

Presented at the FIG e-Working Week 2021,
21-25 June 2021 in Virtually in the Netherlands

SMART SURVEYORS FOR LAND AND WATER MANAGEMENT CHALLENGES IN A NEW REALITY



eWORKING WEEK 2021
20-25 JUNE

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10894

A Generic Tool for Land Consolidation — The concept implemented

24 June 2021, 9:00 AM

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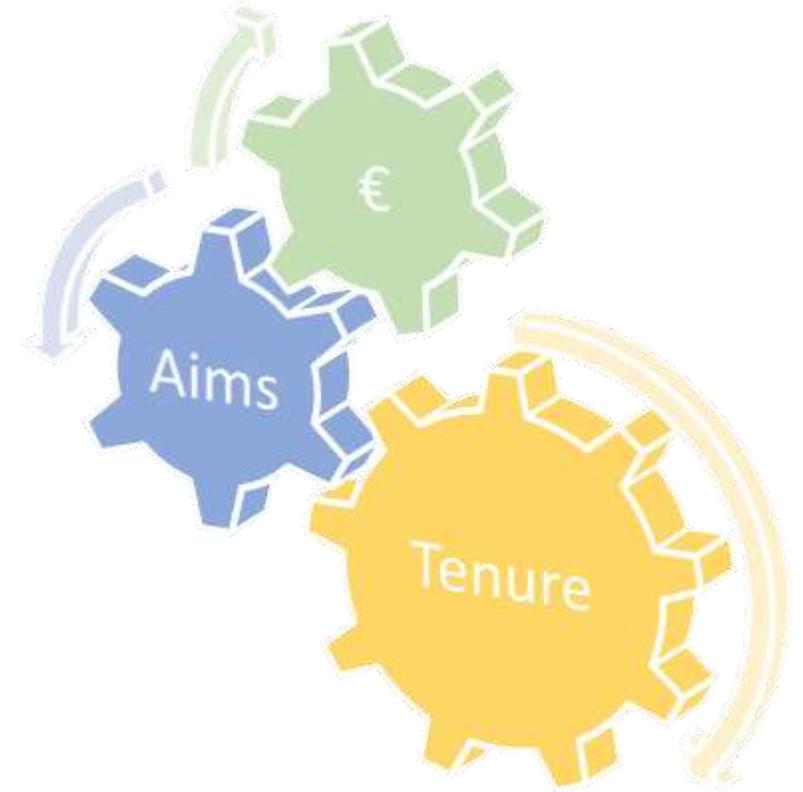
Why a generic tool?

- Key elements of land consolidation are the same
- Develop once, use multiple times
- Share maintenance costs
- No need to start from scratch
- No need to re-invent the wheel

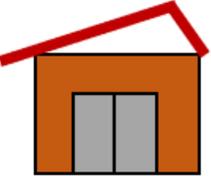
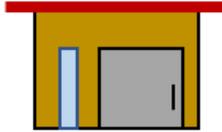
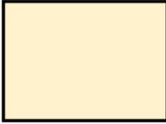
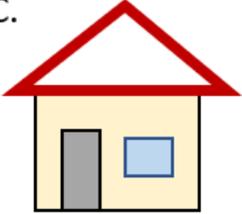


The principle:

