



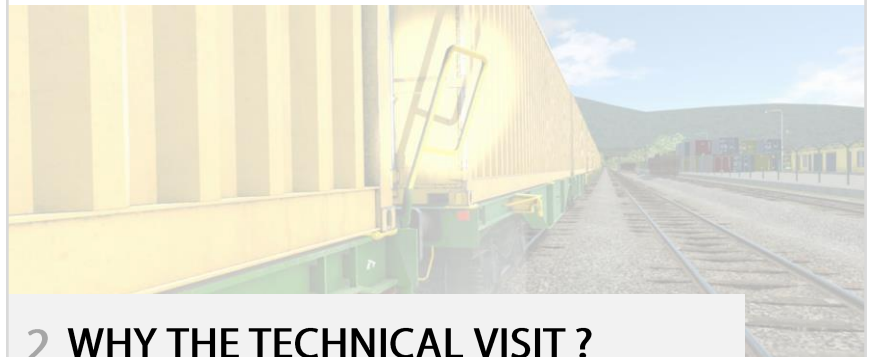
# OVERVIEW TECHNICAL VISIT

2022

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## 1 ABOUT TRANSURB



## 2 WHY THE TECHNICAL VISIT ?



## 3 THE ADVANTAGES



## 4 CONCLUSION

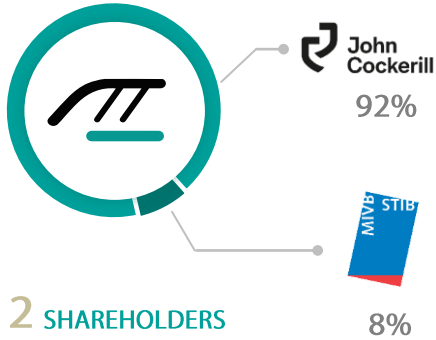


- Founded in 1979
- Expertise in rollingstock & signalling

2  
BUSINESS UNITS



- Founded in 2002
- Simulators and innovative training solutions



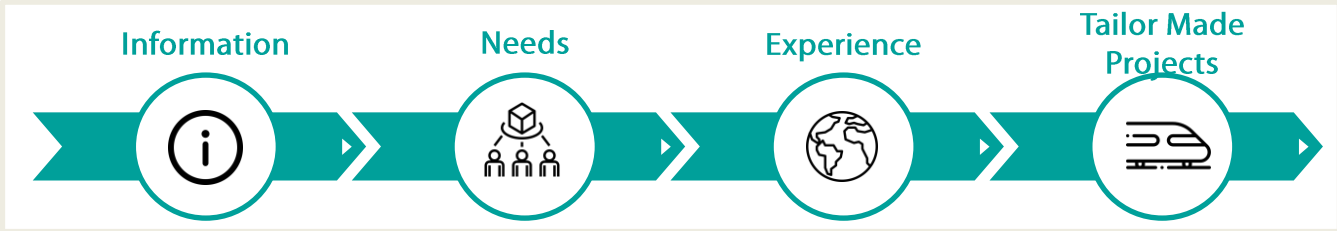
2 SHAREHOLDERS



6  
LOCATIONS



110  
EMPLOYEES



# Why the technical visit ?

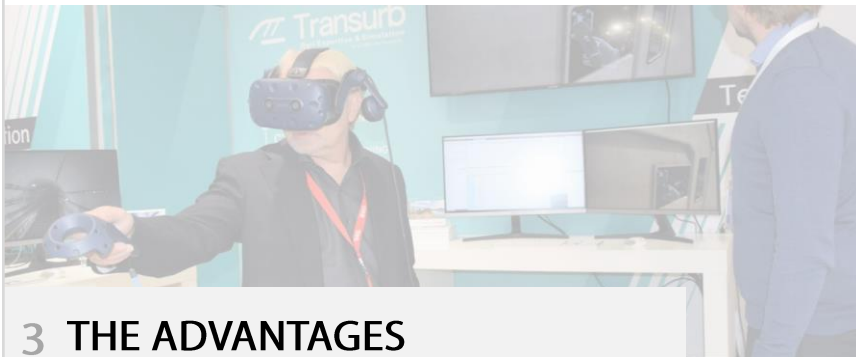
YOU ASK, **WE DELIVER!**



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# The role of a technical inspector



