



REPUBLIC OF TURKEY
MINISTRY OF AGRICULTURE AND FOREST



Land Consolidation in Turkey

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Main Problems in Agriculture Land in Turkey



Small Scaled holdings

3 million holding - average size is **6 ha**
64 % of all holdings have less than **5 ha**



LB

Fragmentation

32,5 million parcels – Average **11 parcels per holding**

LC

inheritance - shareholding

40 million shareholders



LB

Reach to parcels

50 % of them haven't got legal field road.

LC

Reach to channels

50 % of all parcels is far from channel

LC

Lack of technology and others

These problems; leads to use more input and loses production.

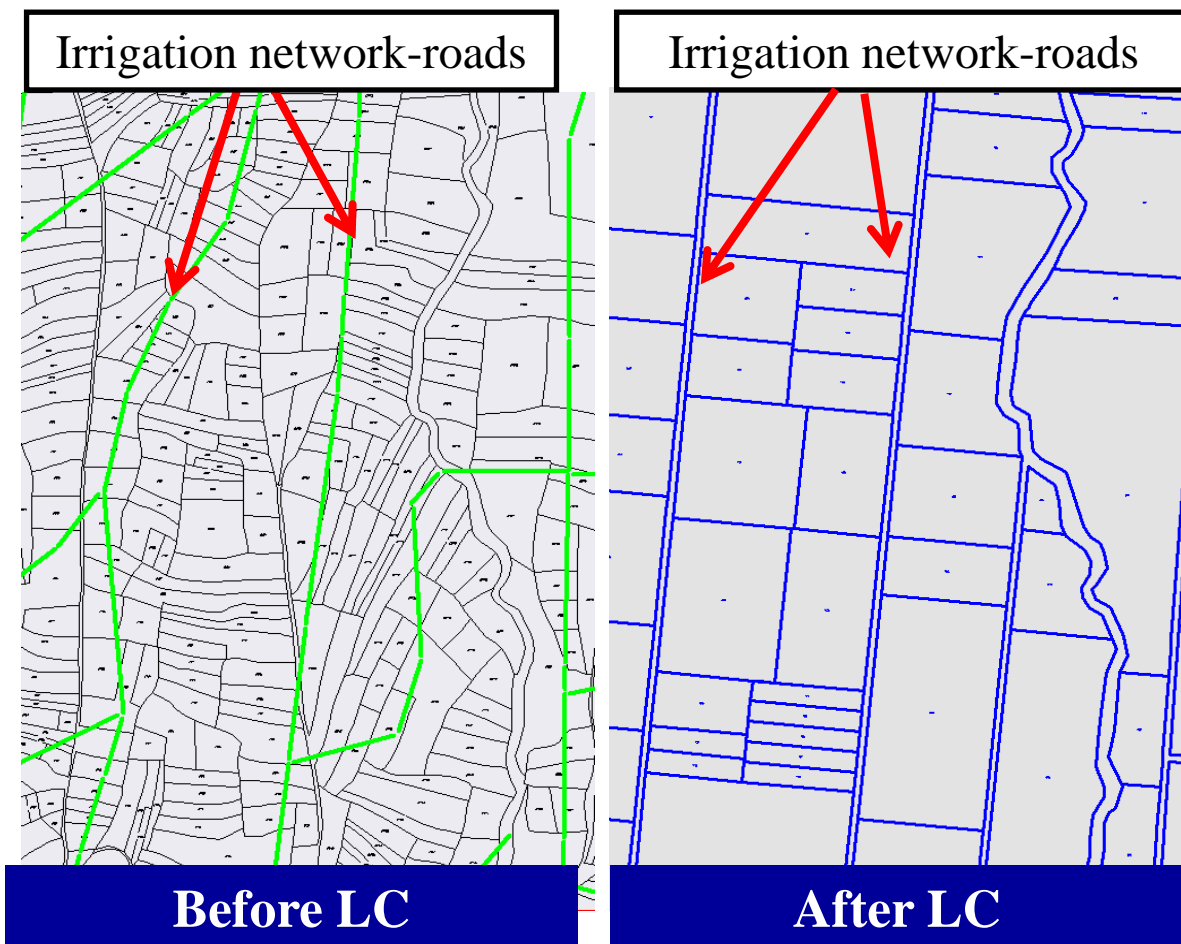
Abandoned land

2 million ha area is unavailable (Abandoned) due to property problems and others. Annual Loss is about 2 Billion \$