Use modules to configure
the generic tool
according to the local needs



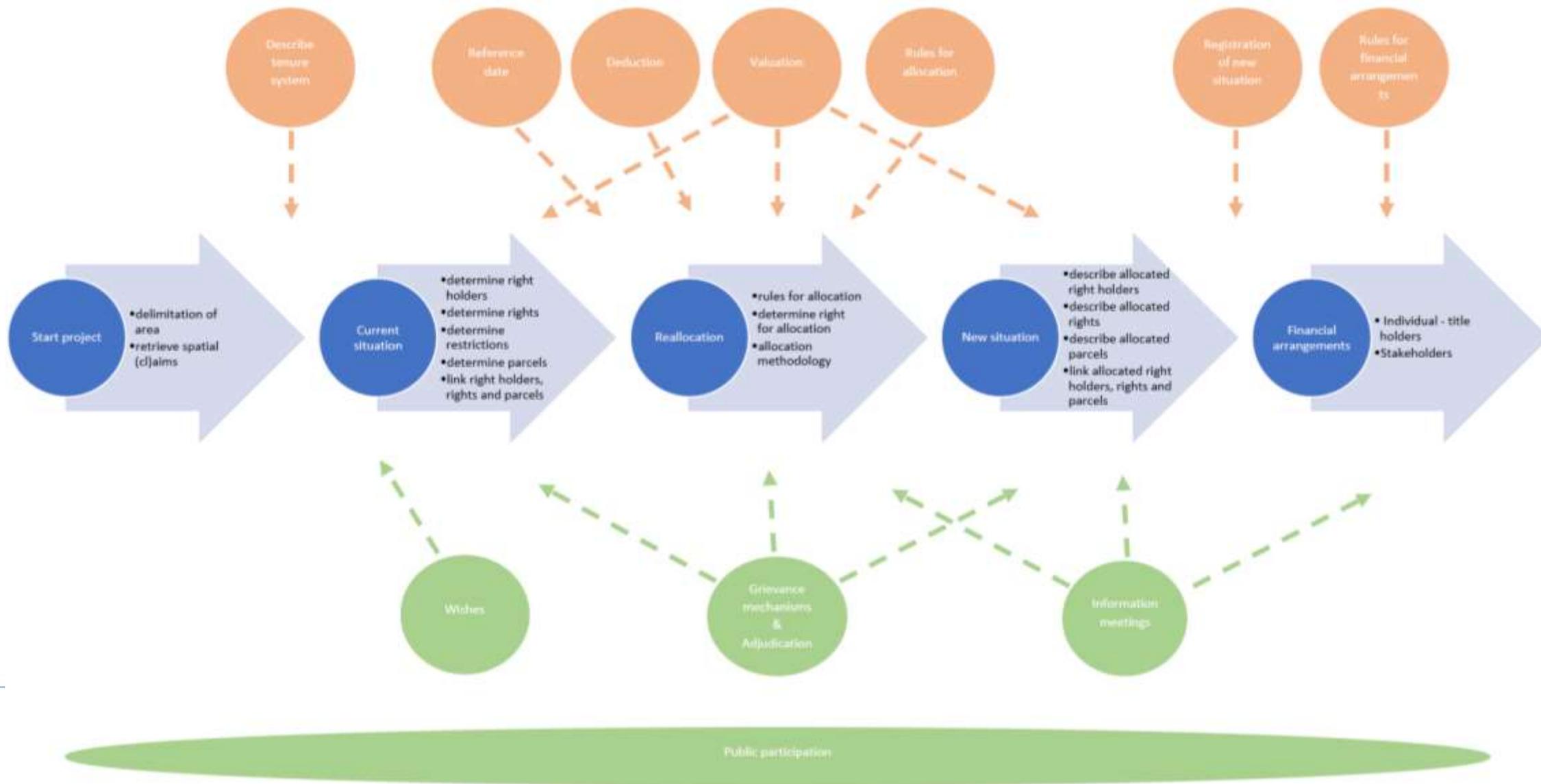


Material	Window	Roof	Door	House
Bricks 	No Window	Pointy 	Sliding 	A. 
Wood 	Single window 	Flat 	Single 	B. 
Concrete 	High window 	Asymmetric 	Double 	C. 

Configurability:

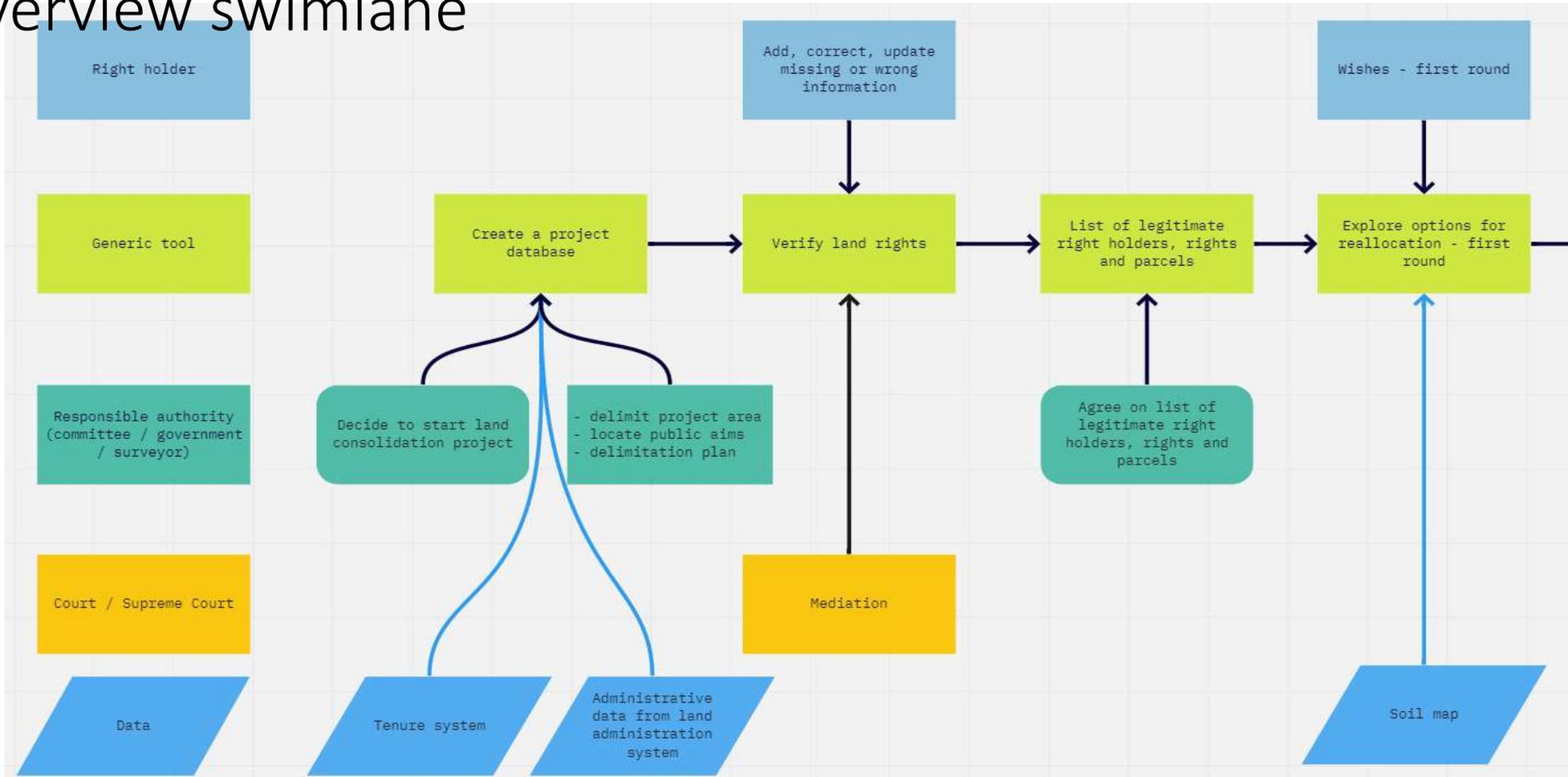
- Select appropriate features / modules
- Adjust individual features
- Define order of features (swimlanes)

