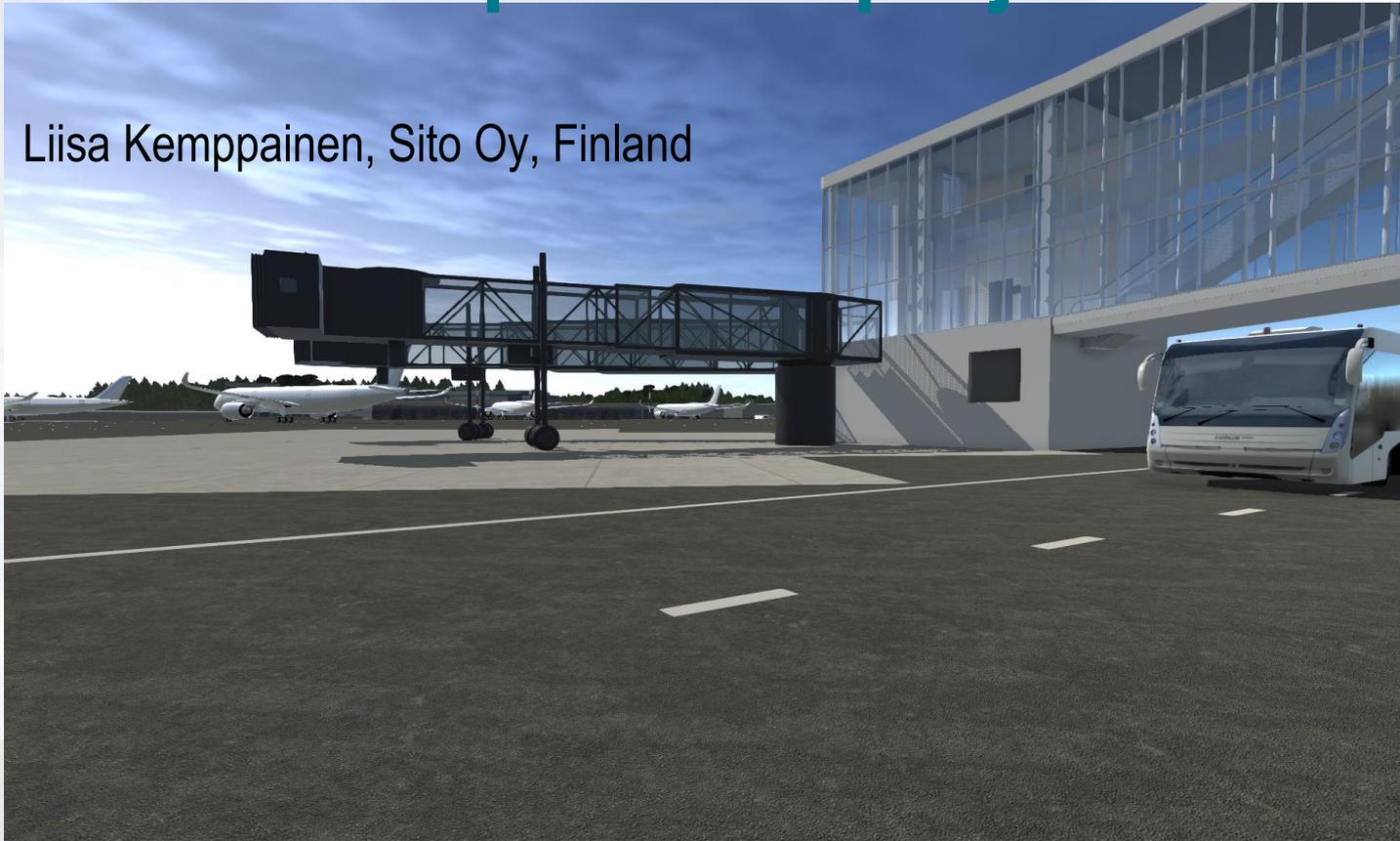


Helsinki Airport BIM project

Liisa Kemppainen, Sito Oy, Finland



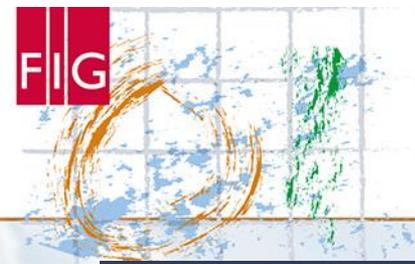


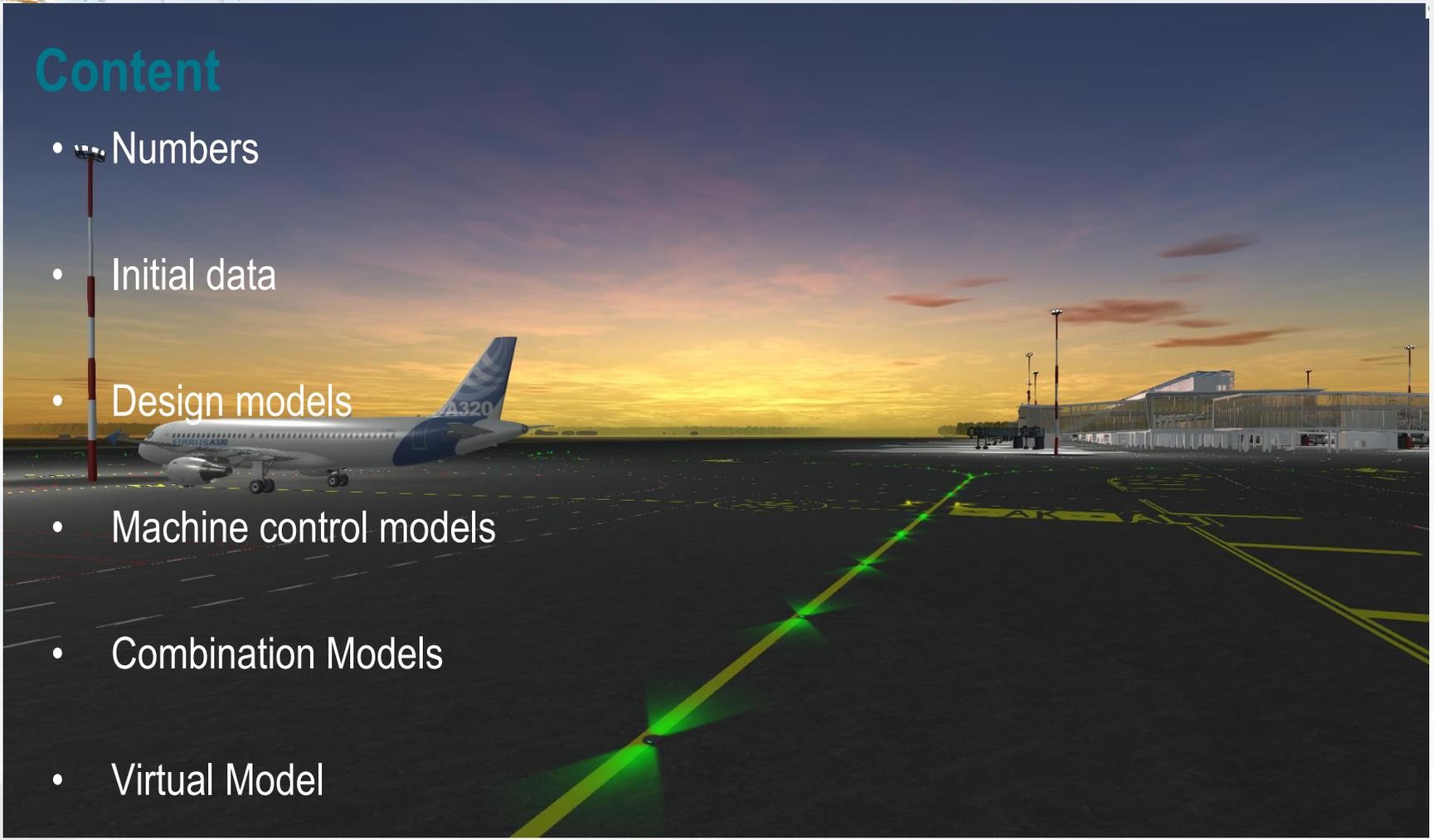
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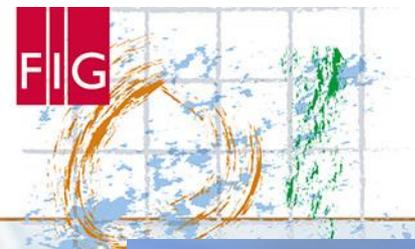
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Helsinki Finland Sunday 28 May 2017

Content

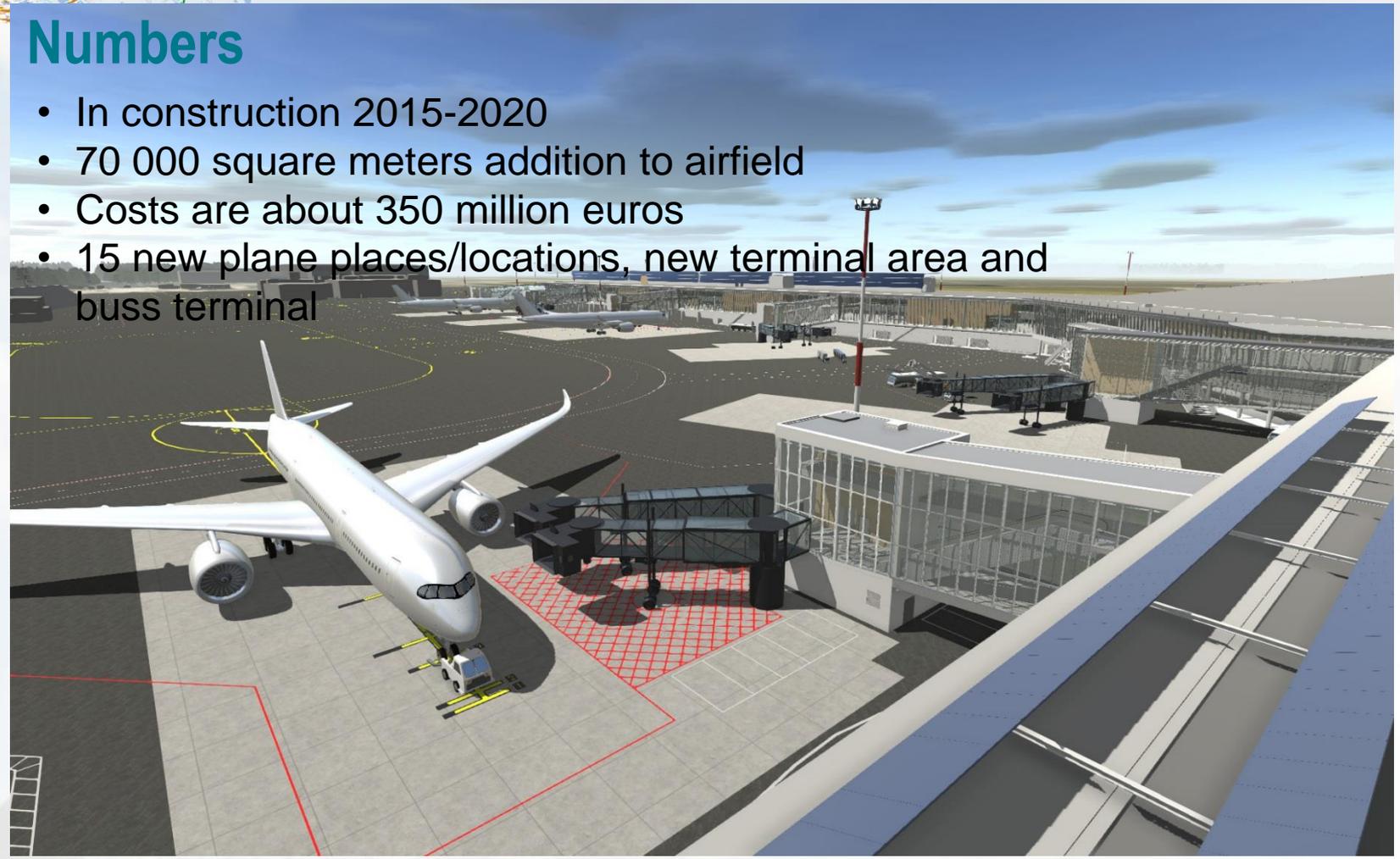
- Numbers
- Initial data
- Design models
- Machine control models
- Combination Models
- Virtual Model





