



Food and Agriculture
Organization of the
United Nations



The need for land consolidation

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Small holdings, small properties, small and scattered parcels

North Macedonia (near Gostivar)

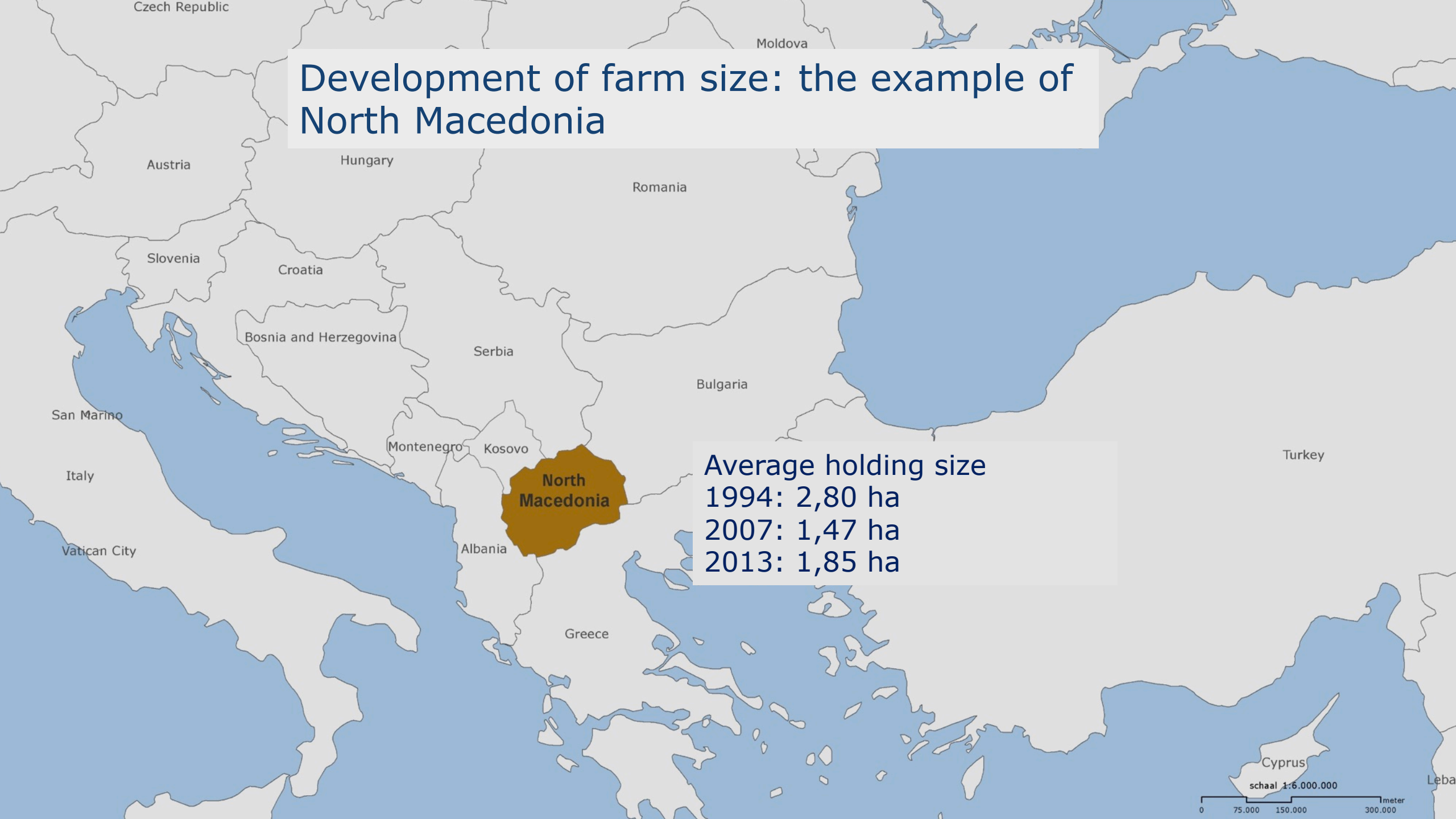
Development of farm size: the example of North Macedonia

