



The computerised land re-allotment process in Turkey and the Netherlands in multi-purpose land consolidation projects

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Introduction



- Co-operation Government-to-Government (G2G): *Technical Assistance with respect to computer-application and GIS-databases in relation to land re-allotment*
- 8 million hectares to be consolidated in the coming years
- Modernisation of the cadastre

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The Land Consolidation Process

- Legal Framework (NL 1, TR 3)
- Legal Task Cadastre (NL Y, TR No)
- Baseline data:
 - Map, Registers: (NL digital, Turkey Not)
 - GNSS
 - Orthophotos
 - Soil maps
 - Inventory of farmers' preferences
- Location of farms



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The Land Consolidation Process

- Private companies
- Based on farmers' preferences
- Land-use rights
- Allocation
- Double survey of boundaries



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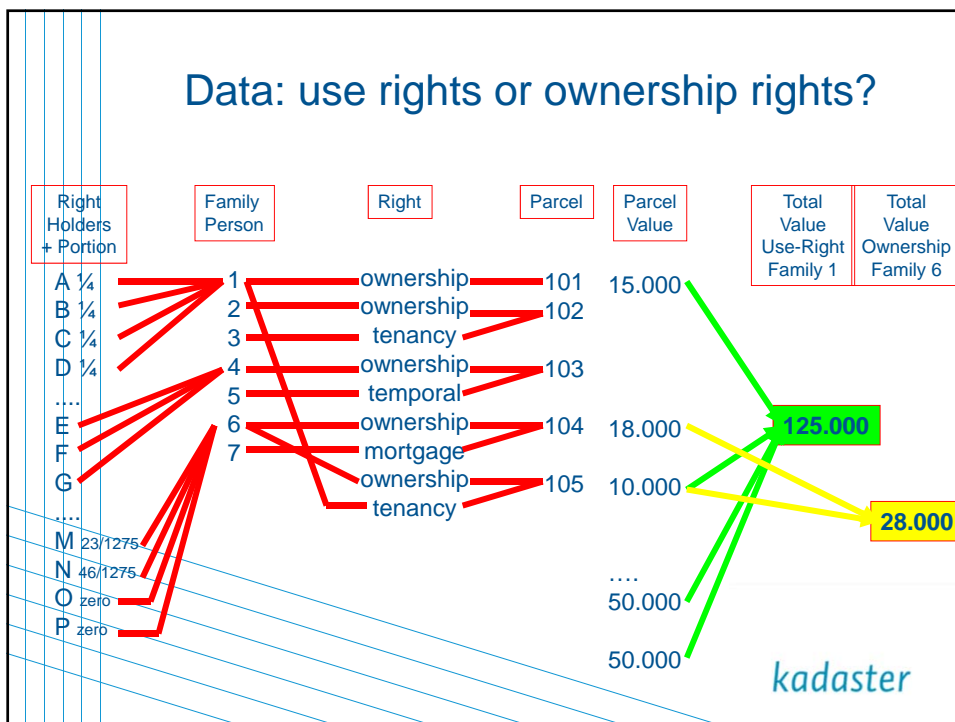
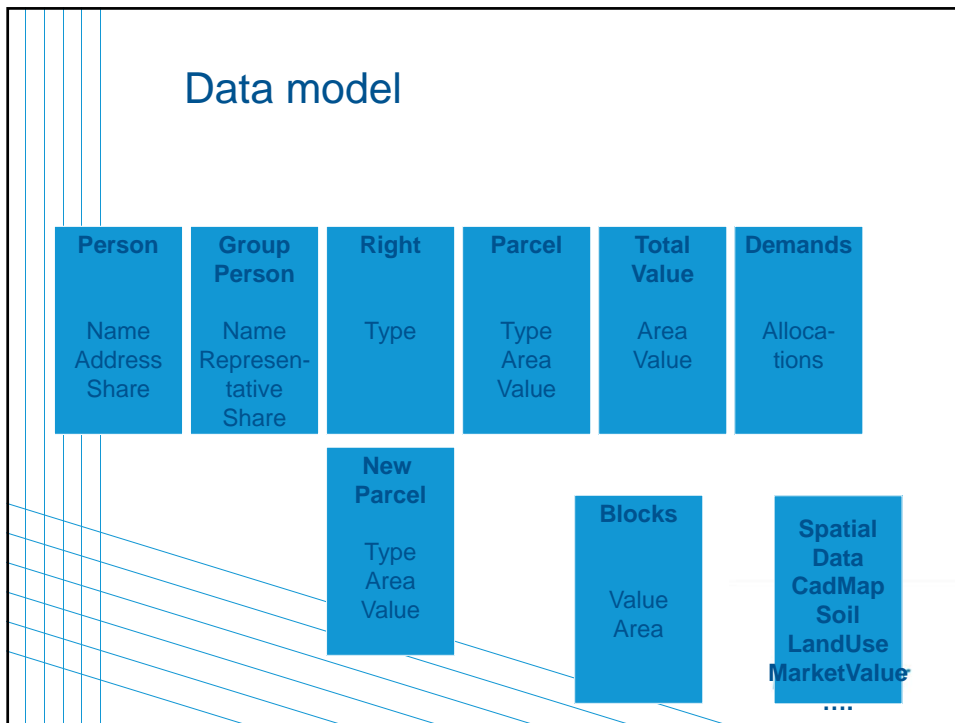
Functional Requirements