Numbers

- In construction 2015-2020
- 70 000 square meters addition to airfield
- Costs are about 350 million euros
- 15 new plane places/locations, new terminal area and buss terminal



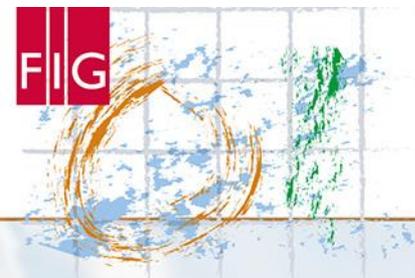
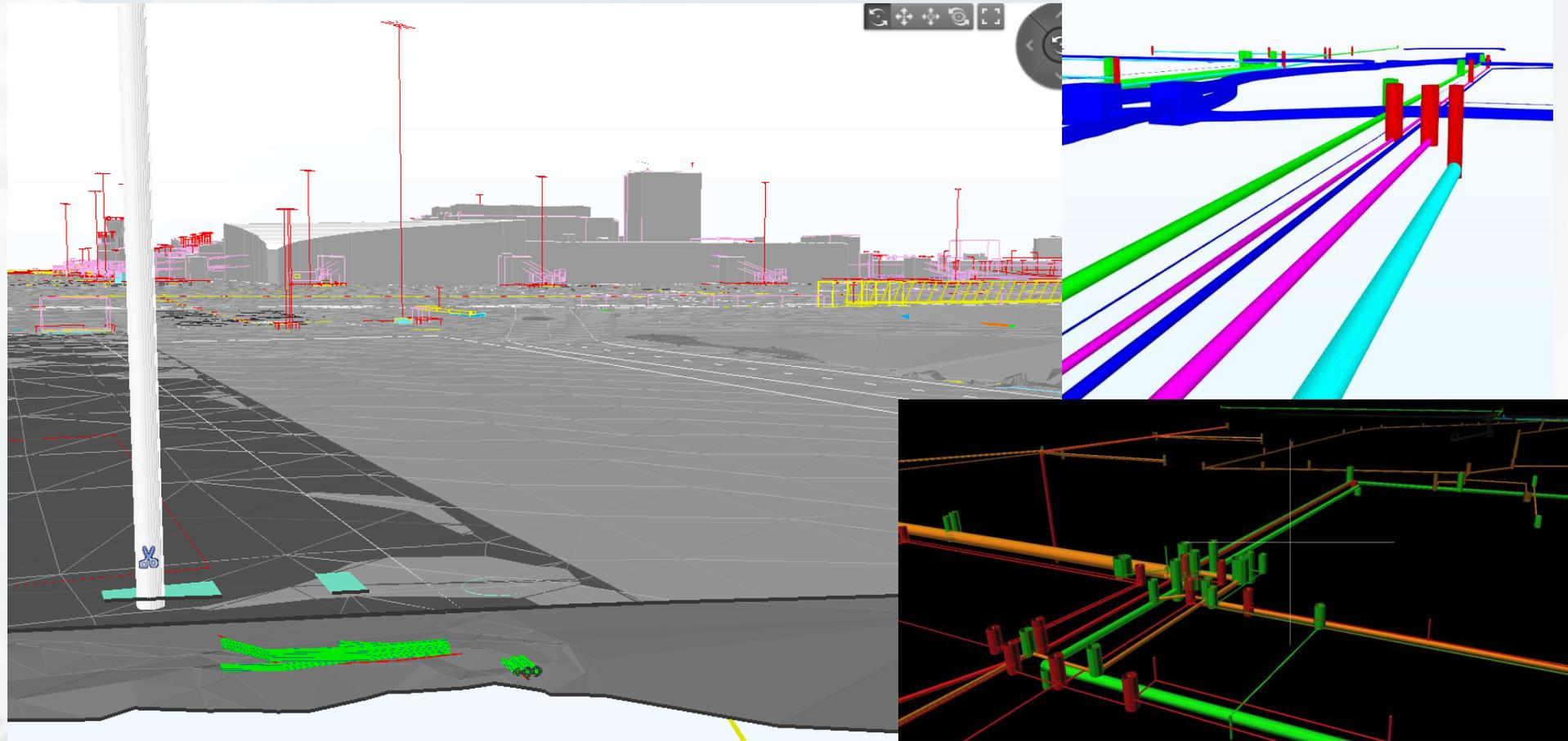