2005

Land Consolidation has been accelareted

Small, fragmented and unshaped parcels are replanned for modern agriculture.



After Land Consolidation

- Large and uniform shaped parcels
- Each parcel is connected to the road and the channel directly.
- Savings of 40 % in investment costs
- Simplify technology usage

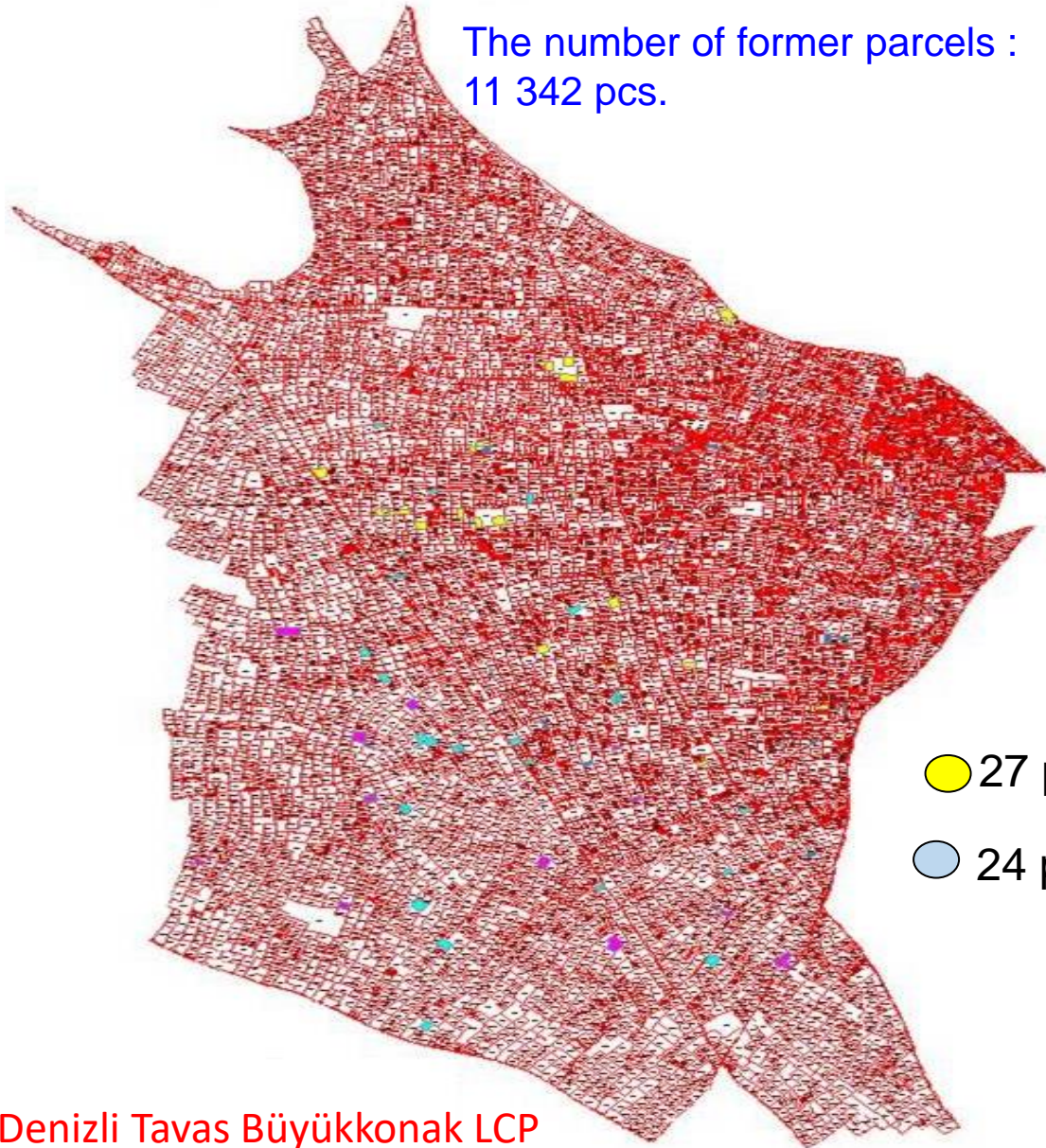
Irrigation investment costs 40% less
Irrigation rate increases from 60% to 80%