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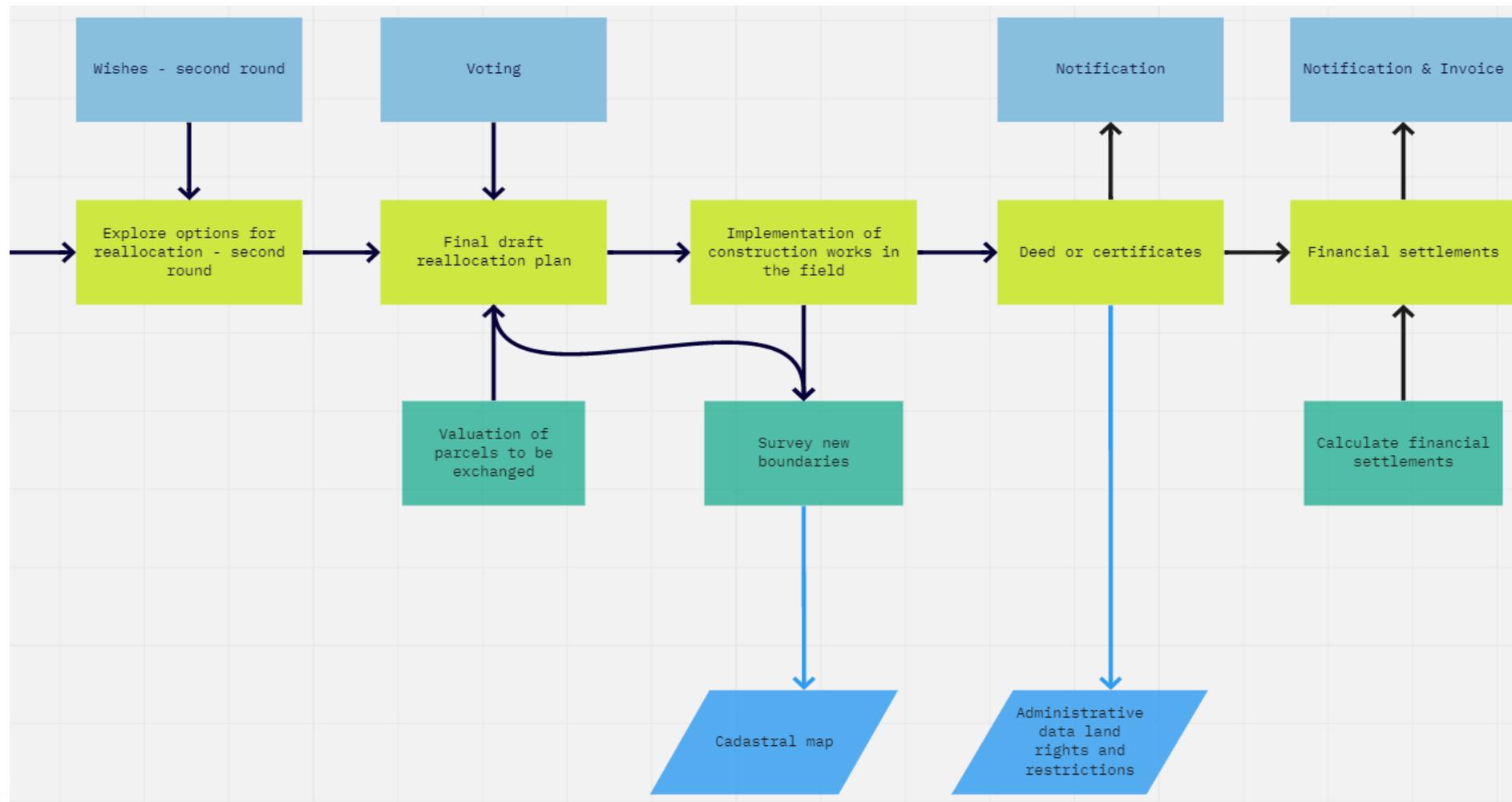