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Initial data



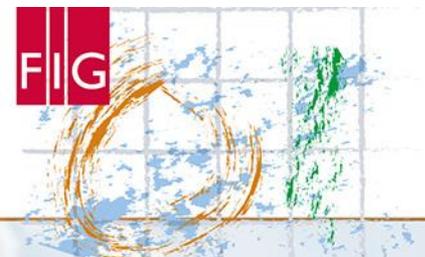


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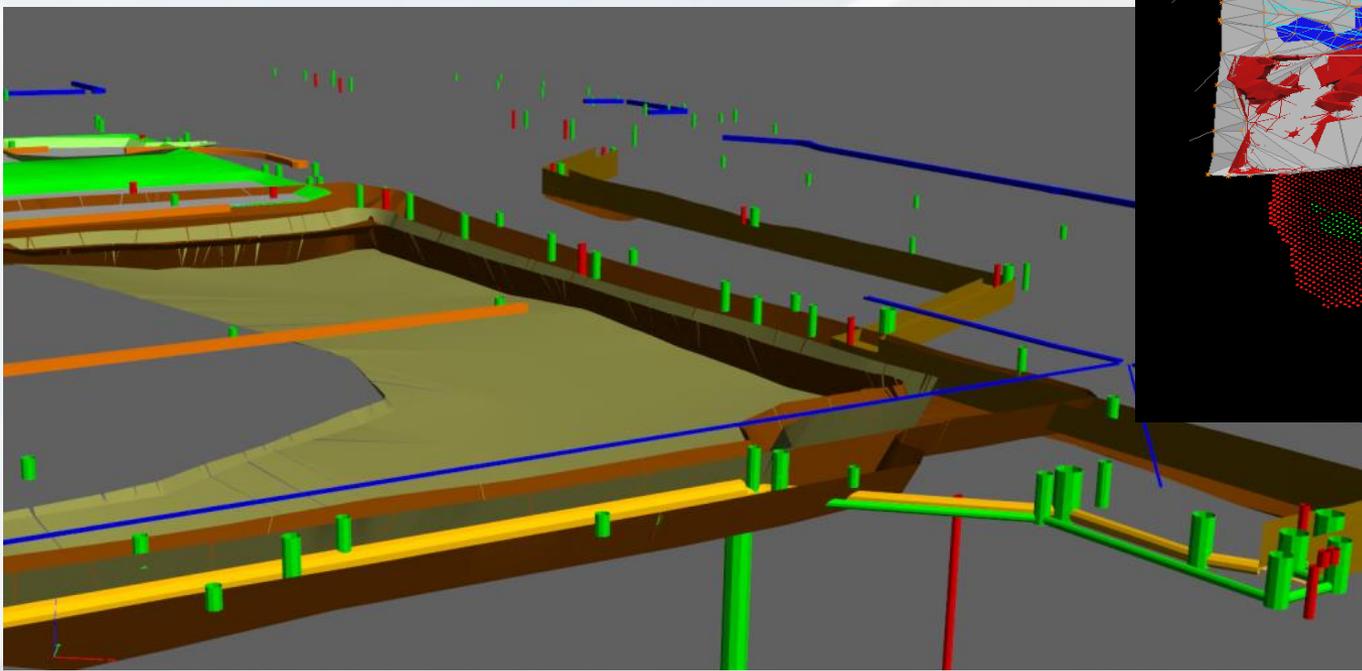
