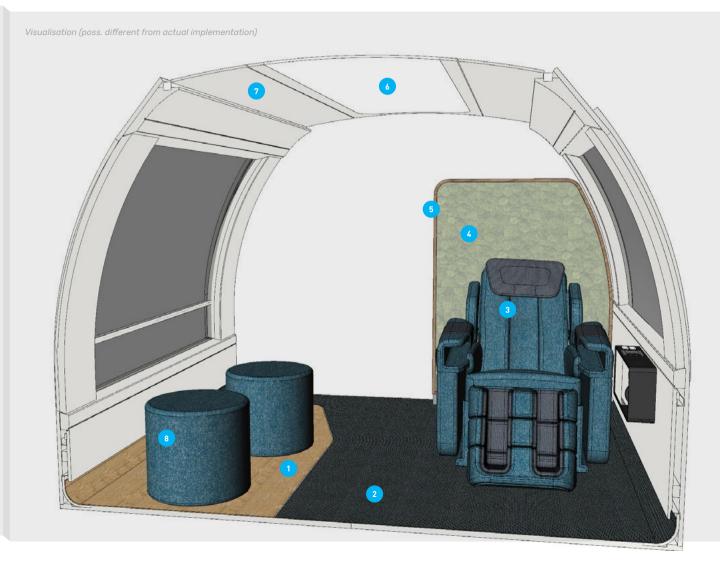






Informatio

- Flooring Transflor Wood, Farmhouse Oak
 Altro
- 2. Carpet Eco Struktur 300, elephant *Tisca*
- 3. Massage chair Zenesse brainLight
- 4. Wall cladding, moss effect poll moss Stylegreen
- 5. Wall frame Charles GA Fundermax
- 6. Ceiling light open-top effect, flat, dimmable bluleu
- 7. Basic lighting & atmosphere warm-cold white + rgb SBF
- 8. Stool Taps



MODULE 16 | RELAXATION

RELAXING















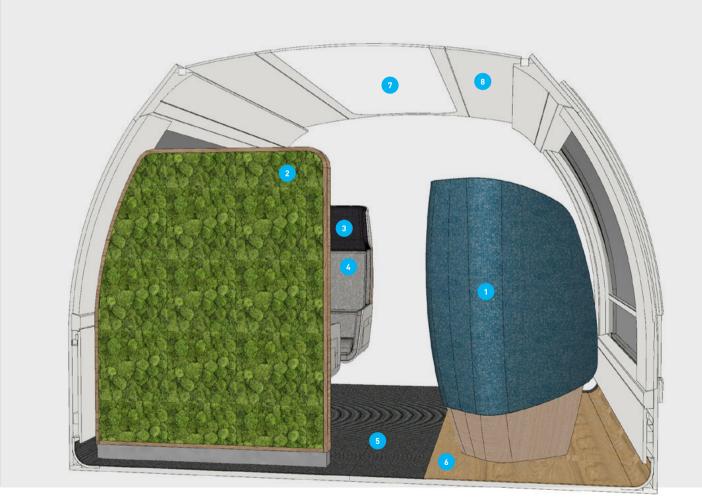


Information

- 1. Rotating chair Taps
- 2. Wall cladding, moss effect poll moss Stylegreen
- 3. Headrest FR Leather Camira
- 4. Seat cover, Hemp, Arable *Camira*
- 5. Carpet Eco Struktur 300, elephant *Tisca*
- 6. Flooring Transflor Wood, Farmhouse Oak

 Altro
- 7. Ceiling light open-top effect, flat, dimmable bluleu
- 8. Basic lighting & atmosphere warm-cold white + rgb SBF

Visualisation (poss. different from actual implementation)