After LC

- Limited abandoned land
- Easy land leasing/selling
- 3-4 times higher rental fee than before

The Cadastral Map Before the Consolidation

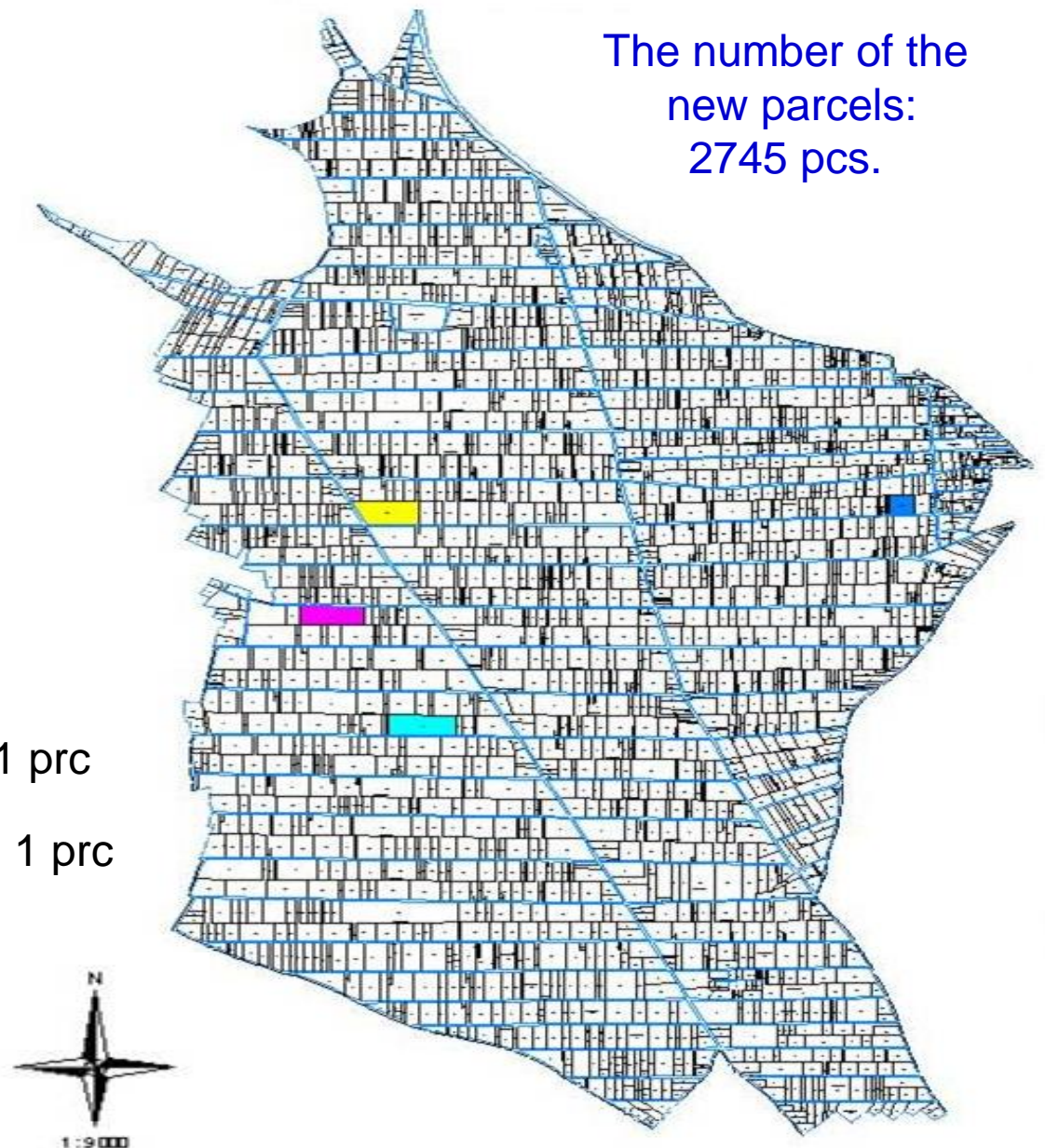
The number of former parcels :
11 342 pcs.