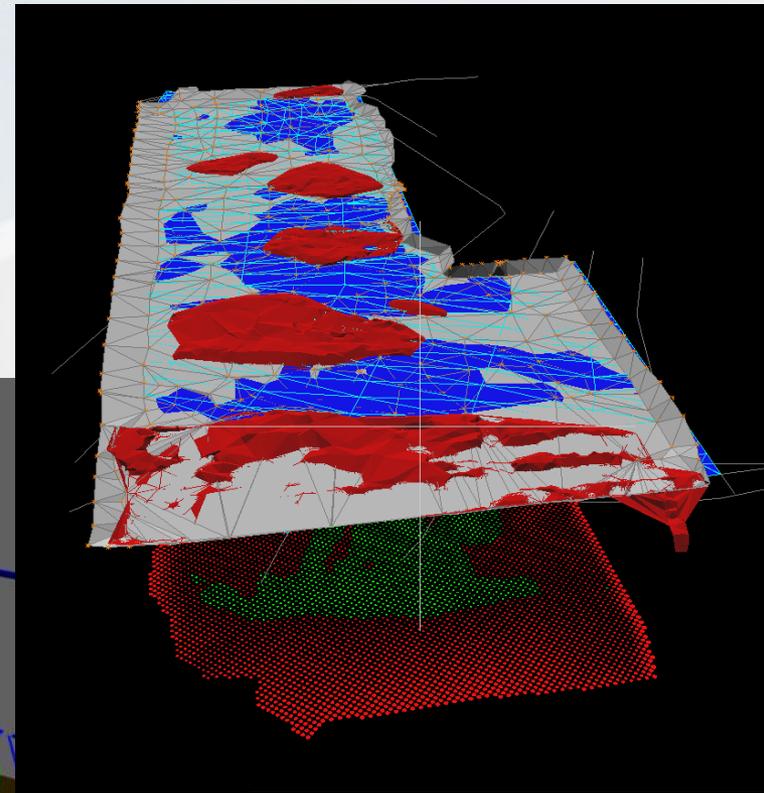
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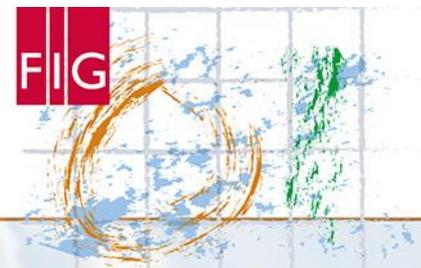
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Design Models

