



78th session Committee on Housing and Land Management

Research into Land Consolidation Practices

Rik Wouters
Vice Chair WPLA



UNECE



Land consolidation: reallocation, shaping and enlarging of parcels in order to reduce land fragmentation, enlarge farms and improve accessibility

Most of the time to improve agriculture infrastructure in rural areas: roads, drainage, irrigation, farms.

But also to support/improve other functions:
nature, recreation, transportation, rail, room for rivers, hydro-
electric dams



Ruilverkaveling
DER
BALLUMERMIEDEN OP AMELAND.

>3650 parcels, 190 ha, 119 farmers

Oude Perceelsindeeling



0 50 100 150 200 250 Meter

- Eigendom van A.A. Bakker (klein grondbezit).
- " " A. Eel. de Vroom (niet-de grootgrondbezit)
- " " de Algem. Armeewoogij (groot grondbezit)

Ruilverkaveling
DER
BALLUMERMIEDEN OP AMELAND.

235 parcels

Nieuwe Perceelsindeeling



0 50 100 150 200 250 Meter

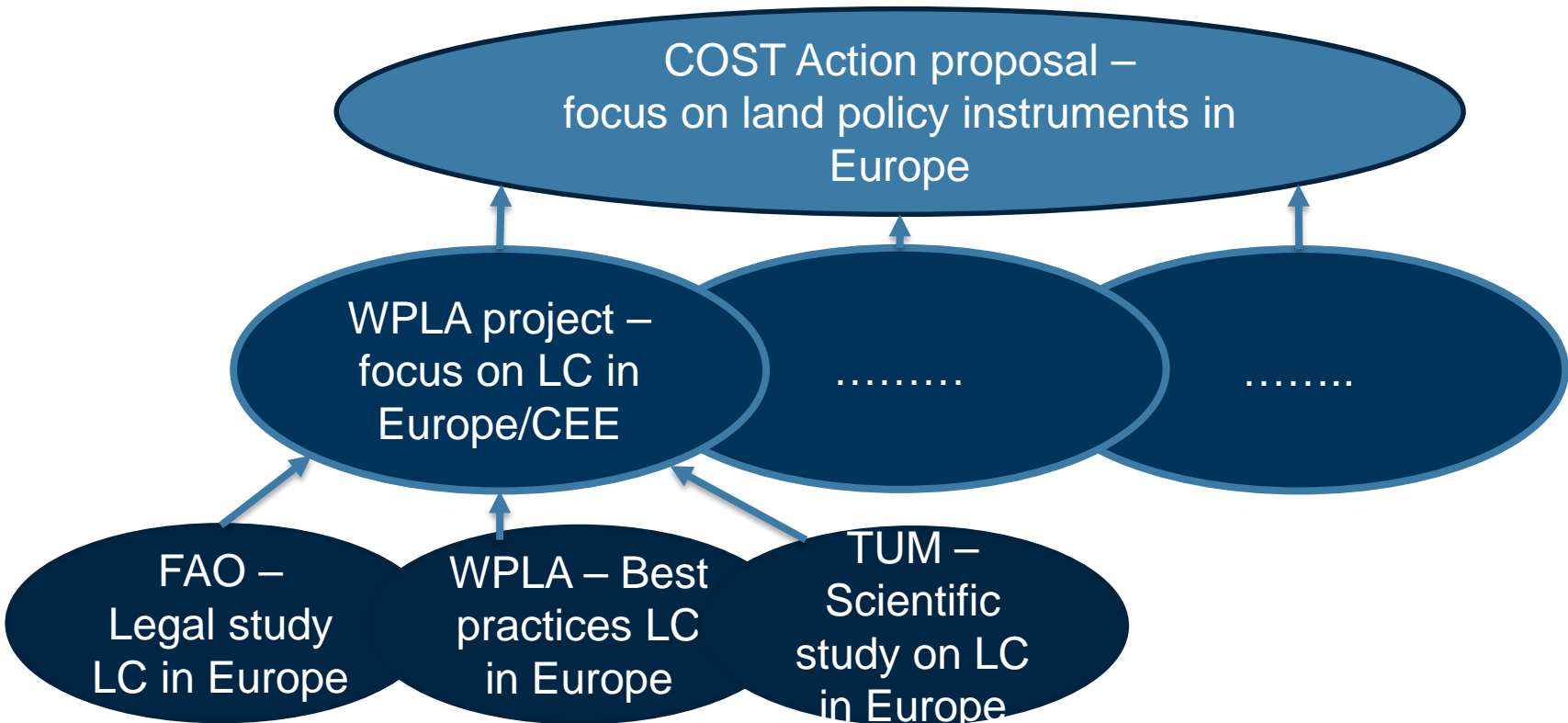
Eigendom van A.A. Bakker (klein grondbezit)

" " A.E.J. de Vroom (middelgrootgrondbezit)



Project outline

- Time frame: July 2017- December 2018
- Overall coordination WPLA/UNECE
- Prime partners: WPLA, Techn Uni Munich, FAO
- Other parties: Kadaster, LANDNET
- Task group members WPLA bureau
 - Rik Wouters (coordinator)
 - Fredrik Zetterquist
 - Julius Ernst
 - Markku Markkula





3 research Blocks

➤ Scientific study

- Lead Technical University Munich: Prof Walter de Vries
- Research into instruments and tooling in LC

➤ Case study Legal framework Lead by FAO

- Lead by FAO: Morten Hartvigsen
- Case study to achieve a generic legal framework for LC

➤ Case study best practices

- Lead by WPLA: Rik Wouters
- Case study into best practices, success factors, conditions in LC



Scientific study

Main research activities

- Make a comparative and constructive inventory of current and emerging practices, applications, institutional arrangements and opportunities of land consolidation and land readjustment in UNECE countries;
- Compare existing technical, participatory and policy development methods, instruments and tools of land consolidation and land readjustment in UNECE countries;
- Development concept for of poly-rational and transdisciplinary land consolidation;
- Research into the use and developments of software to support land consolidation.



Study on best practices

This study includes

- the carrying out of case studies in land consolidation in various countries
- to find out what are the obstacles, success factors, lessons learned
- to find out what contribution land consolidation played in the development of the countries

Optional:

- Guidelines will be distilled based on lessons learned, best practices, critical success factor and prime condition to implement successful projects.

NB: Lot of case study materials are already available. Relevant research papers will be collected and used in the study.

NB: Use questionnaire to gather information



Study legal framework



Food and Agriculture Organization
of the United Nations



Objectives of planned FAO regional study on land consolidation legislation

- Initial FAO contribution to planned WPLA study on land consolidation under MoU between UNECE and FAO.
- Identify regional best practice on land consolidation legislation to be used in technical assistance projects in the member countries.
- Prepare generic land consolidation law based on regional best practice.
- Prepare FAO legal publication on land consolidation legislation in cooperation with FAO Legal Department.



What's in it for UNECE member countries?

- ❖ Report on comparative study on best practices LC
- ❖ Report on instruments and tooling LC
- ❖ Report on legal framework in LC
- ❖ We need your input and cooperation!

NB Special WPLA/FAO workshop in Skopje June 2018



Thank you for your attention!

Contact WPLA

rik.wouters@kadaster.nl