Denizli Tavas Büyükkonak LCP

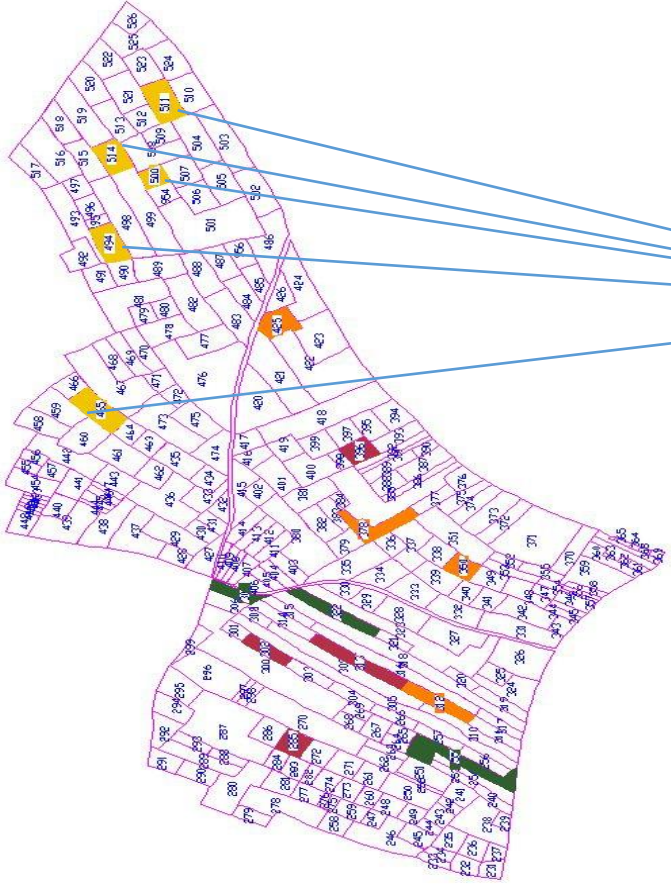
The Map After the Consolidation

The number of the
new parcels:
2745 pcs.