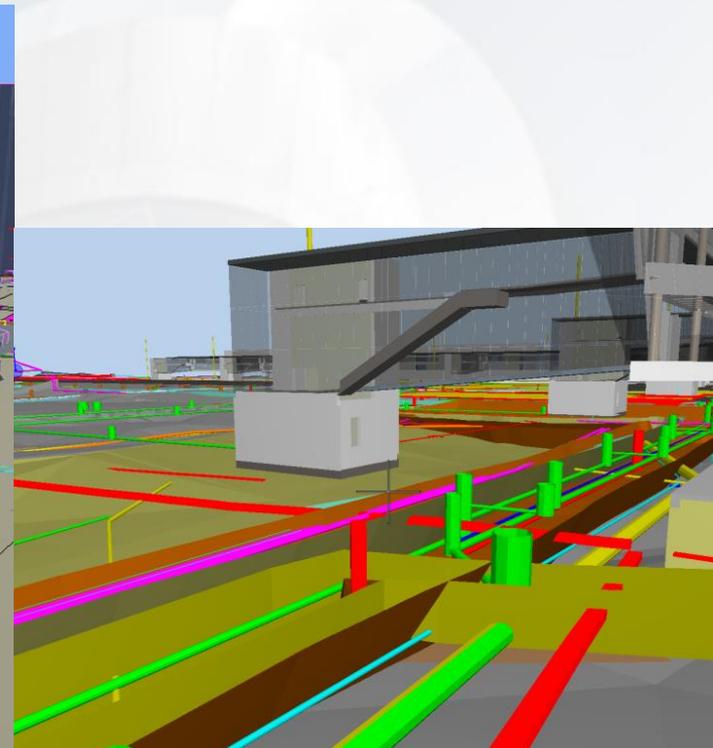
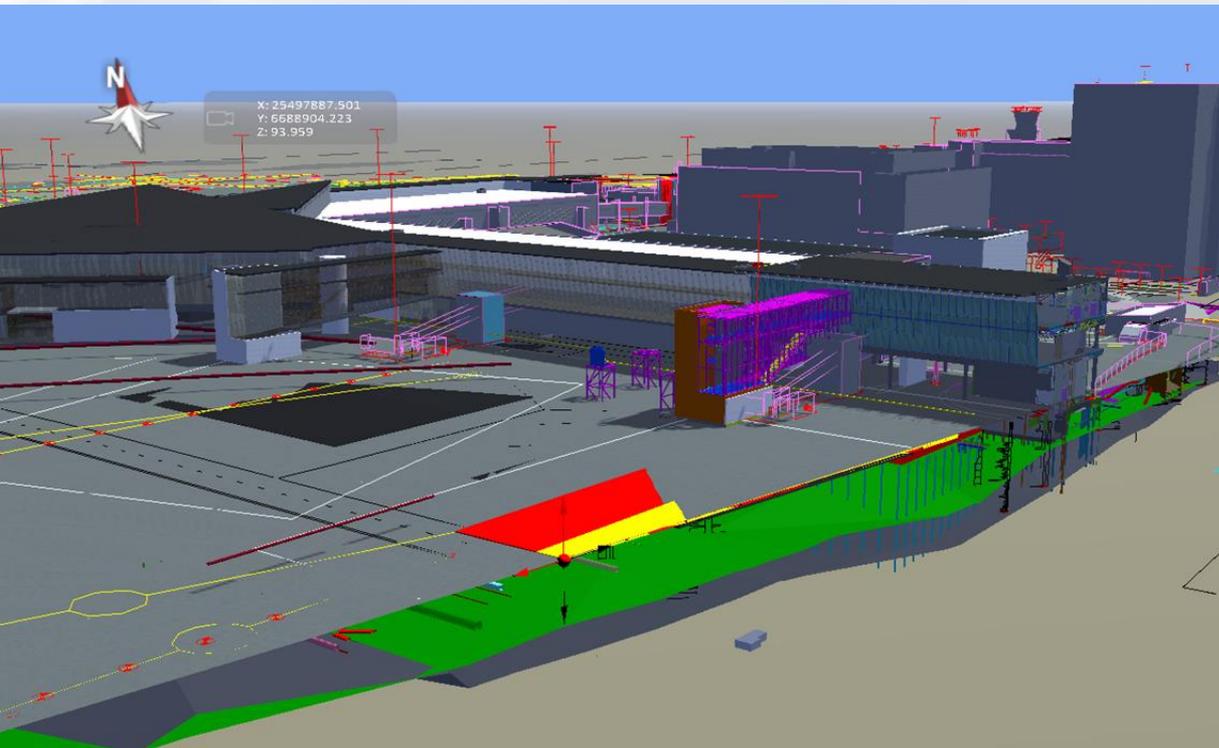
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- HKVLK_001D_LV160-M_HKN2K.ifc
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Combination models; terminal + infrastructure