Average holding size

1994: 2,80 ha

2007: 1,47 ha

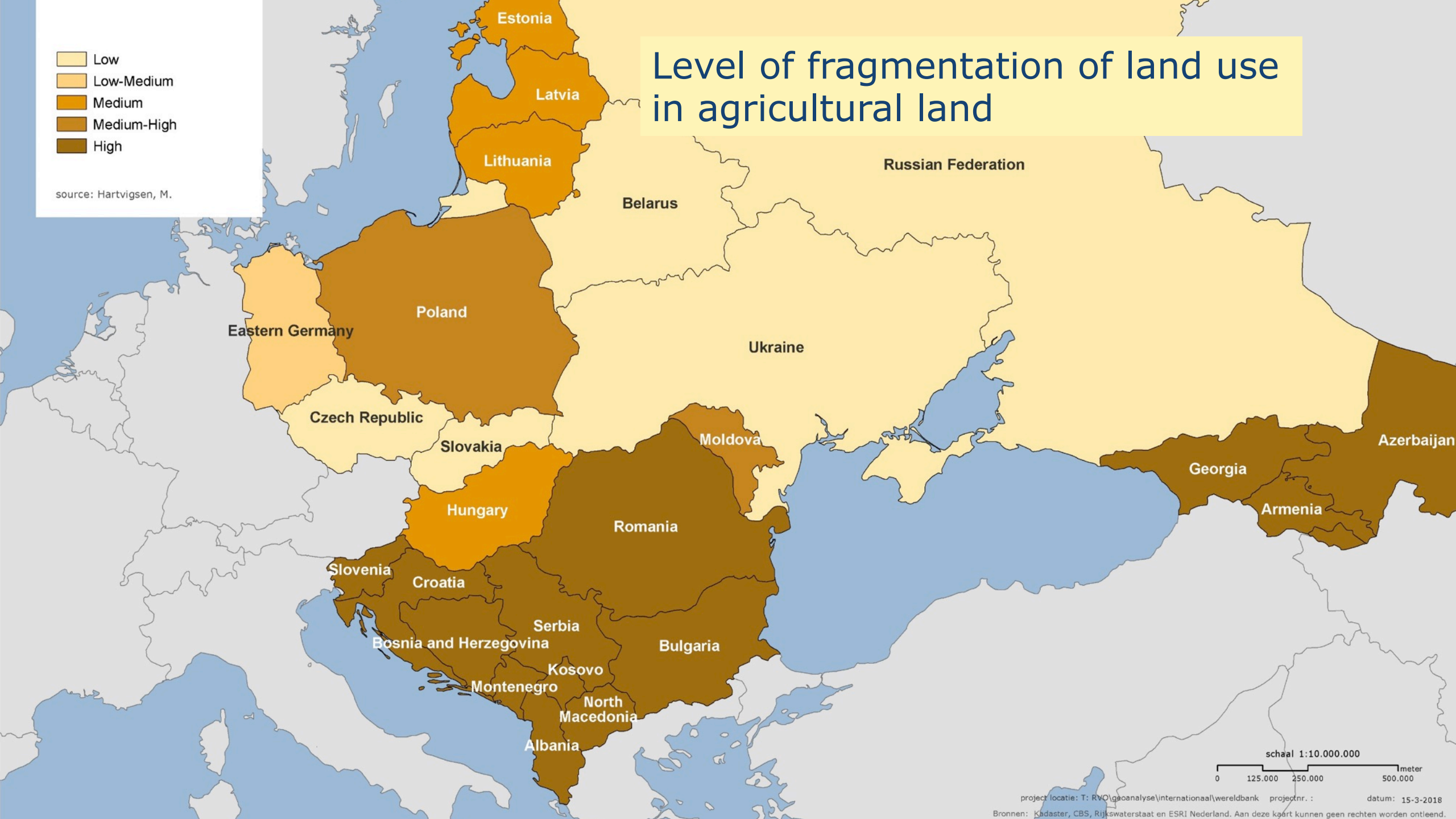
2013: 1,85 ha



Level of fragmentation of land use in agricultural land

- Low
- Low-Medium
- Medium
- Medium-High
- High

source: Hartvigsen, M.