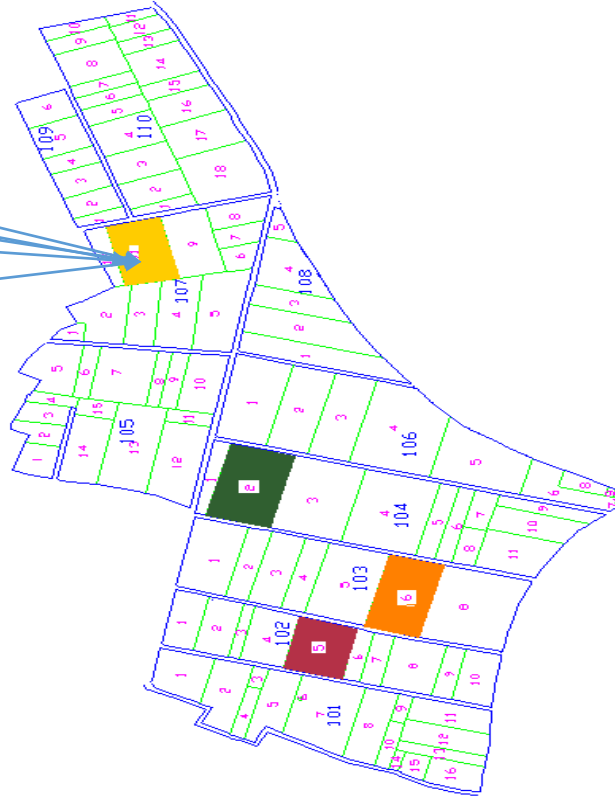
BENEFITS

Before Land Consolidation



Old Cadastral Map

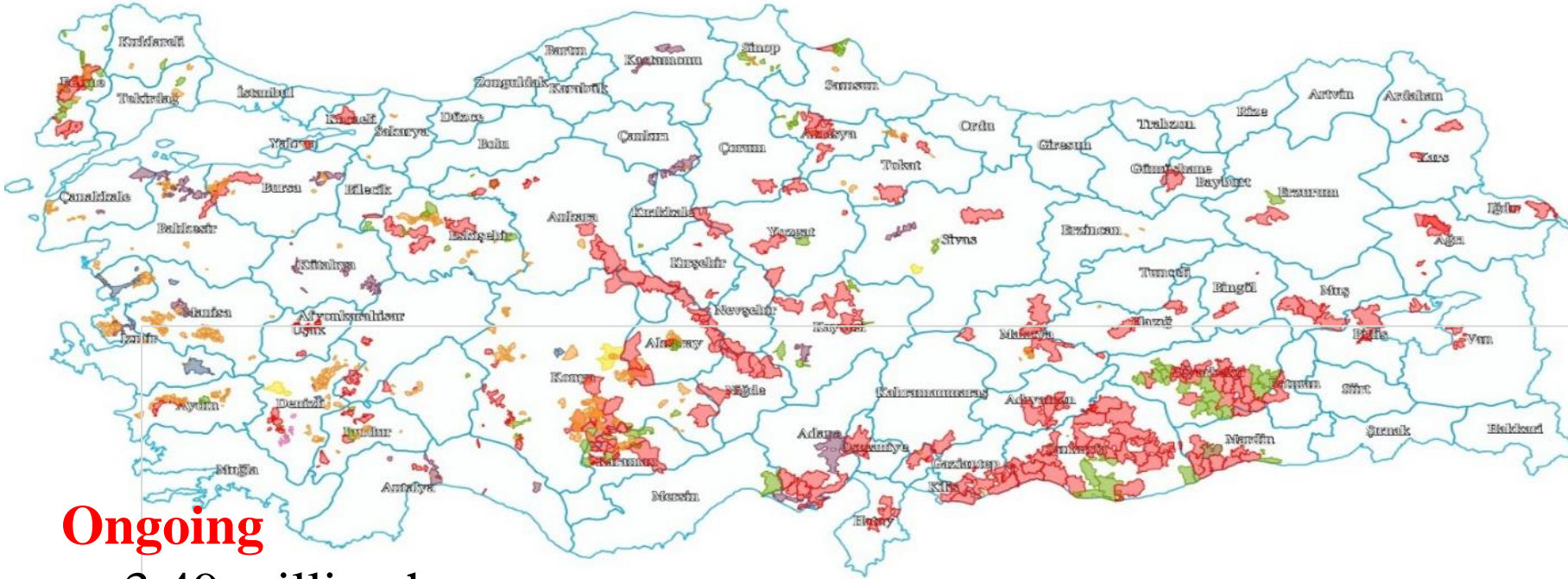
After Land Consolidation



Designed Blocks and New Cadastral Situation
Digital Cadastral Map

- 1 – Cadastral maps are updated,
- 2 – Fragmentation problems and share parcels ownerships are solved,
- 3 – Clean parcel situation,
4. Irrigation and transportation problems of all parcels are solved,
5. Judicial cost decreases,
6. Land Registry and Cadastre are recorded with the most advanced techniques.