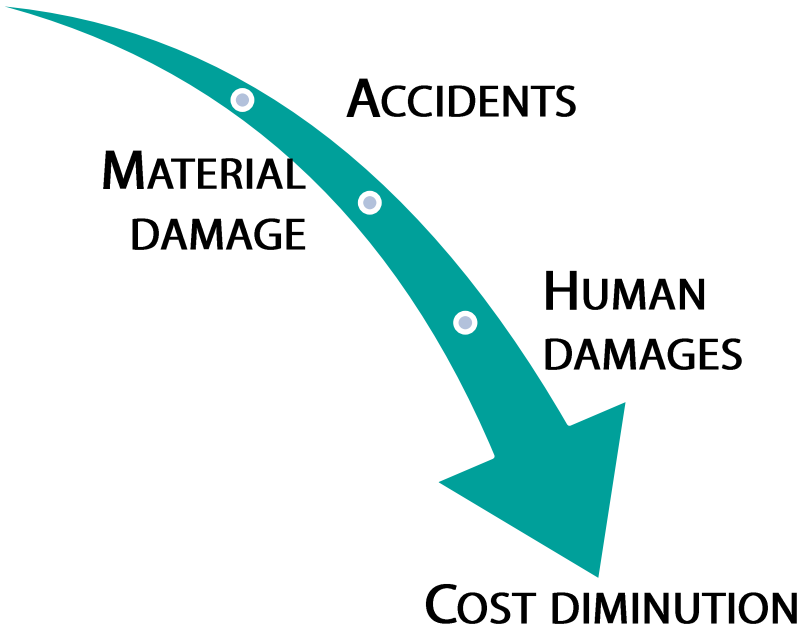
Inspection of the wagons before every departure

