



VERA

LA GEMELLA DIGITALE
DELL'EMILIA ROMAGNA



**Esperienze
internazionali
a confronto**



Tallinn Digital Twin Use Cases

Emilia-Romagna. Il futuro lo facciamo insieme.

Tallinn Digital Twin Application in Business Processes

- Remote sensing and monitoring
- Automated BIM-based detail zone plans
- Tallinn city model in action





Remote sensing and monitoring



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Mobile data capture laser scanning
and 360 deg images

Machine learning data insights

Frequent imaging with cameras
mounted on public transportation
and garbage trucks. Edge
computing

Data in information systems



DATA INSIGHTS

- Road surface condition
- Traffic signs and road markings
- City furniture
- Billboard tax
- City greenery







Automated BIM-based detail zone planning

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Kontrollitulemused
Ehitis 121387715

3118 317 247 4

09. Liftiga ühenduse tagatus, kui eluruum 4. korrusel või kõrgemal

§ 3. Nöuded ustele, akendele ja ligipääsetavusele (4)

Püstitatavas ehitises on eluruumi ja hoonesse sisepääsu vahel tagatud ühendus lifti abil, kui eluruum asub hoonesse sisepääsuga võrreldes neljandal korrusel või kõrgemal

🕒 Vaatan kõiki selle kontrolli tulemusi

Element 1
Eluruum nr. 59

Element 2
Eluruum nr. 51

Element 3
Eluruum nr. 52

Element 4
Eluruum nr. 53

Element 5
Eluruum nr. 54

Element 6

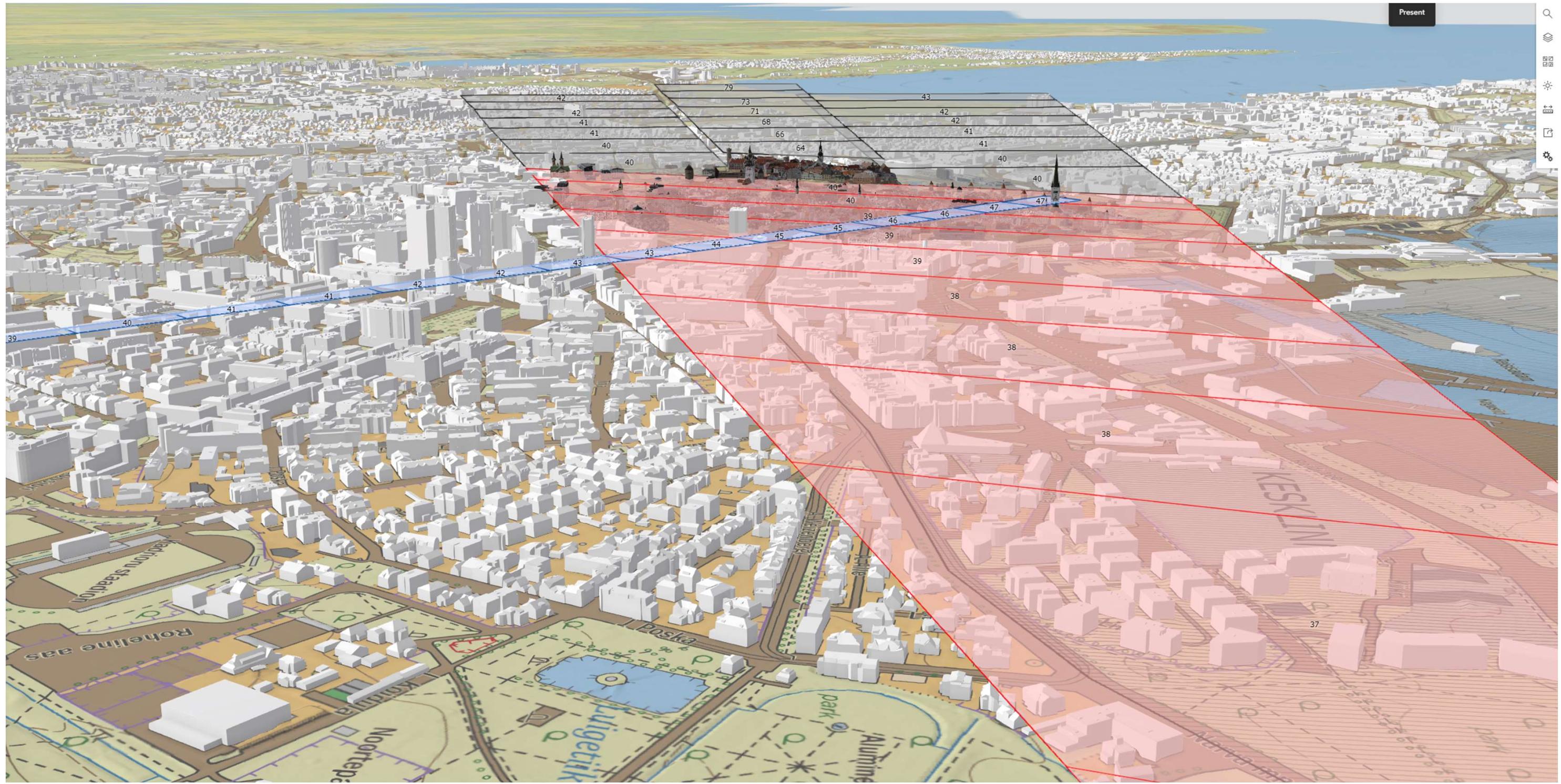
Status: Esitatud

The screenshot shows a 3D architectural model of a multi-story residential building. The building has several floors, each with multiple windows. A purple vertical column highlights a specific area, likely the lift shaft, and a green horizontal band highlights another area, possibly a window or a set of doors. The model is set against a background of a street and other buildings. On the left side of the screen, there is a sidebar with various icons and a list of inspection elements. The top of the sidebar shows 'Kontrollitulemused' and 'Ehitis 121387715'. Below this, there are three colored circles (green, yellow, red) with the numbers 3118, 317, and 247 respectively, followed by the number 4. The main list contains six items, each starting with 'Element' and a number (1-6), followed by the corresponding room number. The status 'Status: Esitatud' is shown at the top right. On the far right, there is a vertical toolbar with various icons for navigation and zooming.



Tallinn 3D city model in action

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Grazie dell'attenzione

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