



Decide better.

DIGITAL URBAN EUROPEAN TWINS

Jurgen Silence, Digital Flanders
Flemish Government





H2020 EU Project

December 2019 - november 2022

15 Partners - 6 countries

4,5 M€

Coordination : Digital Flanders

GOAL - DT for local policy making

3 pilots

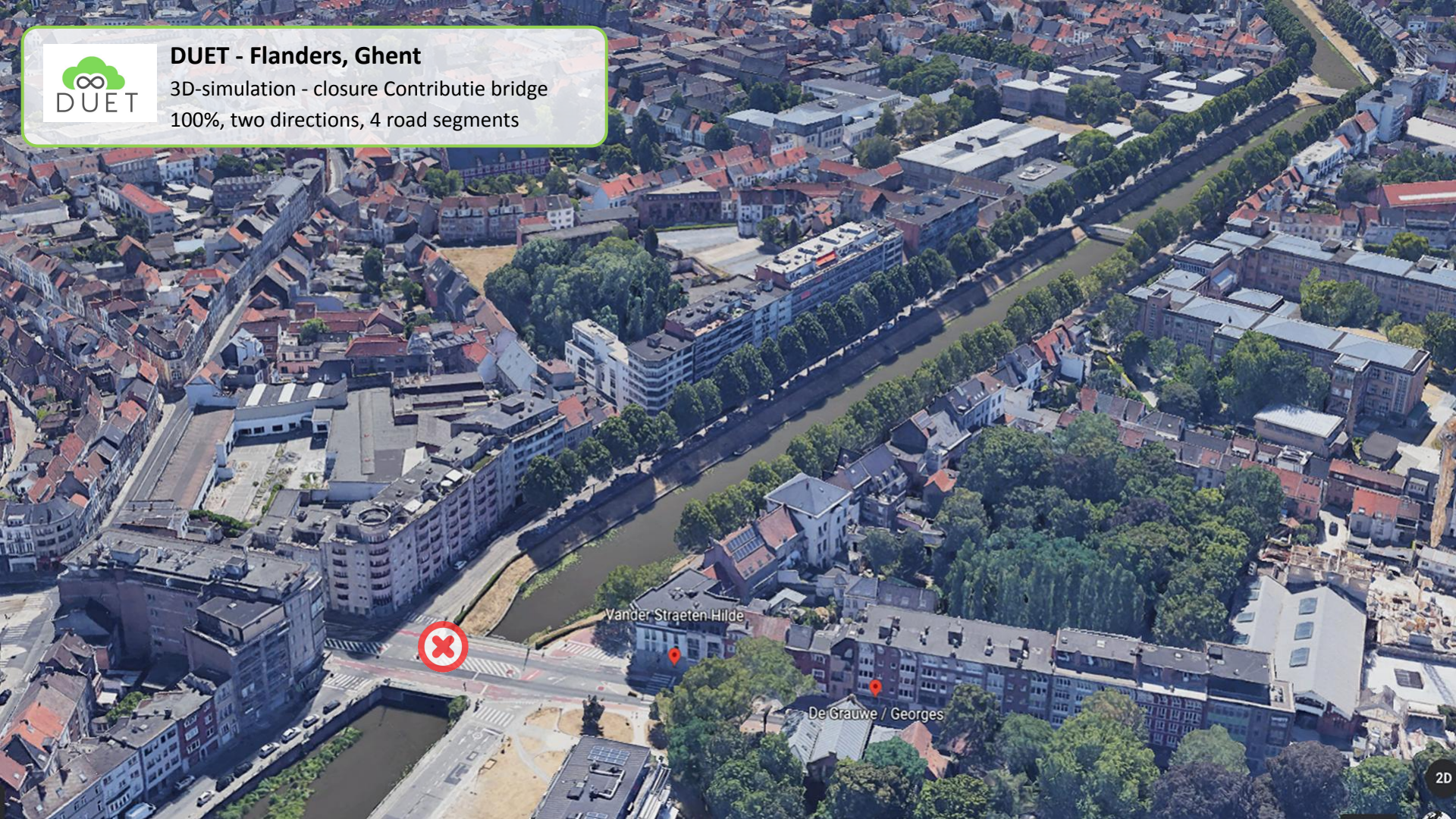
Ghent, road works



DUET - Flanders, Ghent

3D-simulation - closure Contributie bridge

100%, two directions, 4 road segments

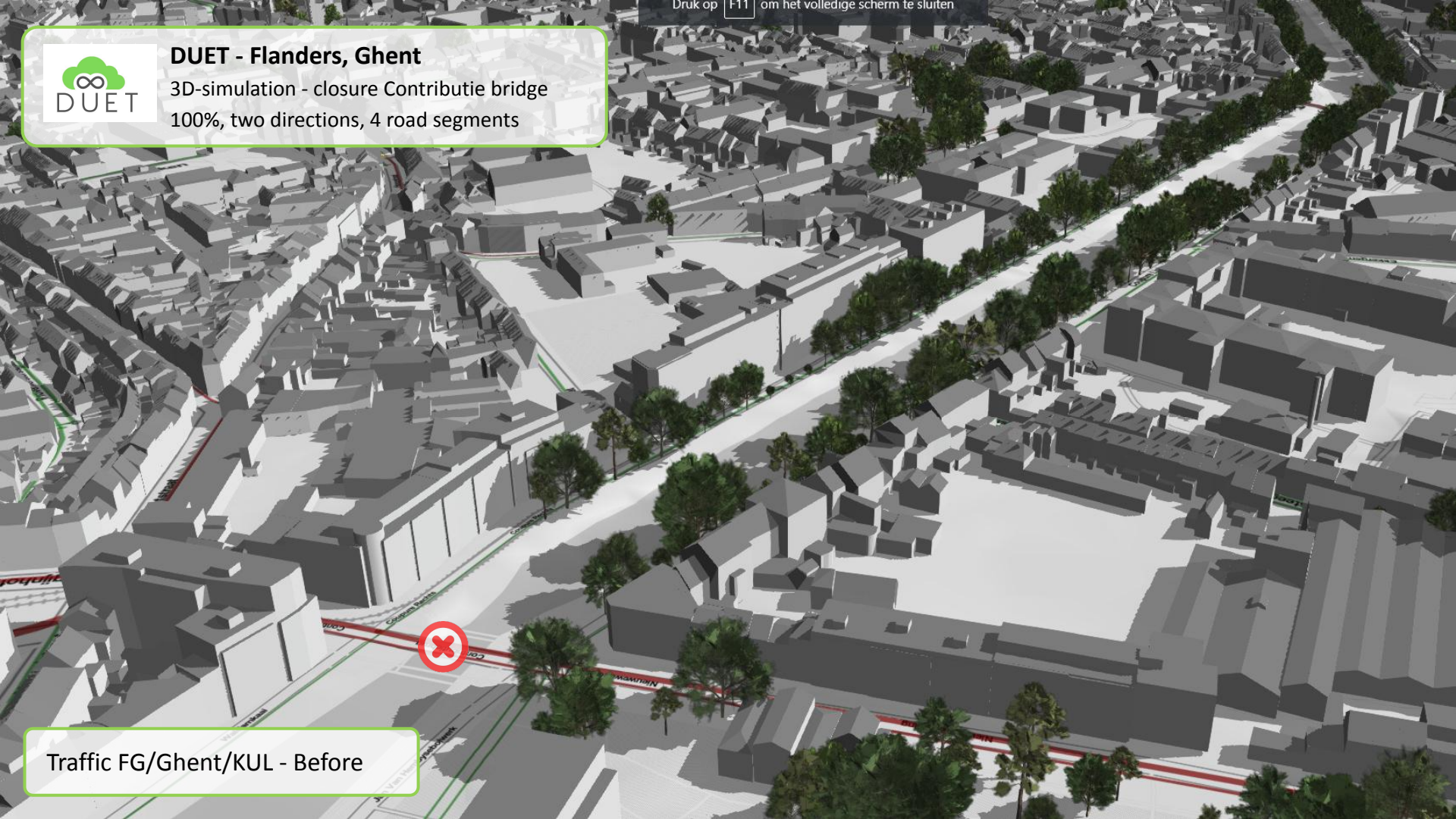




DUET - Flanders, Ghent

3D-simulation - closure Contributie bridge

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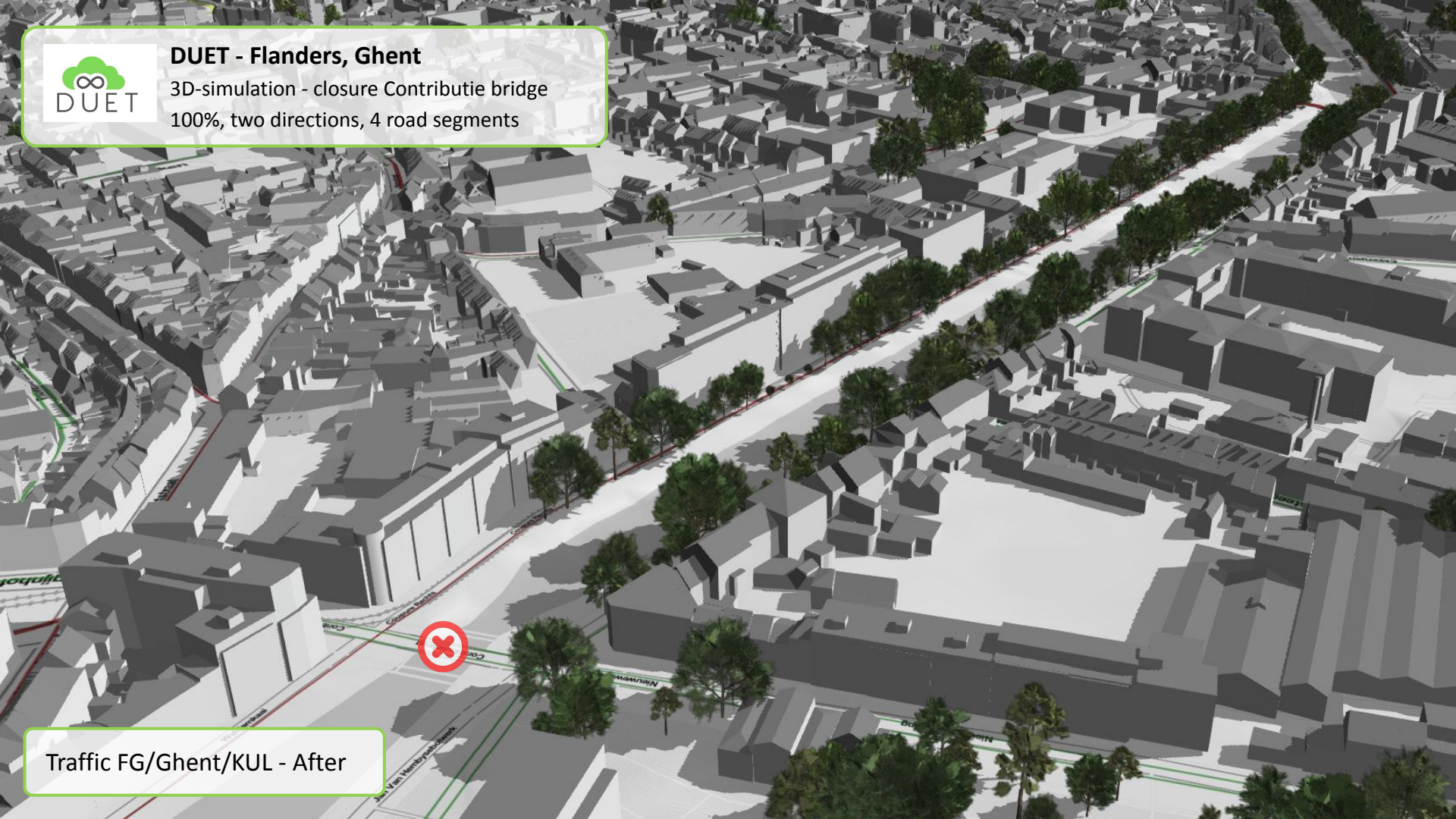
Traffic FG/Ghent/KUL - Before



DUET - Flanders, Ghent

3D-simulation - closure Contributie bridge

100%, two directions, 4 road segments



Traffic FG/Ghent/KUL - After






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100%, two directions, 4 road segments

Traffic VO/Ghent/KUL - Delta

-  Strong decrease
-  Modest decrease
-  Modest increase
-  Strong increase



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3D-simulation - closure Contributie bridge

100%, two directions, 4 road segments



Air quality TNO NO₂ - Before



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Air quality TNO NO₂ - After







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Air quality TNO NO₂ - Delta

-  Strong decrease
-  Modest decrease
-  Modest increase
-  Strong increase





DUET - Flanders, Ghent

3D-simulation - closure Contributie bridge

100%, two directions, 4 road segments



Noise TNO - Before



DUET - Flanders, Ghent

3D-simulation - closure Contributie bridge

100%, two directions, 4 road segments



Noise TNO - After







DUET - Flanders, Ghent

3D-simulation - closure Contributie bridge

100%, two directions, 4 road segments

Noise TNO - Delta

-  Strong decrease
-  Modest decrease
-  Modest increase
-  Strong increase

