

The background features a dark blue gradient. In the upper left, the text '3D DIGITAL' is rendered in a 3D, golden font, with '3D' on the top line and 'DIGITAL' on the bottom line. To the right of this text is a golden, 3D object that resembles a stylized, curved arrow or a futuristic component. The main title 'DIGITAL TWINS AND XR-TECHNOLOGY' is centered in the lower half of the image in a large, bold, white sans-serif font.

DIGITAL TWINS AND XR-TECHNOLOGY

<https://pitch.com/v/presentation-smrsxg>

01 – WHY XR AND DIGITAL TWINS

02 – VIRTUAL TRAINING

03 – VIRTUAL TRAINING AND DIGITAL TWINS

04 – WHAT IN THE FUTURE

05 – CONTACT



USING XR-TECHNOLOGY TO TRAIN AND EDUCATE

VR-CASE INCLUDES:

- VR-GLASSES
- CHARGING
- MODEM
- TABLET
- CLEANING
- SOFTWARE

PLUG AND PLAY, AS THEY SAY



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Mixed Reality in safety and maintenance training using 3D models that are potential digital twin.



Safety and maintenance with authorities and rescue

CASE: FINNISH DEFENCE FORCES

VIRTUAL FIRST-AID

Need:

Replace mobile physical and heavy training environments with a more functional and scalable solution.

Solution:

- Virtual multiplayer Battalion Aid Station.
- Packaged portable solution: 10 VR headsets & wi-fi.
- A modular patient that can be easily modified by the trainer for various medical training scenarios.
- After the exercise, the group can go through the treatment procedures by comparing automatic and manual notes.

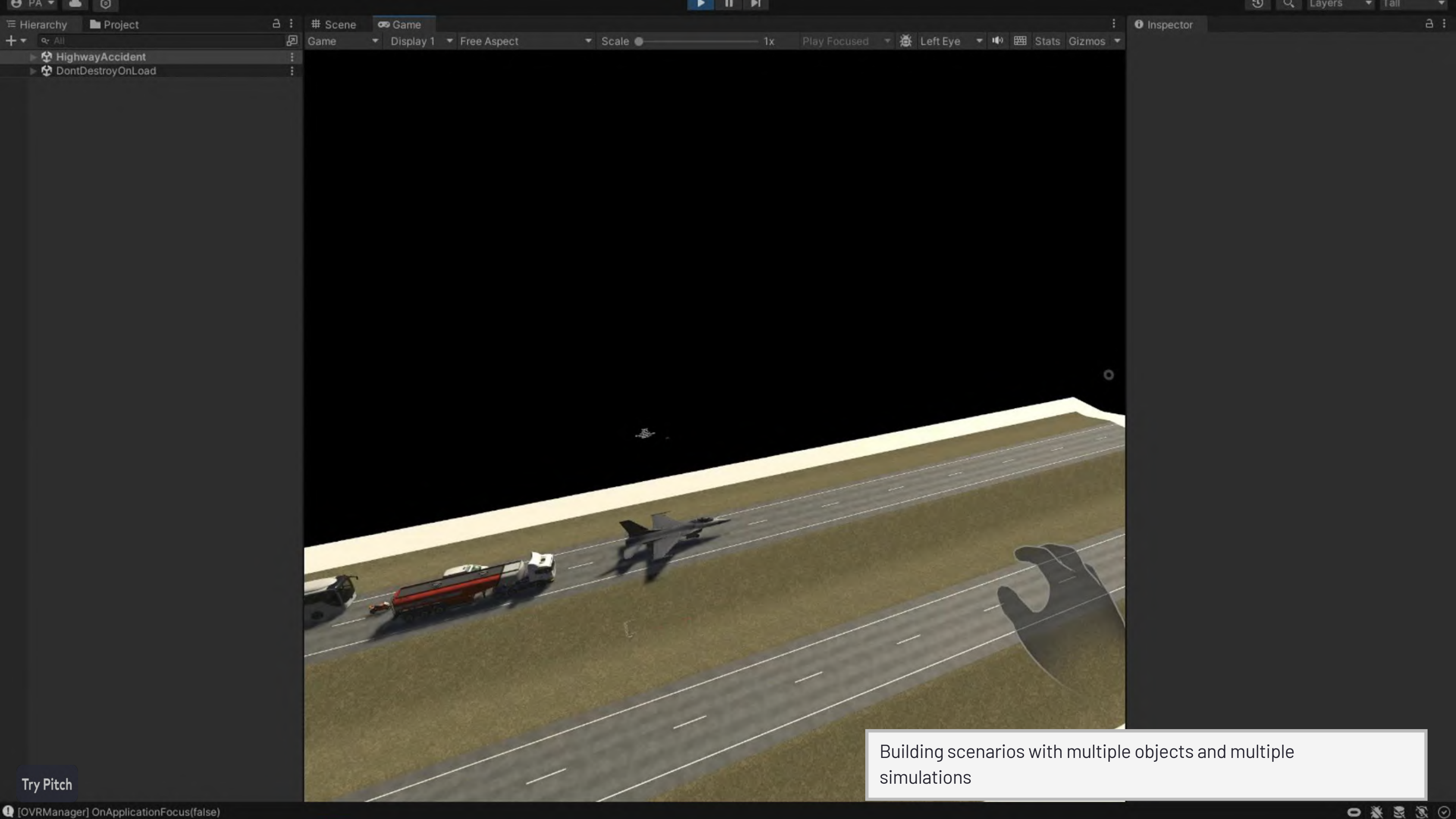
Benefits:

- Considerable cost-savings.
- Building versatile training scenarios for disabled war injury patients.
- Training for medical team operations in difficult conditions.
- The trainer can direct the events of the training situation in real time as the session unfolds.
- Reporting and post-training analysis.

The war injuries simulator was awarded FDF's Digital Deed of the Year award for 2023.

[LINK](#)





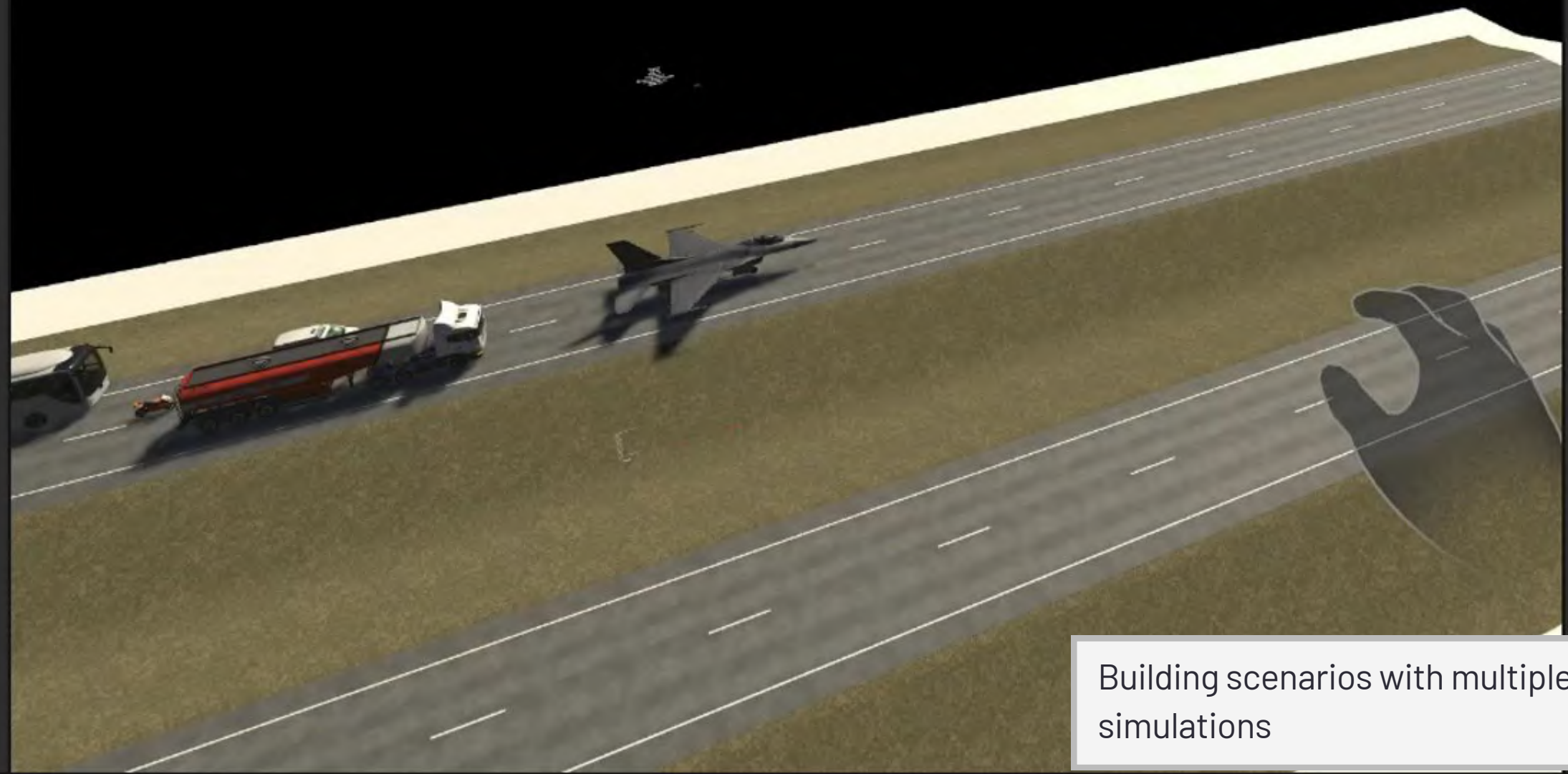
Hierarchy Project

Scene Game

Game Display 1 Free Aspect Scale 1x Play Focused Left Eye Stats Gizmos

- HighwayAccident
- DontDestroyOnLoad

Inspector



Building scenarios with multiple objects and multiple simulations

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[OVRManager] OnApplicationFocus(false)