MODULE 16 | RELAXATION

RELAXING











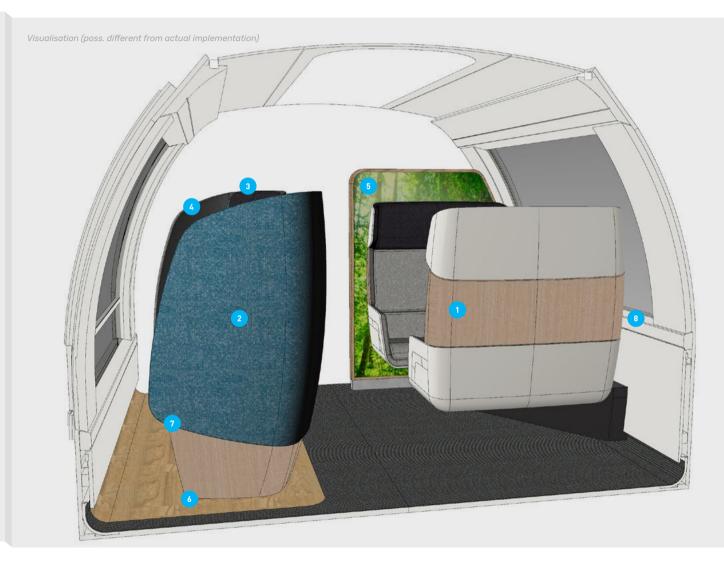








- 1. Double seat Taps
- 2. External surface Hemp, Dale Camira
- 3. Headrest FR Leather Camira
- 4. Seat cover Synergy, Chemistry Camira
- 5. Wall cladding print Forex
- 6. Rotation mechanism THK
- 7. Seat sensors THK
- 8. Window table with cupholder Krov



MODULE 17 | RELAXATION

COMFORT



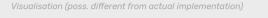


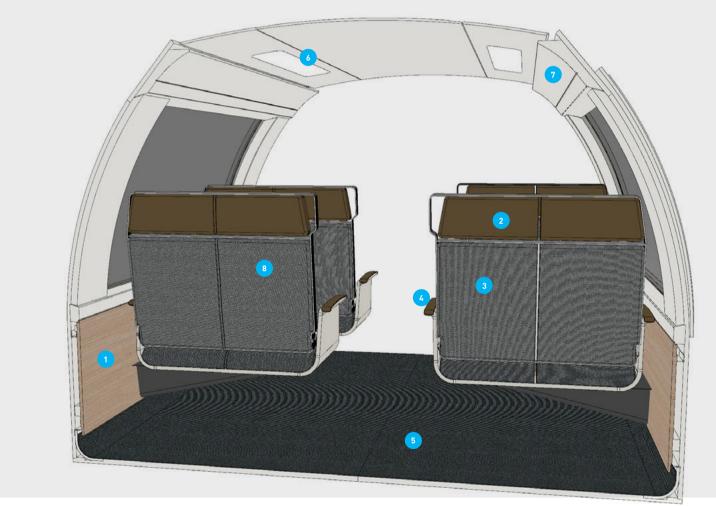






- 1. Panels on lateral walls Charles GA Fundermax
- 2. Headrest Vita, Oatmeal Camira
- 3. Seat cover Flat woven wool Camira
- 4. Armrest Vita, Oatmeal Camira
- 5. Carpet Eco Struktur 300, elephant
- 6. Ceiling light open-top effect, flat, dimmable
- 7. Basic lighting & atmosphere warm-cold white + rgb
- 8. Rotating bench Prevent





MODULE 18 | RELAXATION

POWER NAPPING







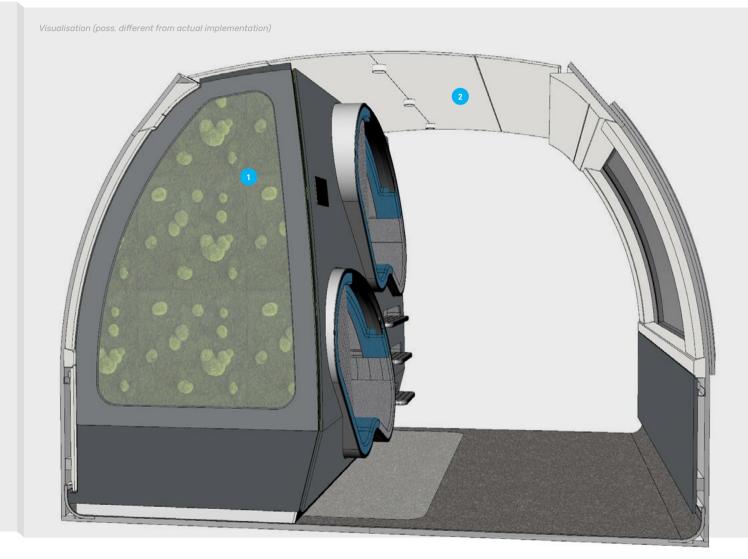








- 1. Wall cladding, moss effect forest & poll moss Stylegreen
- 2. Loudspeaker **Axis Communications**