Overview swimlane

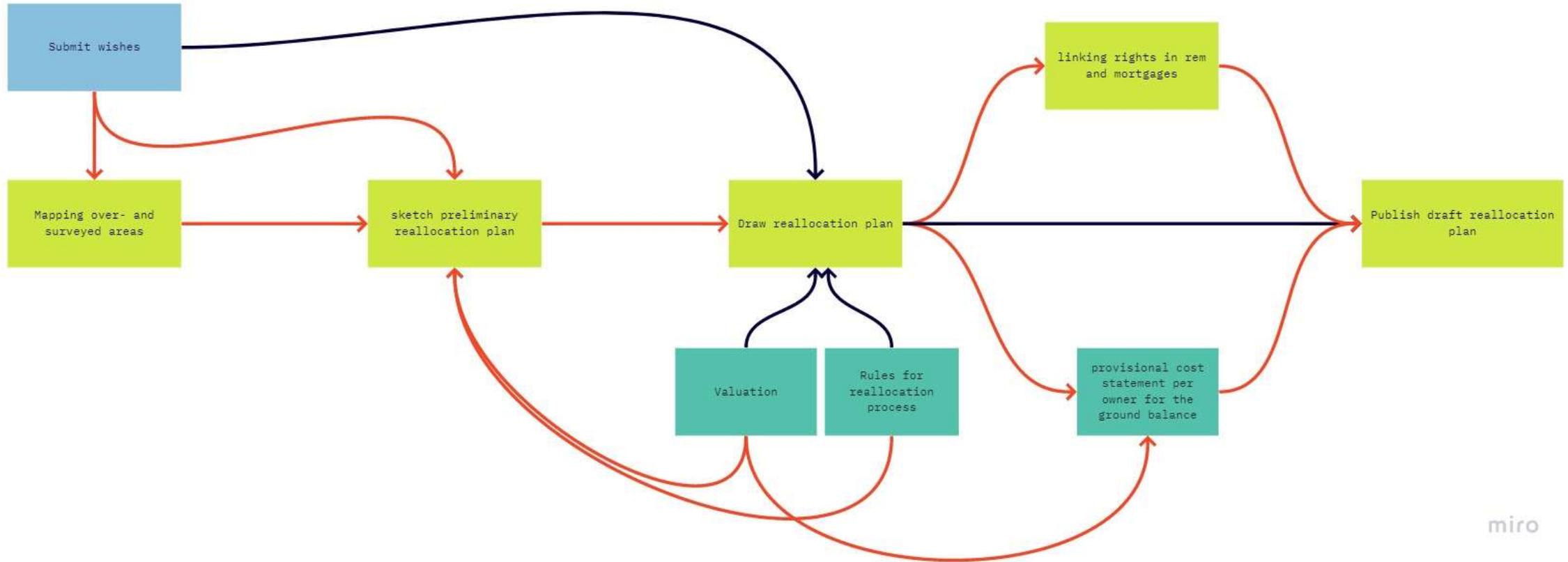


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