Detection of the potential failures



Avoid accidents

QUALITY TRAINING



A well-trained technical inspector can prevent disasters from happening

# Some common defects



✘ INCORRECTLY POSITIONED COUPLING



✘ MISSING LANTERN ATTACHMENT



✘ FOLDED MANUAL BRAKE



✘ WRONGLY POSITIONED CONTAINER ATTACHMENT



✘ LOWERED CLIMBING BAR

# Some common defects

HEAVILY WORN BEARING RINGS  
✗ RINGS



SLIGHTLY WORN BEARING RINGS  
✗



DEFECTIVE SHOCK ABSORBER  
✗



DEFORMED CONTAINER  
✗



➔ Transurb can simulate and recreate these defects

# The current formation

## BASE TRAINING



### ➤ Theoretical training

- In classes
- 24 days

### ➤ Practical training

- On the ground
- Minimum 12 days



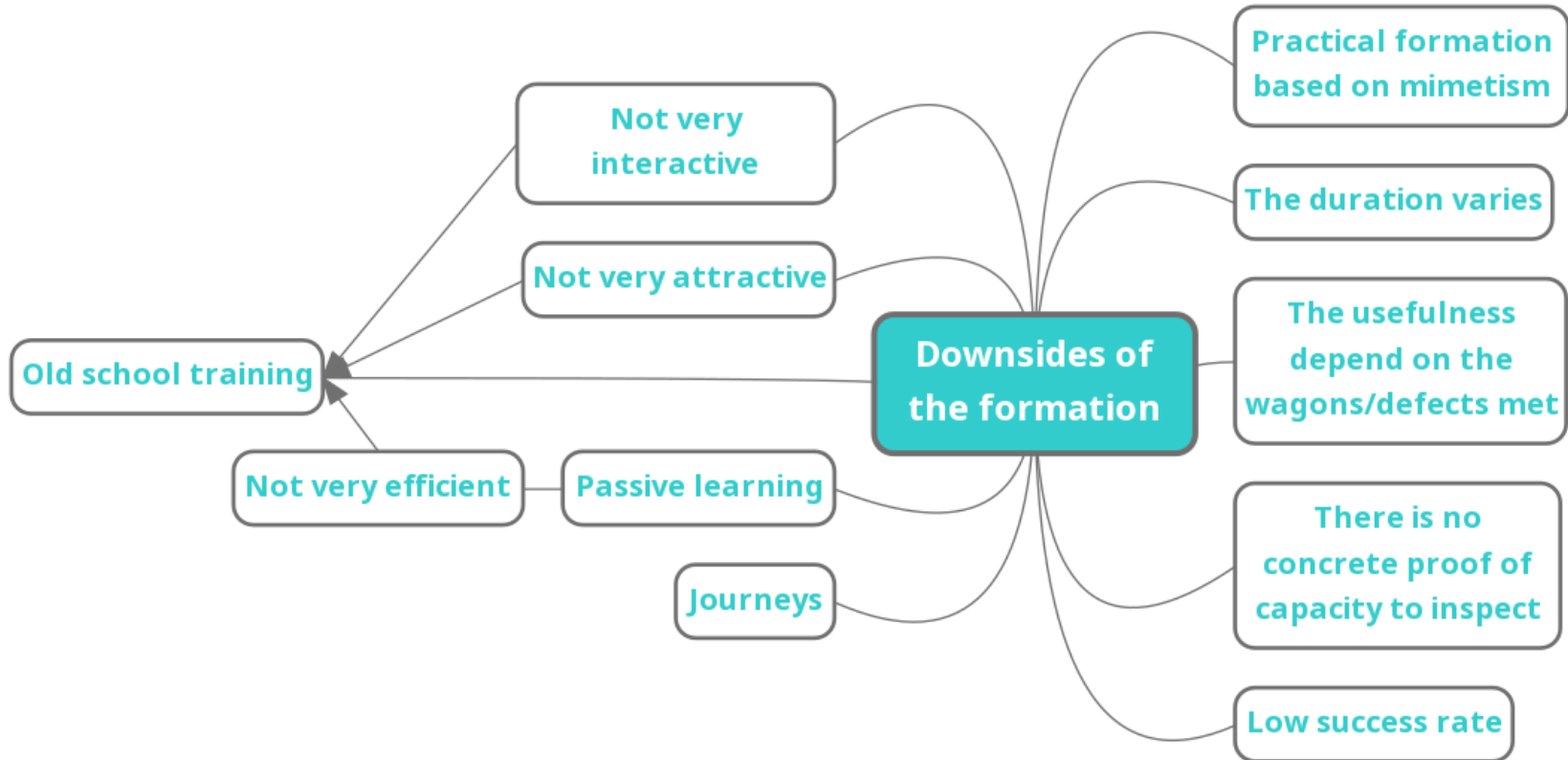
## CONTINUOUS TRAINING

1 day per year

Precise subject







 Transurb can develop an interactive digitalised training solutions to overcome these downsides