Egypt: average farmsize 0,92 ha, 60% farms between 1-2 ha have more than 1 plot

Nile Valley near Al Widi

By Planet Labs, Inc. - <https://www.planet.com/gallery/nile-20160813/>
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An aerial photograph of a vast agricultural landscape in Vietnam. The land is divided into a complex, irregular pattern of small, rectangular and polygonal plots. The plots are primarily green and yellow, indicating different stages of crop growth or different types of vegetation. A winding river or canal cuts through the landscape, reflecting the sky. In one of the plots, a small fire is burning, with a plume of white smoke rising into the air. The overall scene depicts a highly fragmented and intensive agricultural environment.

Vietnam: average plot size 1.843 m², 8,9 million farmers

Image by [Sanh Vy](#) from [Pixabay](#)

Land transactions: annual turnover in EU 0,2-4%, in Armenia 1,6%



Before

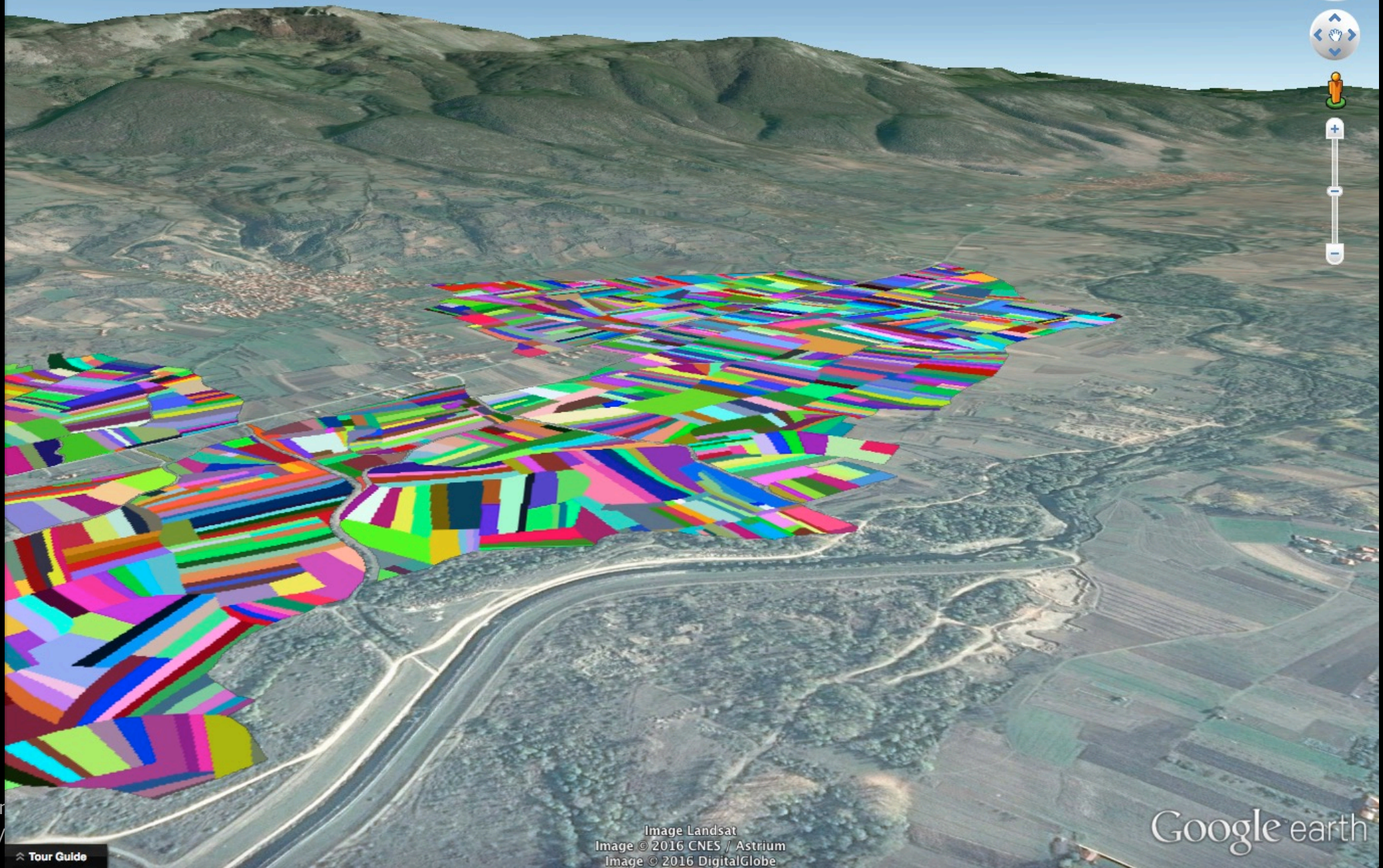


Images: GIZ Project 'Strengthening Municipal Land Management
Serbia' Pirot project, Serbia

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Before



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Tour Guide

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After

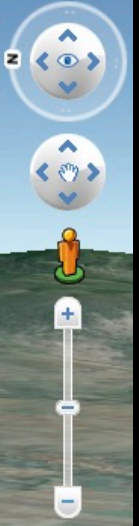
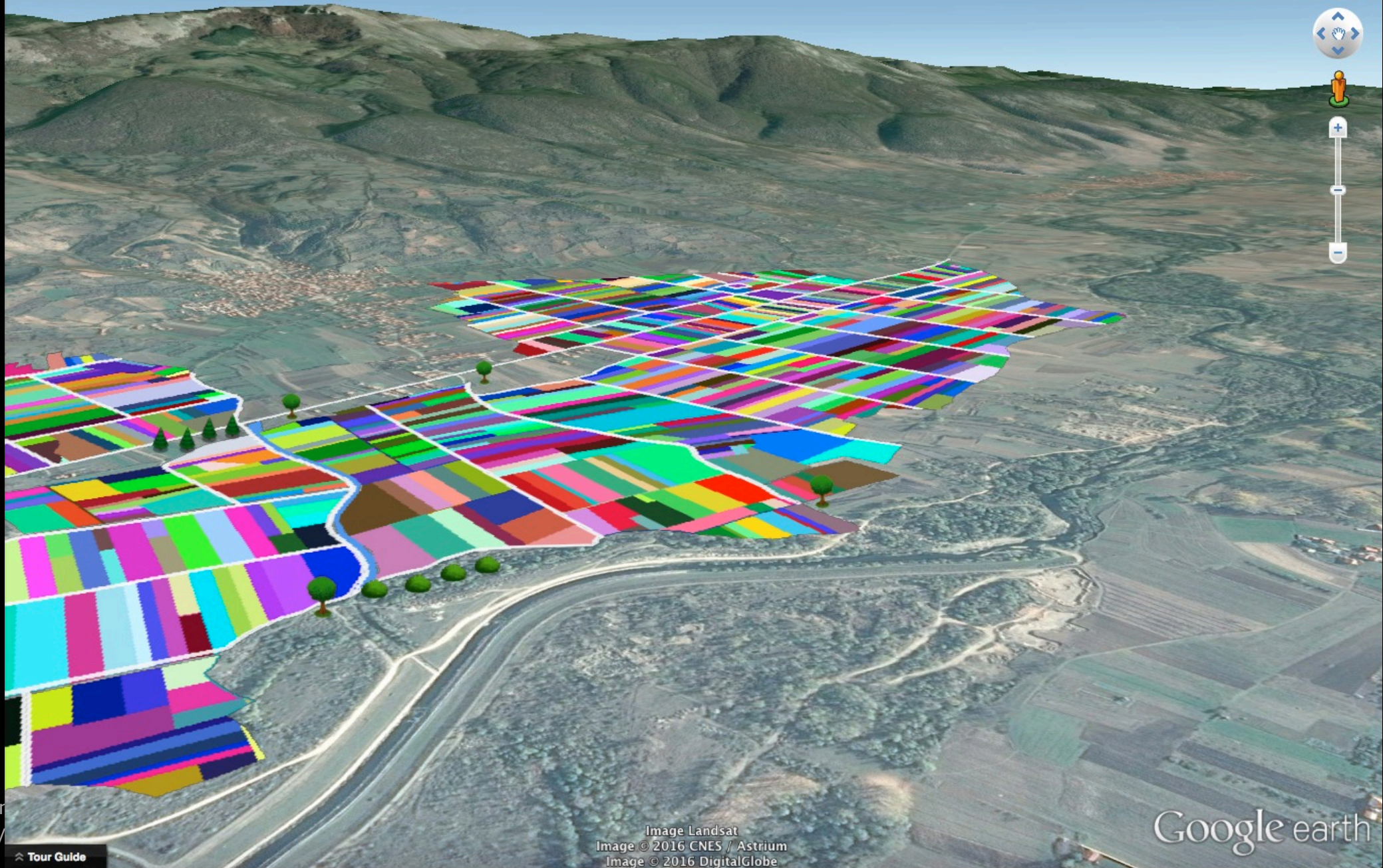