LAND CONSOLIDATION IN TURKEY



Ongoing

- 3.49 million ha
- 263 project

Register reallotment

4.76 million ha
150 project

Total

4.1 million population

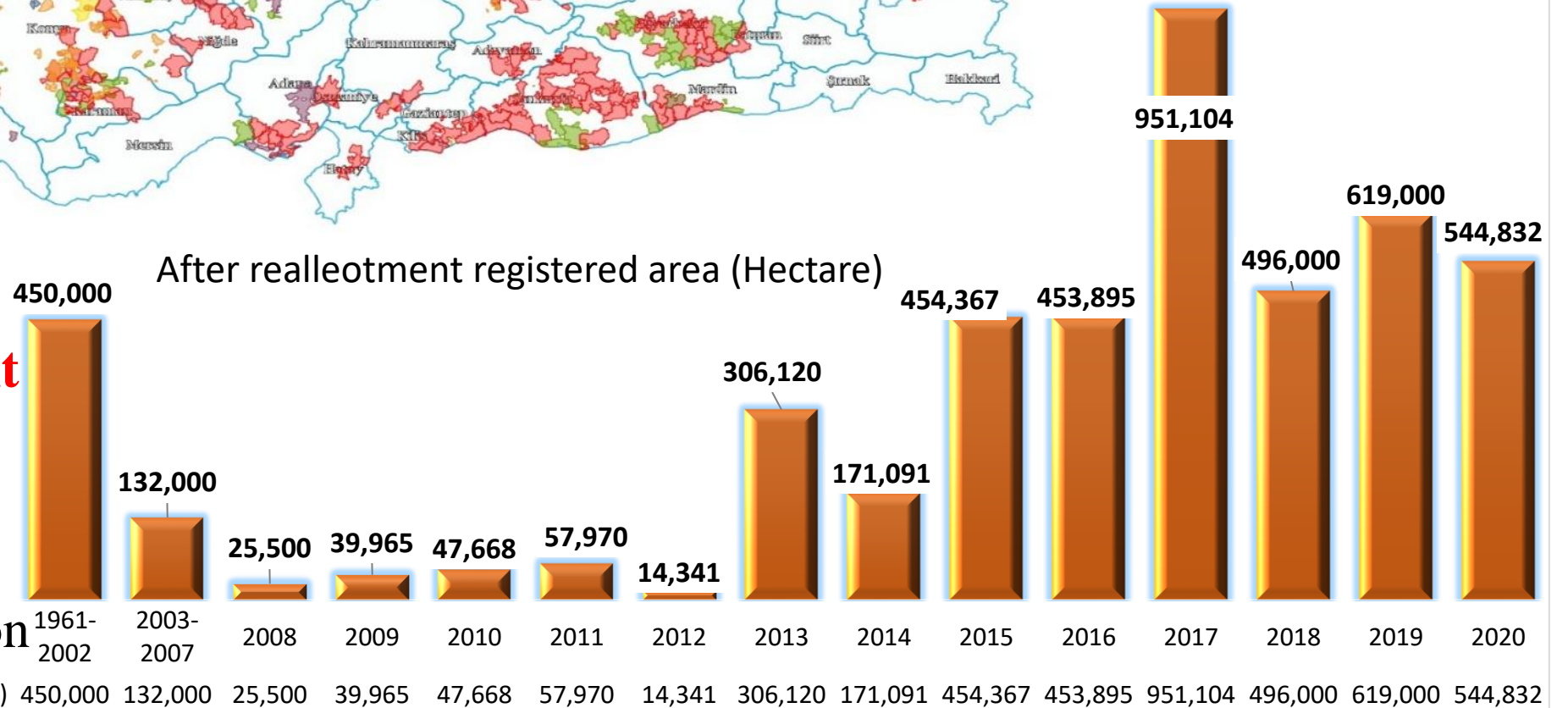
Target