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Modular patient



Meta Horizon

Hyperscape Preview

Meta Horizon Hyperscape Preview

Invite



Resume

Quit

Meta Horizon Hyperscape Preview



Modern scanning technology creates new possibilities for training and digital twins

Try Pitch

XR AND DIGITAL TWINS



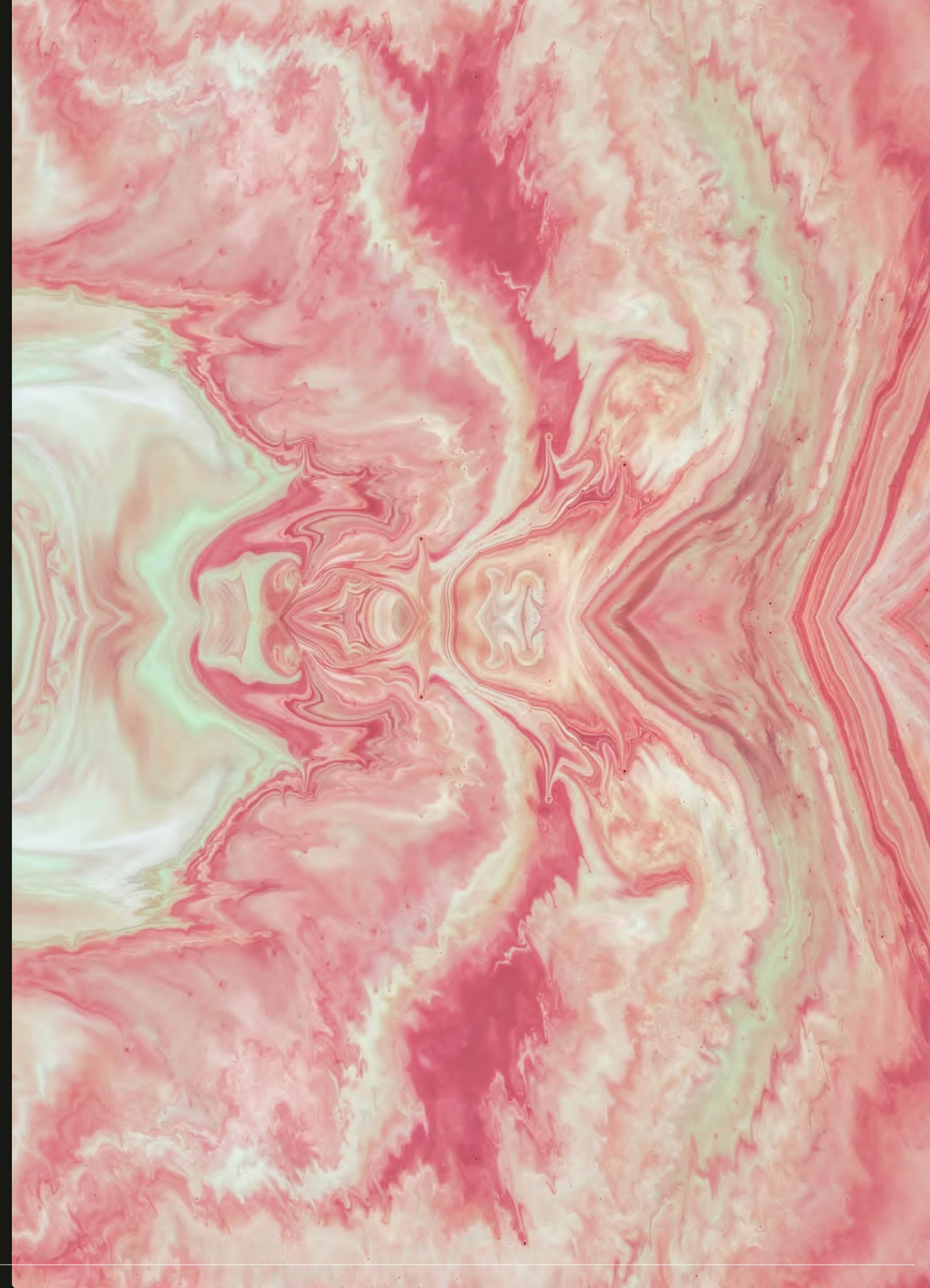
ŠKODA



NEXT STEPS

**CONNECTING VARIOUS REAL
TIME DATA TO TRAINING
SCENARIOS**

**ROOMSCALE
FACTORYSCALE
CITYSCALE**





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