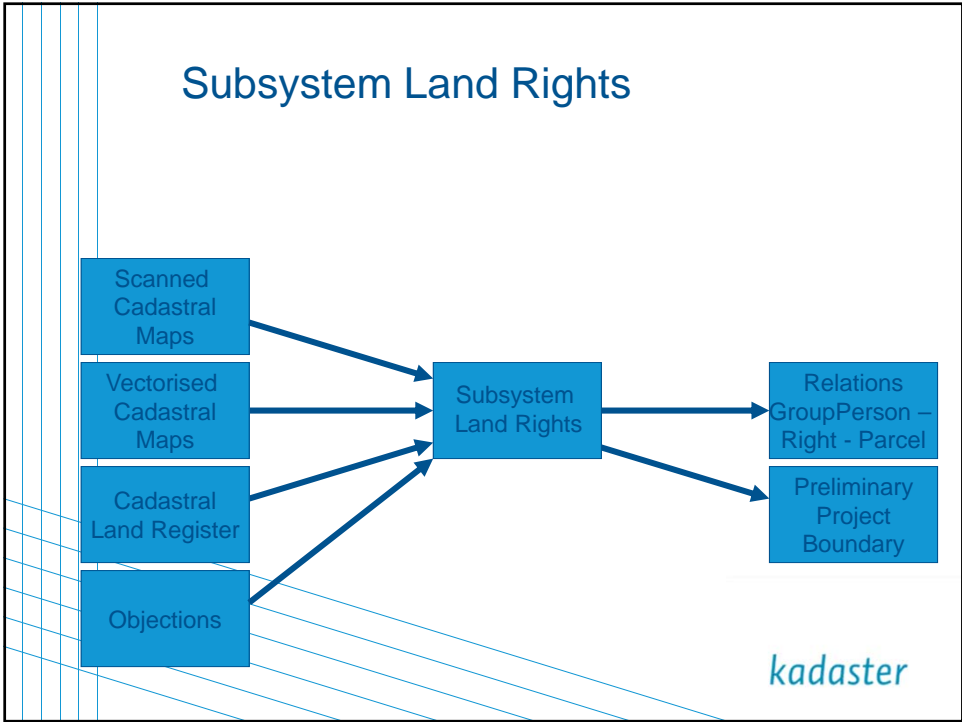
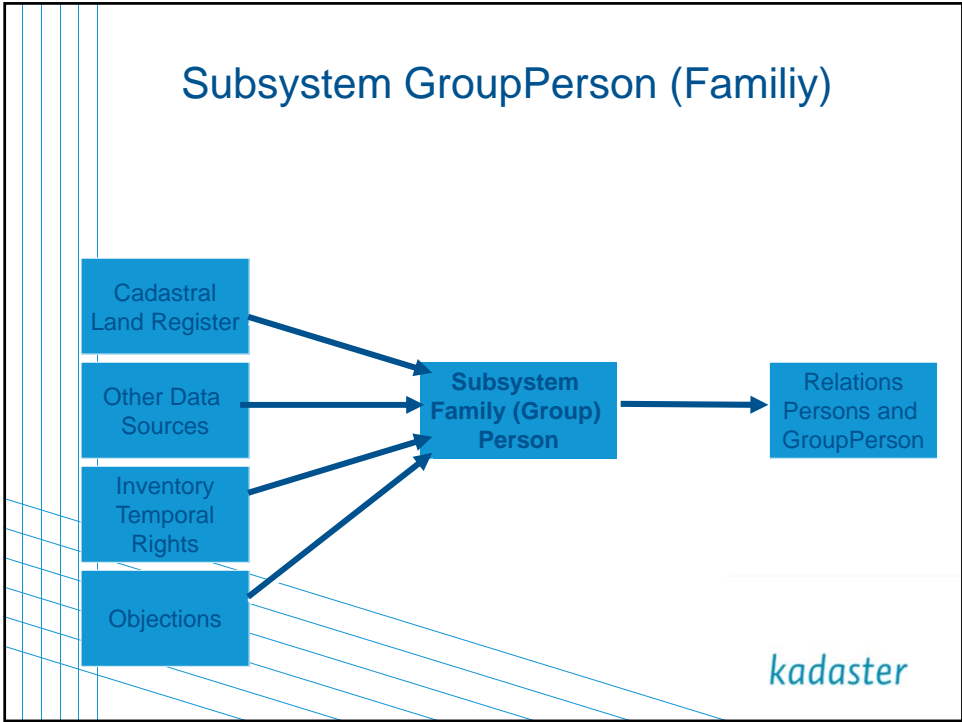
One LIS and Database per project

- Land Administration is very complex: Persons-GroupPersons-Rights-Parcels-NewParcels
- Data sharing
- Land Consolidation is also cadastral renovation
- Different co-ordinate systems – means different areas and values in different environments for the same object



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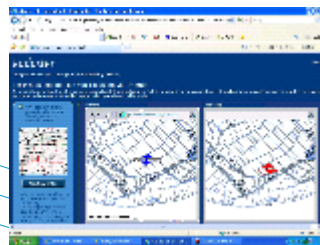




Technical Requirements

- Hardware + Hardware experts
- Platform + System managers
- Software + Software experts
- Network + Network managers
- Database + Database managers
- Application Software + System developers

- Remote, on site, outsourced, ...



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Conclusions

Cadastral Renovation included

- Check on completeness: people may not loose rights
- Multi-disciplinary and multi-institutional approach



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