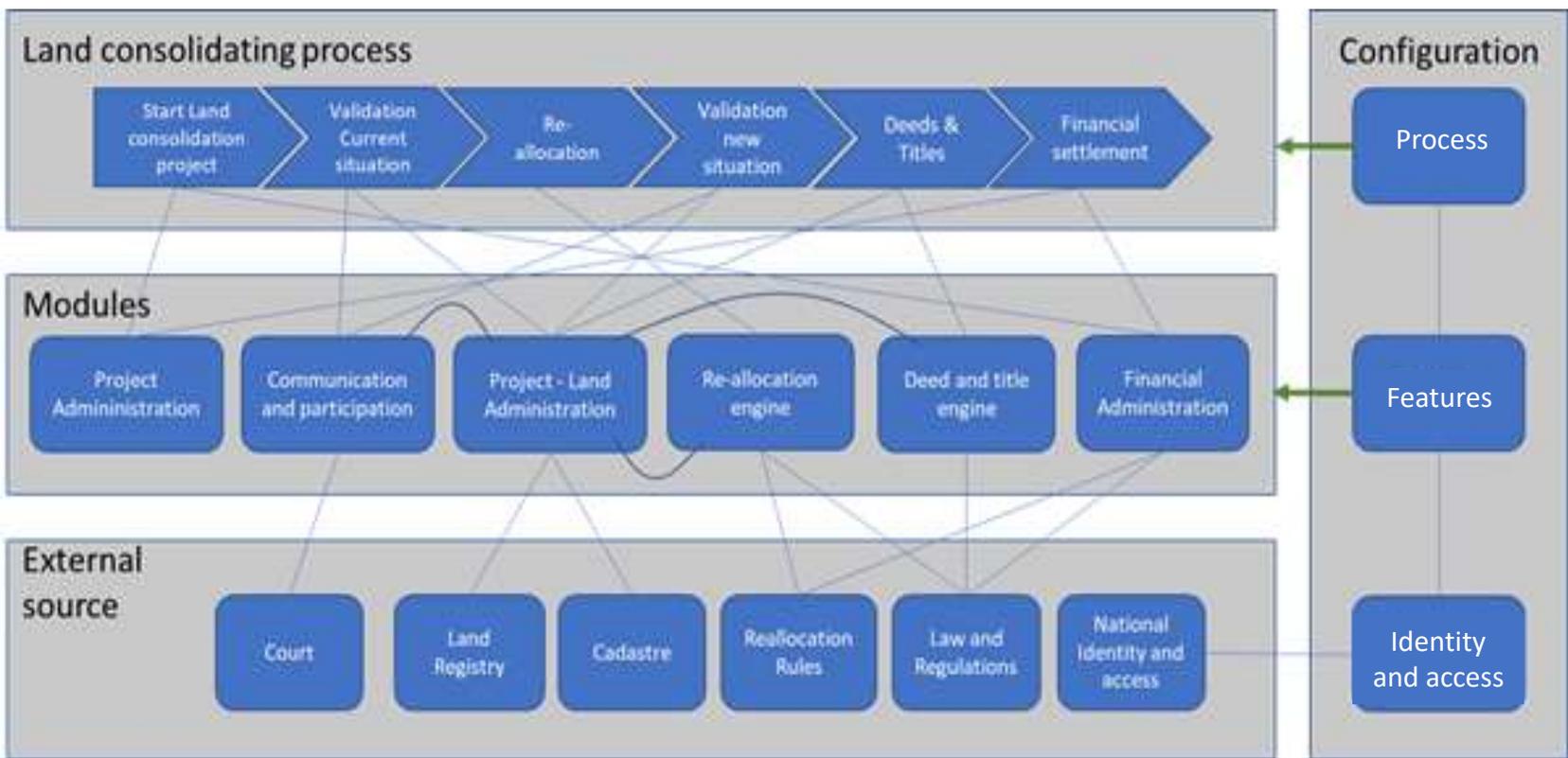
Detail drawing reallocation plan



