

kadaster



Digital Twin narrative at the Kadaster

21 januari 2022

Marcel Reuvers

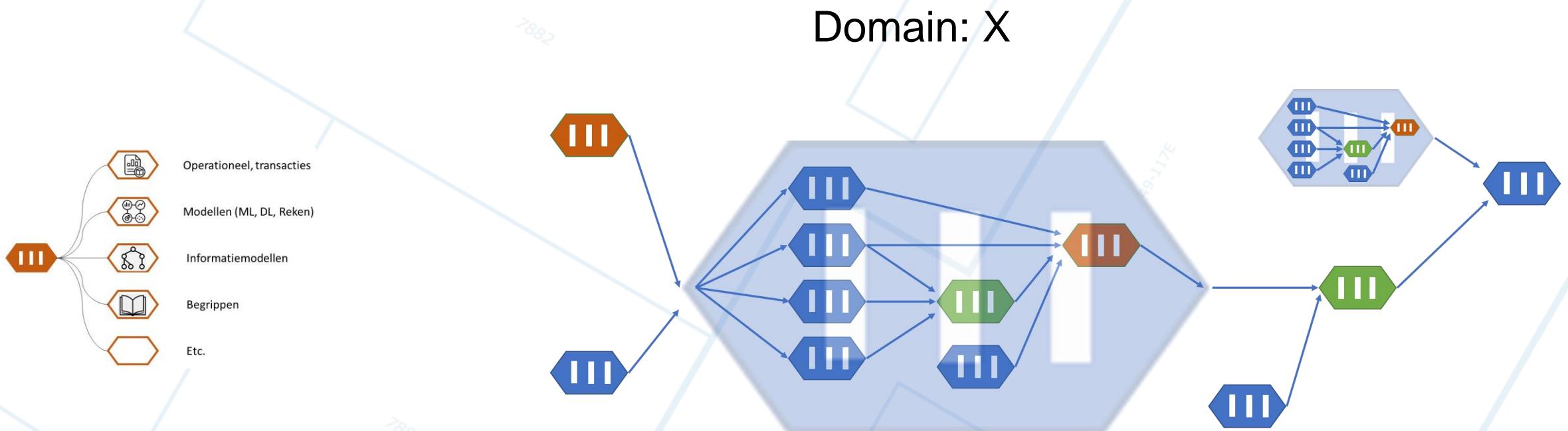
Digital Twins

- Is it different than we did in earlier days like?
 - SDI
 - Inspire
 - 3D models
- What's different: sectoral solutions are not enough
- But in a way it's a buzzword

and lets be thankful for that ☺

How we see Digital Twins

- Like a data mesh



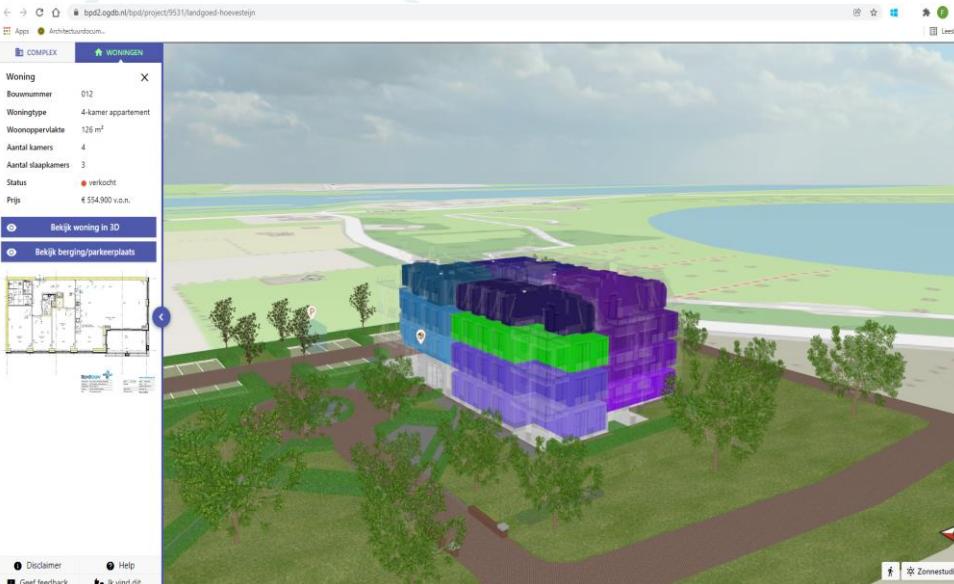
Data products Kadaster as building block for DTs

