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
Configurability:

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

- Right holder
- Generic tool
- Create a project database
- Verify land rights
- Explore options for reallocation - first round
- List of legitimate right holders, rights and parcels
- Soil map
- Agree on list of legitimate right holders, rights and parcels
- Mediation
- Administrative data from land administration system
- AGP project area
- AGP: public areas
- Delimit project area
- Responsible authority (committee / government / surveyor)
- Data
- Tenure system
- Court / Supreme Court

Add, correct, update missing or wrong information
SMART SURVEYORS FOR LAND AND WATER MANAGEMENT
CHALLENGES IN A NEW REALITY

Wishes - second round

Voting

Final draft reallocation plan

Implementation of construction works in the field

Notification

Notification & Invoice

Explore options for reallocation - second round

Valuation of parcels to be exchanged

Survey new boundaries

Cadastral map

Deed or certificates

Administrative data land rights and restrictions

Calculate financial settlements

Financial settlements
Detail drawing reallocation plan
IT architecture
Design sprint

- Mon: Make a map & choose a target
- Tue: Sketch competing solutions
- Wed: Decide on the best
- Thu: Build a realistic prototype
- Fri: Test with target customers

CHALLENGE

LEARN
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: