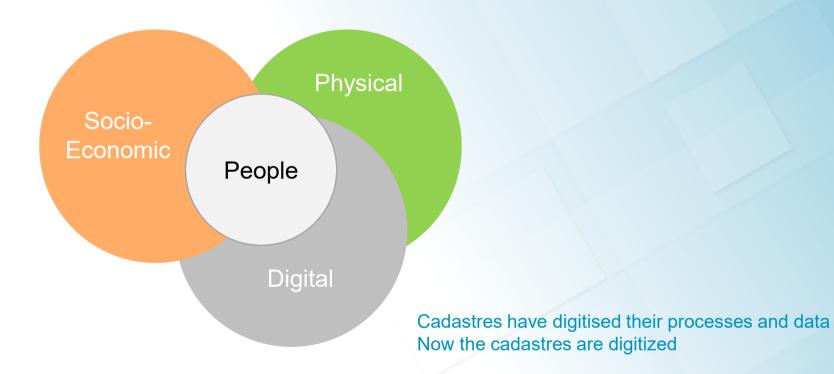


Common Vision Conference "Tradition meets Innovation" Vienna, Austria, October 5-6, 2017

kadaster

The Netherlands

View of the world



The impact of digitization

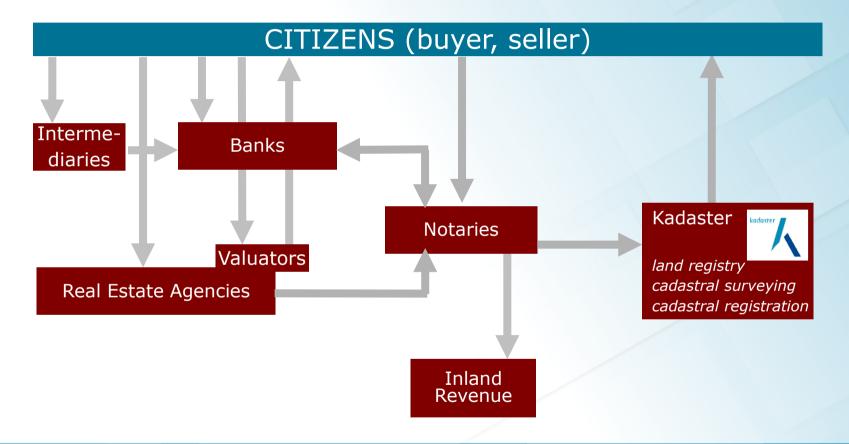
We go forward looking in the rearview mirror.

quote of Marshall McLuhan

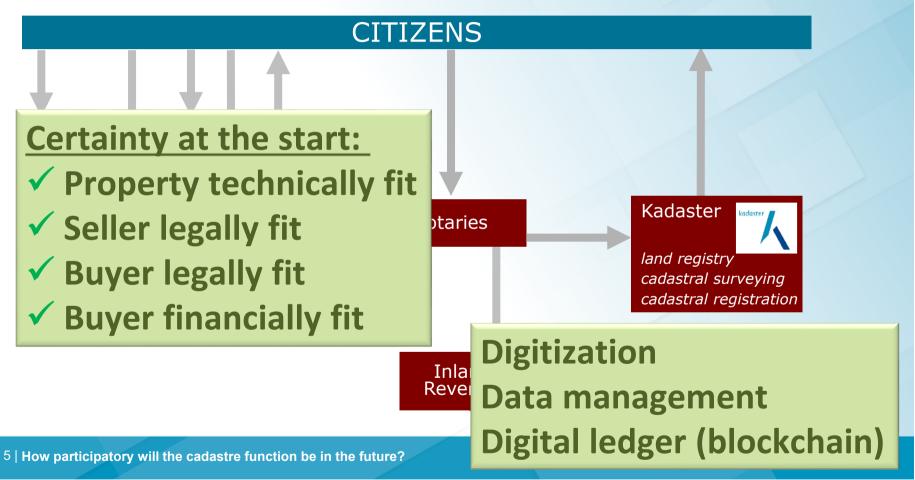
We have digitized all the separate steps in the cadastral function So have all others parties in the land market Looking back and predicting forward no longer presents us the future

So what will the future look like and how participatory will it be?