miro

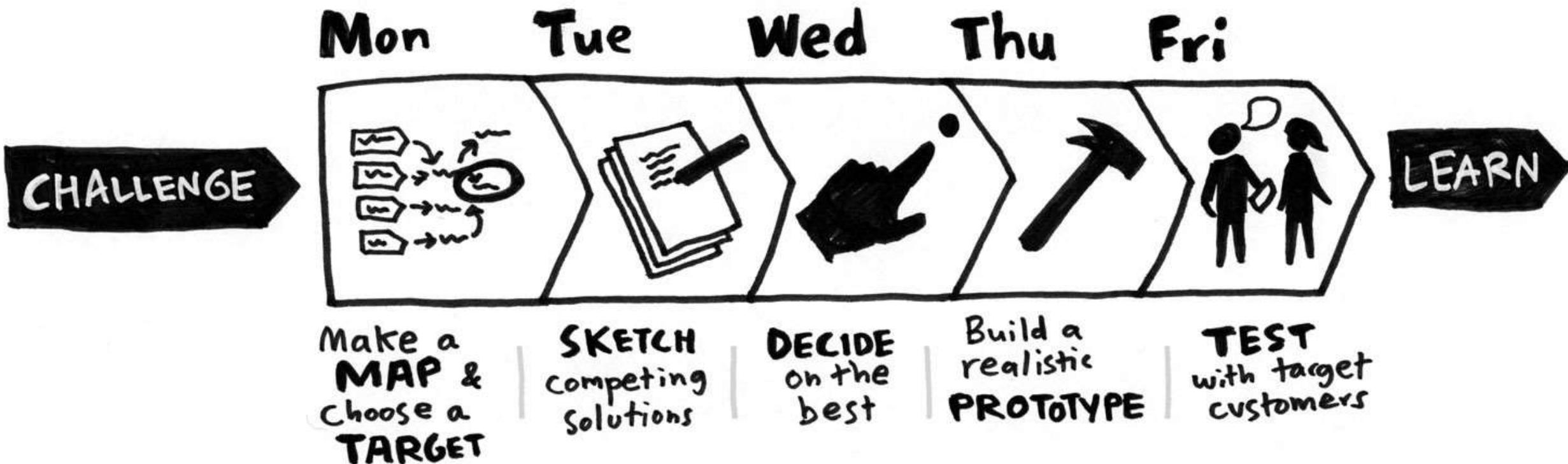


IT architecture





Design sprint

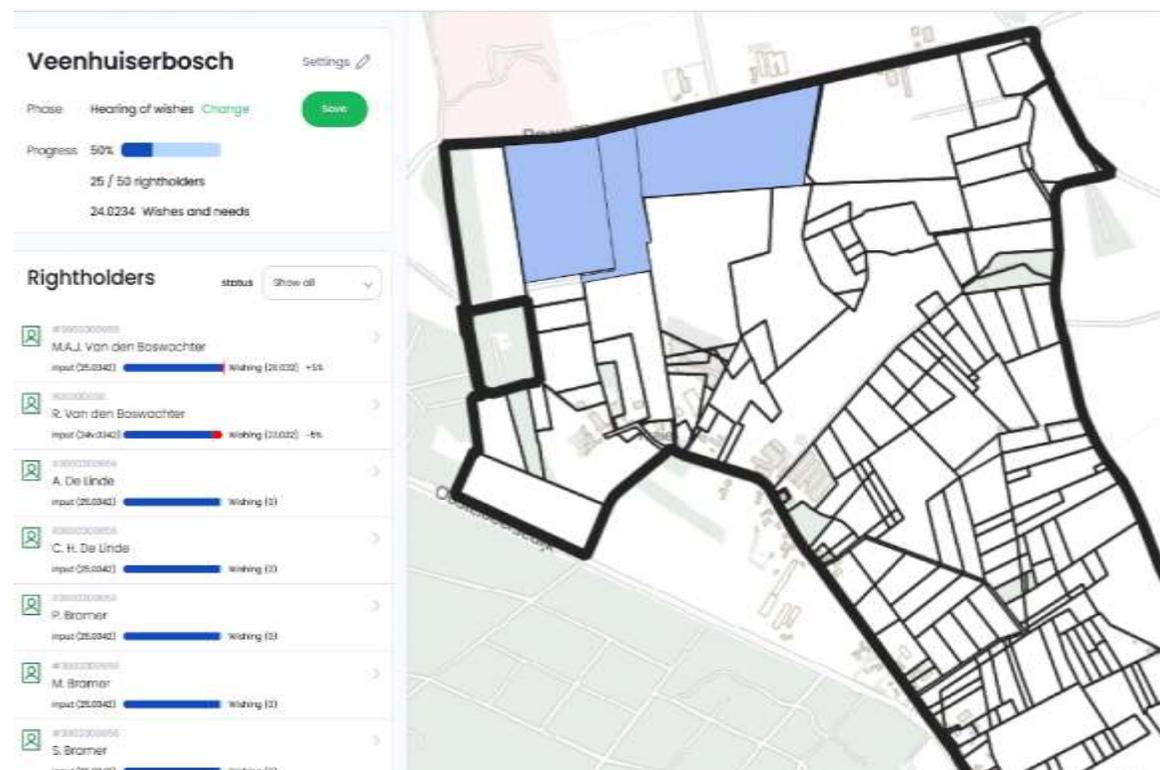




Result design sprint

- Visualization of the generic tool
- Minimum viable product
- Positive response from reviewers

Demonstration will be given later in programme





Questions?

Please use Q&A (tab on the right)





Programme:

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