# Our solution

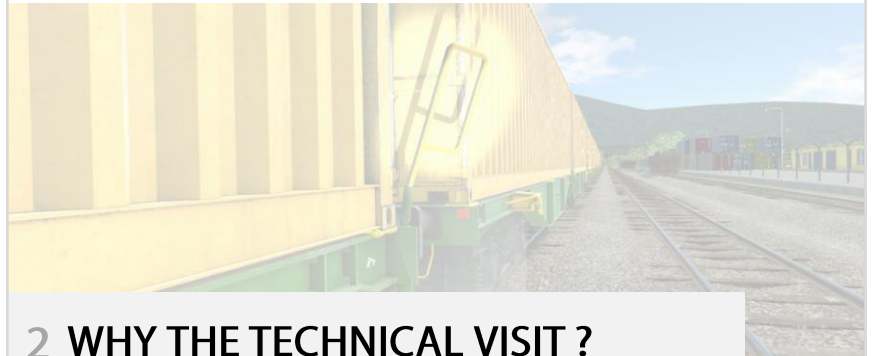


# The advantages

YOU ASK, **WE DELIVER!**



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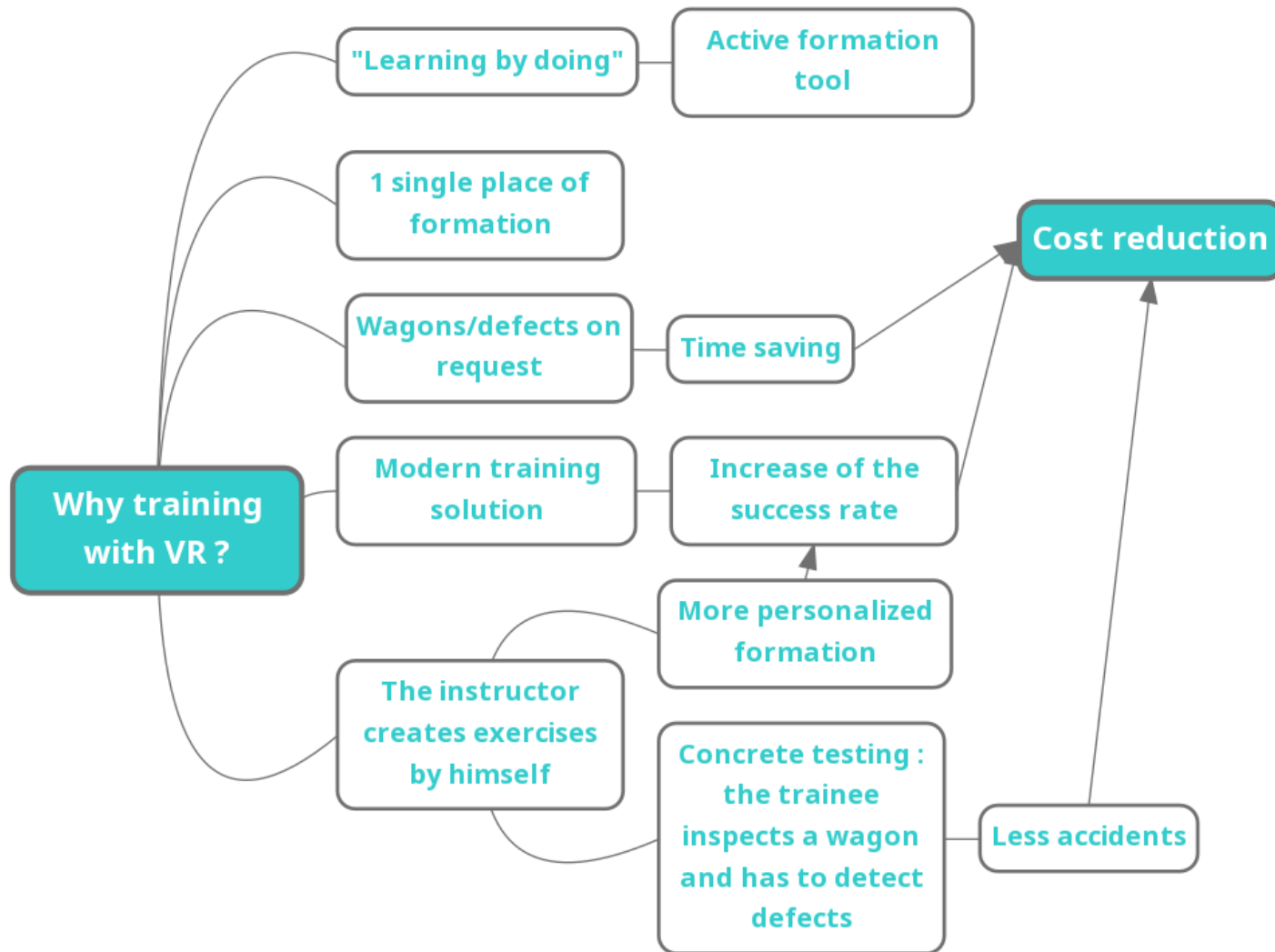