Real estate transaction chain in the Netherlands







Personal and object information

GDPR (general data protection regulation): privacy



How do we organise

- Personal Data Management
- Object Data Management

Intelligent objects



View of the real estate agent

sell your own house



Participatory or do-it-yourself?

Securing your loan



Notary self service preparing your deed of conveyance

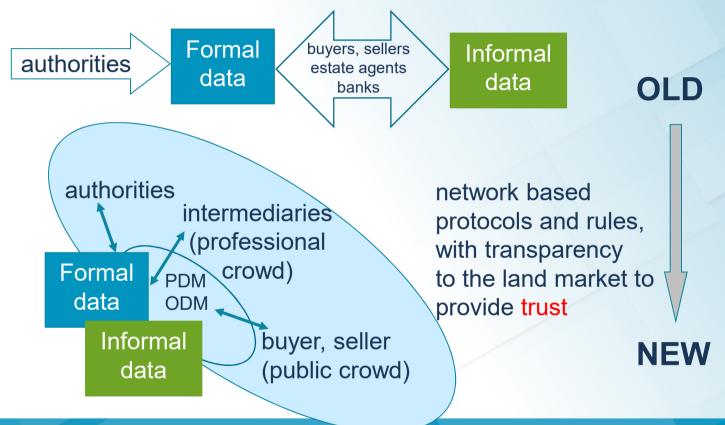


Observations

- All parties in the land market allow some form of do-it-yourself;
 but still limit this process to their own domain
- This approach does not solve the demand for overall certainty at the start
- All data and documents are available digitally and are shared under existing protocols
- Personal data and object management are not in place

What about the next step, looking forward?

All parties become participatory wrt data



Example: preliminary boundaries

Notaries draw preliminary cadastral boundaries *professional crowd*

The cadastral surveyor verifies and measures the boundary after transfer of the property

Example of a participatory approach



Real participation in practice

(voluntary) land reallotment



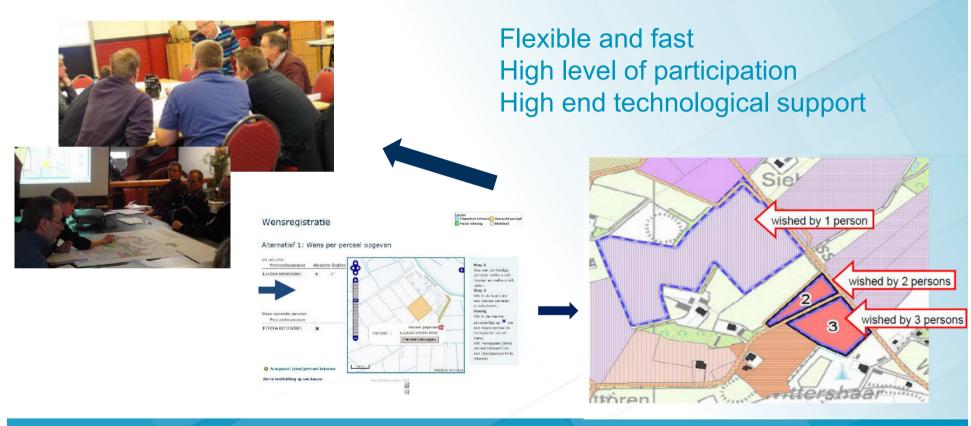
Urban areas

Rural areas





Co-creation in reallotment



Concluding Remarks

- All parties are digitally enabled
- Redesign transaction chain to a transaction network to make it more flexible and faster from the start
- Set up operating rules for the network including PDM and ODM with clear data-sharing principles while maintaining transparency in the land market
- Learn from participative examples, where parties can serve their interests under rules of engagement and law