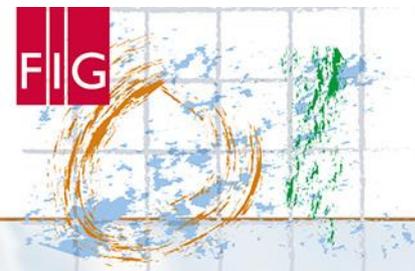
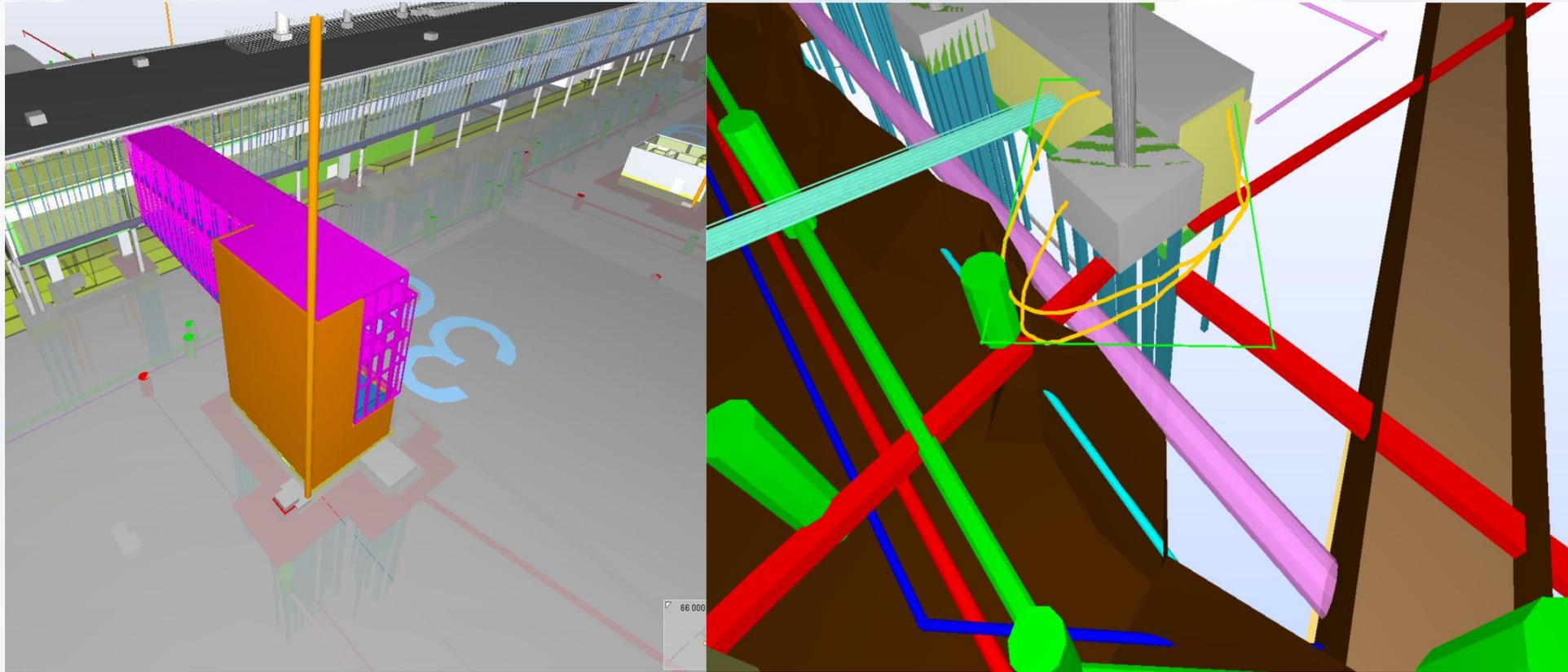


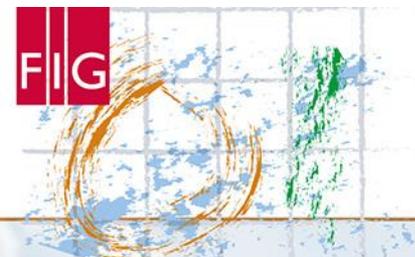
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Combination models; terminal + infrastructure





Machine control model

Project Options Settings Operations

X:6688956.07
Y:25498098.00
Z:43.33

Terrain Point Line DTM+Line GPS Log

dZ 1.32 dZI 0.42 dSI 0.10 0

Putki- ja johtokavanto [127] 473756



FIG

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Virtual model





FIG

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Thank you!