## 3 THE ADVANTAGES

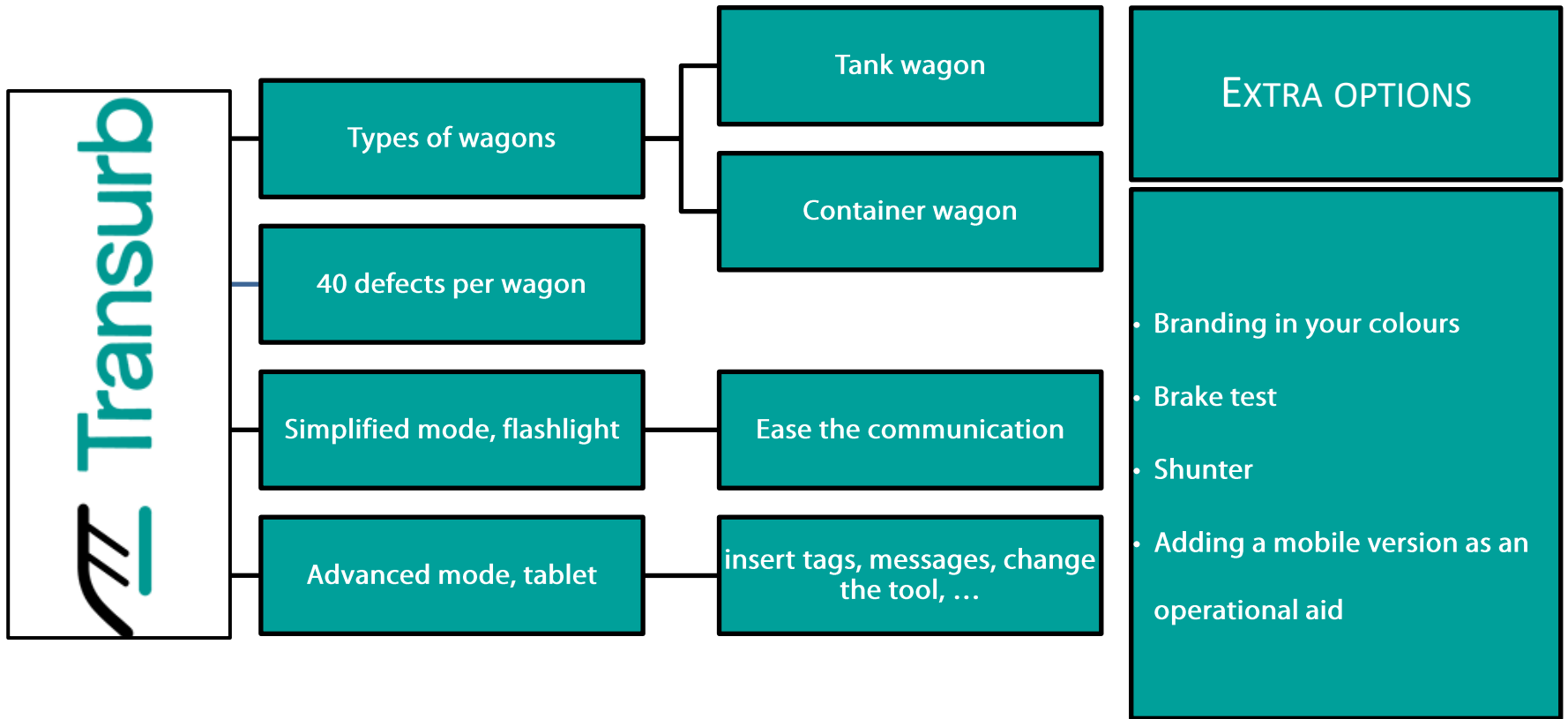


## 4 CONCLUSION

# Why training with VR ?



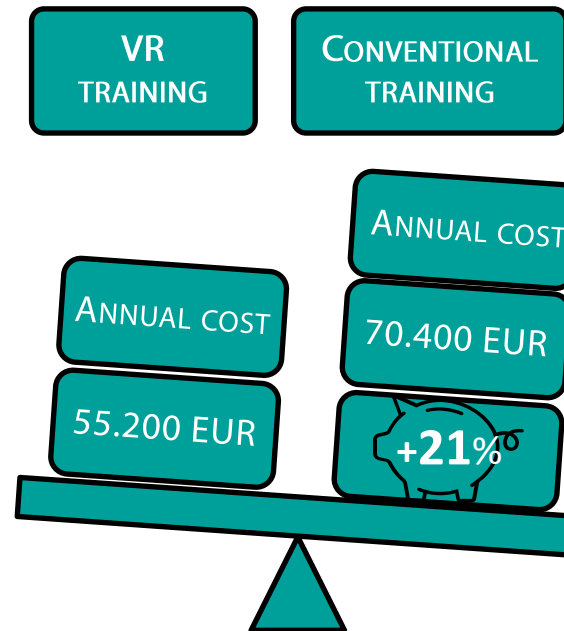
# What Transurb bids nowadays



# A 21% less expensive solution

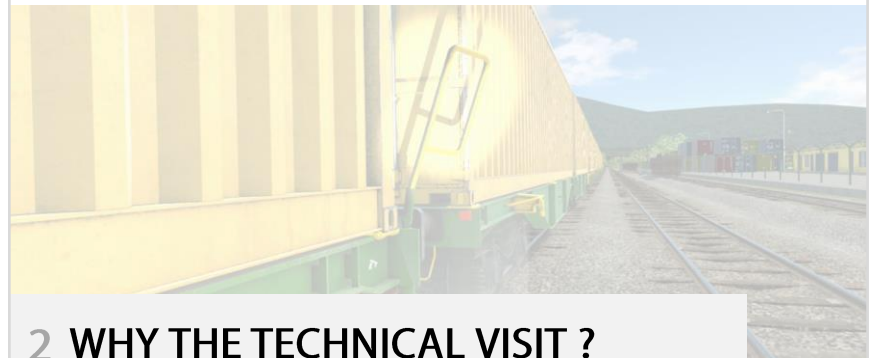


- ✓ Small investment
- ✓ Monthly payment
- ✓ Increased success rate
- ✓ Faster
- ✓ Wagons and defects available on request
- ✓ Less accidents





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# As a conclusion

## CONVENTIONAL FORMATION

- ☒ Old school training
- ☒ Passive learning
- ☒ Training with variable effectiveness
- ☒ Low interactive training
- ☒ Low success rate



## FORMATION WITH VR

- ☑ Modern training solution
- ☑ Active learning
- ☑ Wagons and defects available on request
- ☑ Personalised training
- ☑ Reduced training duration
- ☑ Improved quality to detect
- ☑ 1 single place of learning







Thanks,  
Any questions ?



# Contact :



**Simon Pinckers**  
Sales & Business Developer



✉ [s.pinckers@transurb.com](mailto:s.pinckers@transurb.com)  
☎ +32 470 36 70 68  
🌐 [linkedin.com/in/simon-pinckers](https://www.linkedin.com/in/simon-pinckers)

Rue Fond des Bas Prés, 1  
5000 Namur  
Belgium

[simulation.transurb.com](https://simulation.transurb.com)

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