- Large scale Topography
- Small and midscale topography
- Aerial photos
- Addresses and buildings
- Data on property and the rights involved
- Cables and pipes
- Spatial zoning destinations plans
- 3D Netherlands
- PDOK > 100

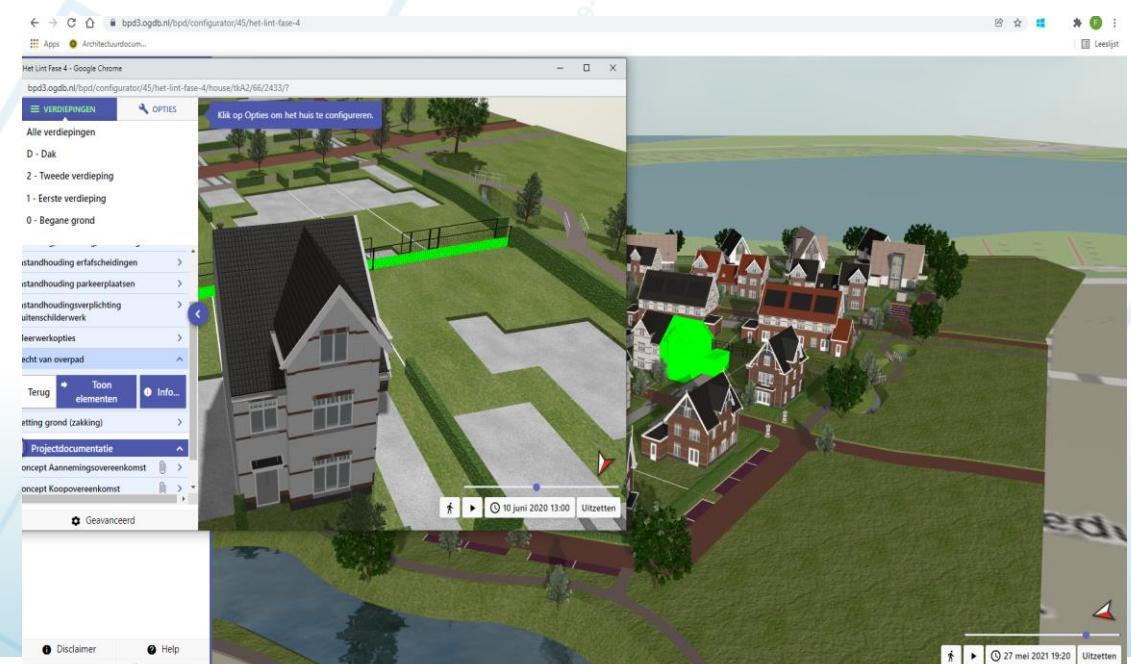


BIM Legal – a DT use case?

<https://bpd2.ogdb.nl/bpd/project/9531/landgoed-hoevesteijn>

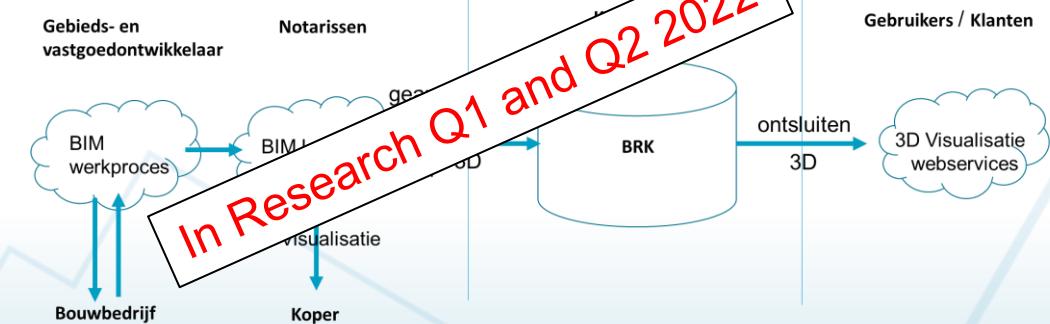


<https://bpd3.ogdb.nl/bpd/configurator/45/het-lint-fase-4>



BIM Legal

- Notariat is making use of BIM
- By adding notarial rules to the BIM model
- The notarial deed can be generated and shall be input to the Land registration



Our roles

- Co-developer and managing parts of the foundation for DTs
- User of the DT as registration holder
- Projects and advice in which we, together with others, work on digital twins for certain social themes