MODULE 18 | RELAXATION

POWER NAPPING







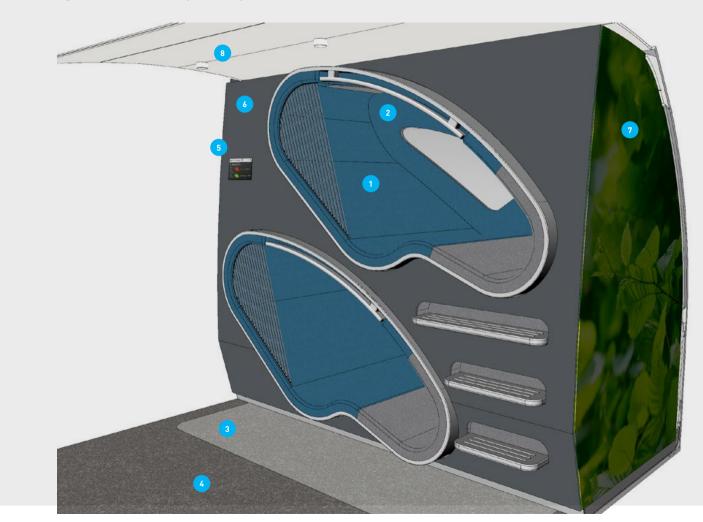








- 1. Seat cover Vita, Peacock Camira
- 2. Wall covering Vita, Peacock Camira
- 3. Flooring, pale noraplan Iona, 6901 nora
- 4. Flooring, dark noraplan lona, 6902 nora
- 5. Reservation info display 10" Annax
- 6. NFC technology krauth technology
- 7. Noise-absorbing wall cladding printed SSC
- 8. Basic lighting & atmosphere warm-cold white + rgb SBF



MODULE 18 | RELAXATION

POWER NAPPING

camira











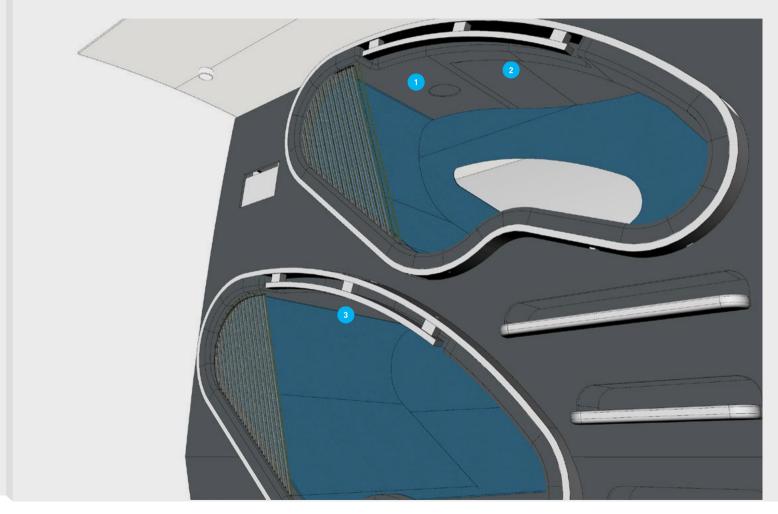




Information

- Ceiling lights spotlights, ww cw, dimmable
 SBF
- 2. Wall cladding Sonus, Music Camira
- 3. Active Noise Control (ANC) technology Siemens / Silentium

/isualisation (poss. different from actual implementation)



FOCUS | COMMUNICATION

LOUNGE, COFFEE LOUNGE, ECONOMY



Sophie Student



Features

Groups of friends travelling together have all the room they need in the lounge. If you enjoy hanging out and spending time together, our new lounge benches are designed to make sure you get to do just that. The "coffee cube" has a range of fresh speciality coffees for everyone.

Anyone who wants some time to themselves can enjoy at-seat entertainment and information served up on their personal screen. Special mesh covers are designed to let air circulate and so ensure an optimum comfort level.