1 million ha per year

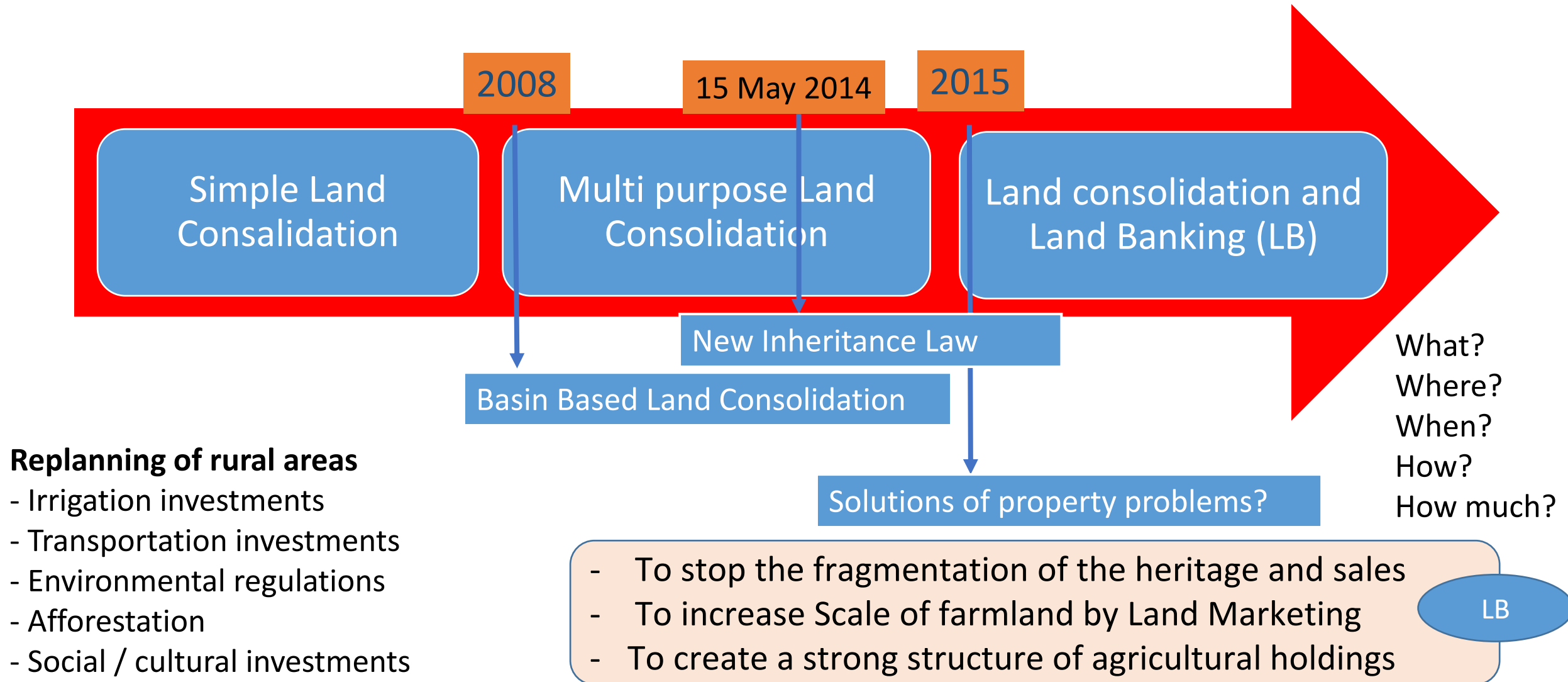
2021 - 1.25 million ha

2023 - 8,5 million ha

2030 - 14.3 million ha



DEVELOPMENTS OF LAND CONSOLIDATION



Thanks for your attention