Image Landsat
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Tour Guide

After



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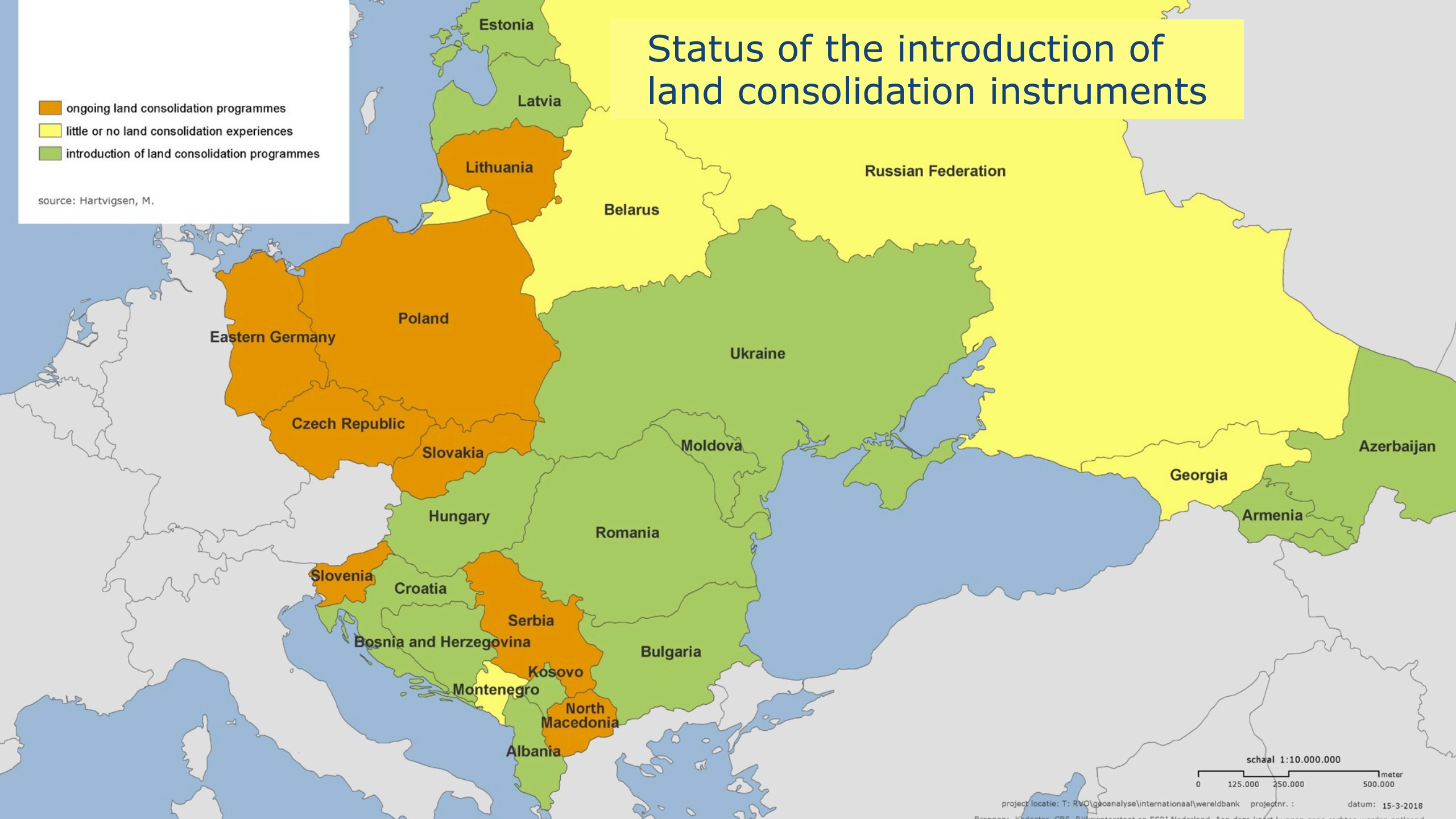
Image Landsat
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Google earth