MODULE 19 | COMMUNICATION

LOUNGE -ARTE











- 1. Seat cover Main Line Flax, Pimlico + Tufnell + Finsbury
- 2. Flooring noraplan lona, 6918
- 3. Indirect lighting, ceiling vault rgb + ww, dimmable SBF
- 4. Ceiling noise absorbers Spectra, Carrelage Arte International
- 5. Speakers + camera **Axis Communications**
- 6. Lounge Prevent



MODULE 20 | COMMUNICATION

COFFEE LOUNGE

-ARTE













- 1. Ceiling noise absorbers Spectra, Carrelage Arte International
- 2. Indirect lighting, ceiling vault rgb + ww, dimmable
- 3. Flooring noraplan lona, 6918 nora
- 4. Vending machine for drinks EventTender
- 5. Lounge Prevent



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MODULE 21 | COMMUNICATION

ECONOMY camira

ra **kie**









Information

- Seating area flooring noraplan lona, 6919
 norg
- 2. Aisle flooring noraplan lona, 6918 nora
- 3. Floor intarsia noraplan lona, 6901 nora
- 4. Mesh seat Kiel
- 5. Seat cover Rivet, Lagoon Camira
- 6. Seat cover 3D Knitted Mesh Camira
- 7. Rotation mechanism face-to-face / transverse *THK*
- 8. Noise-absorbing wall Blazer *Camira, SSC (sound insulation foam)*
- 9. Basic lighting & atmosphere warm-cold white + rgb SBF





FOCUS | GAMING & SHOPPING

GAMES AND SHOPPING

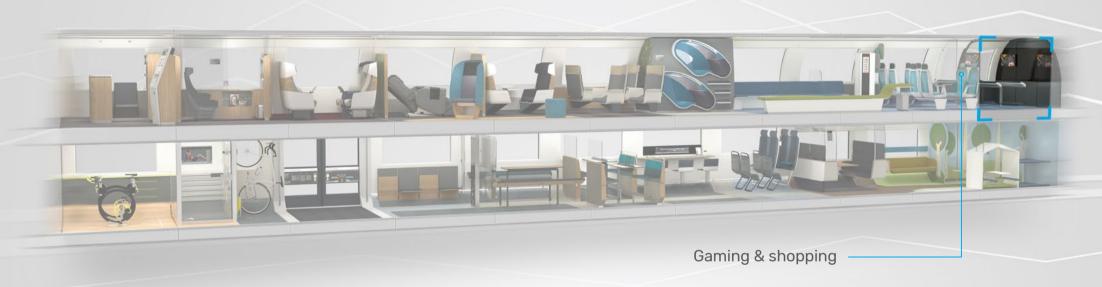






The Schmidts

Leisure travellers



Features

The last word in mobile entertainment: gamers can pursue their favourite pastime during train journeys too. New gaming releases let people play singly or against other passengers as they battle it out to win nail-biting contests or set off for an on-screen adventure.

Anyone who'd prefer to do some shopping has a virtual supermarket at their disposal on the video wall. They can order its countless products for delivery to their address or to a collection point at their destination station.

MODULE 22 | GAMING & SHOPPING

GAMING & SHOPPING















- 1. Flooring noraplan lona, 6918 nora
- 2. Glass partition Sheet glass
- 3. Glass partition + int. display OSG / Screenex
- 4. Basic lighting & atmosphere warm-cold white + rgb SBF
- 5. Seat cover SL3UL Grey E-Leather
- 6. Wall-mounted rests Systemtech Schneider
- 7. Screen contents FIFA 2019 EA Sports





Where can I see the Ideas Train?

The Ideas Train is on display at Oberursel, near Frankfurt. Visits to the exhibition hall are open to individual or multiple groups (approx. 8-12 people per group). The hall is also available for bookings as an event location, i.e. for meetings or workshops.

DB Regio manages the hall and is more than happy to open it to anyone or any organisation interested in using it.

Address: Ludwig-Erhard-Strasse 34

61440 Oberursel (Taunus)

Germany

Further information is available at www.ideenzug.de.

Contact

General contact:

Next development stages for train:

Organisation/

Communication:

Project management/ Development:

Design:

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