Status of the introduction of land consolidation instruments

- ongoing land consolidation programmes
- little or no land consolidation experiences
- introduction of land consolidation programmes

source: Hartvigsen, M.





Bravicea, Moldova

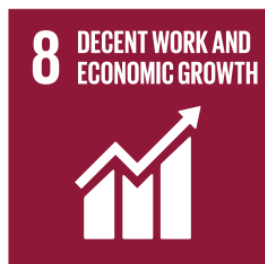


SUSTAINABLE DEVELOPMENT GOALS






SUSTAINABLE DEVELOPMENT GOALS

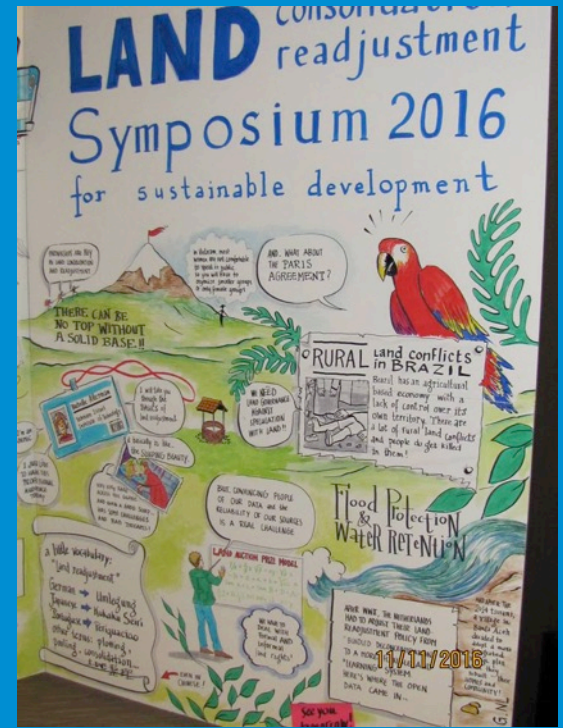


Land related GOALS



A person is seen from behind, paddling a blue and white striped inflatable ring down a narrow, calm stream. The stream is bordered by lush green grass and tall reeds. The background is filled with a dense forest of tall trees with vibrant green foliage, suggesting a summer setting. The water reflects the surrounding greenery and the person in the ring. The overall scene conveys a sense of peaceful recreation in a natural environment.

Agricultural development with nature restoration and recreational development in Grathem, Netherlands





Netherlands Enterprise Agency

Thank you for your attention



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