

13th LANDNET Workshop (Skopje, North Macedonia)

Giedrius Pašakarnis, Ph.D Lecturer at Vytautas Magnus University

Introduction (Global situation)



Introduction (Lithuania)

In Lithuania 952 land managers / land use planners;



- Certificates of LC qualification (2005-2017);
- 85 are qualified to implement LC projects;

35%

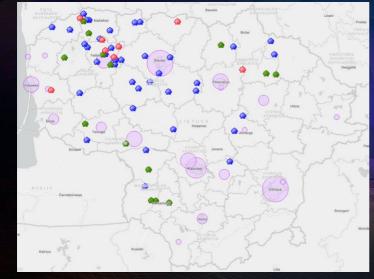
14 certificates at SLF (LC projects organizer);

65%

3

Introduction (3)

Concentration of certified surveyors vs. Implemented LC projects

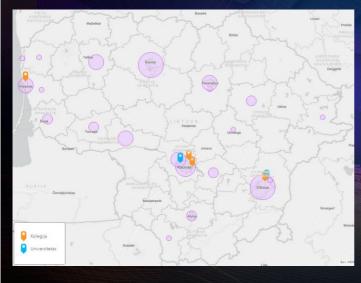


Situation in Lithuania: 61 LCP; 14 LCP (2004-2006); 39 LCP (2007-2013); 8 LCP (2014-2020).



Academic situation

Concentration of certified surveyors vs. Academic institutions



Academic institutions teaching land surveying:

- 2 Universities (BSc, MSc)
 - VMU Land management focus;
 - VilniusTech Geodesy focus;
- 4 Colleges (Non university BSc)
 - 3 Geodesy focus;
 - 1 land management focus;

Academic situation (2)

4 Colleges (Non university BSc)

VilniusTech university (BSc, MSc)

 Studies are geodesy oriented.
Vytautas Magnus University – Students gets basic understanding about land management and just an introduction to LC within Land management lectures;

Vytautas Magnus University (MSc)

only one University in Lithuania preparing land management specialists (BSc -> MSc);

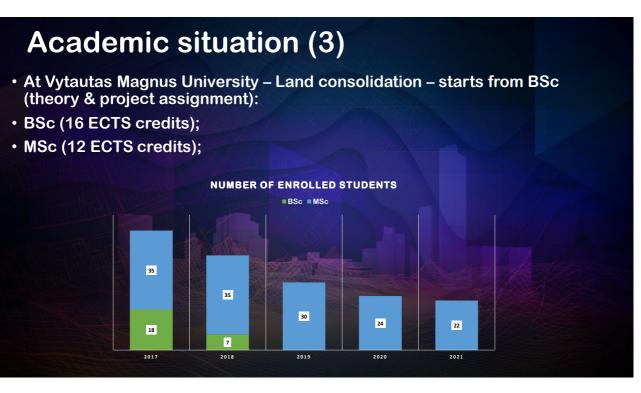
5

Necessary knowledge for LC professionals

Land consolidation is complex procedure...

- Law (Land law, bylaws,...);
- Geodesy and cadastral surveying;
- GIS, LIS, cartography;
- Spatial and land use planning;
- Real estate valuation;
- Psychology, negotiations, conflict resolution;
- Soil science, civil engineering and construction, environmental protection, ...





Encouraging youth

Schools visits (career days, GIS days);



Video lectures;

Encouraging youth (2)

Playing "Move a lot" during coffee breaks



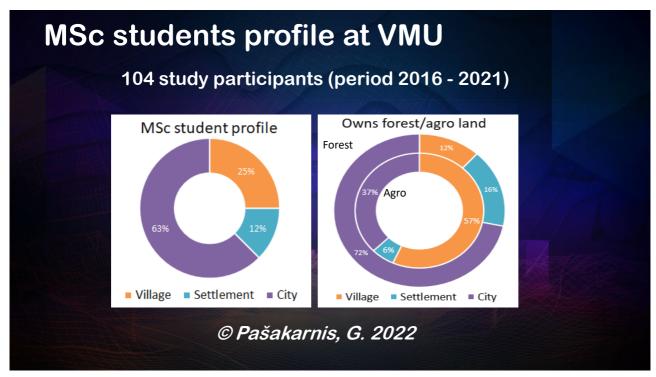


Encouraging youth (3)

Articles in popular news portals;

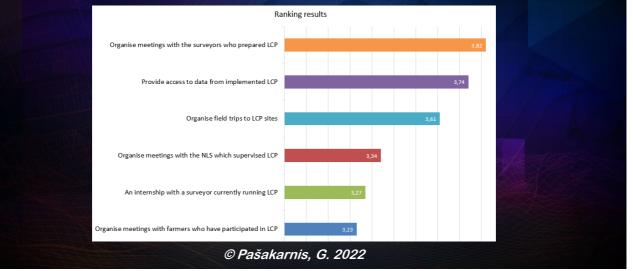
Articles in magazines;





How to meet students' expectations?

Rank in order of importance how educational institutions can help students better understand land consolidation



13



How to meet students' expectations?





Supervised MSc thesis about LC

Defended thesis:

- Land consolidation within Rail Baltica project x 2;
- Measuring the effects of implemented LC project x 2;
- Proposal to apply LC in certain territory x 2;

Thesis in progress:

- Proposals on national LC strategy update;
- Proposal to apply LC on forest land;
- Connecting LC with other rural development programmes;

Conclusions

- Set capacity building as a priority into land consolidation strategy;
- Focus on opening the data: OpenData & spatial data;
- Organize field trips (potential areas, ongoing project sites, finished project sites) and meetings with land surveyors, local authorities, land owners, ...
- Finance research, articles, case studies and thesis on LC;
- Annual knowledge sharing events, inviting other beneficiaries (environmentalists, governmental authorities, farmers associations...);
- Establishing knowledge HUBs (network of professionals);
- Institutional collaboration (locally and internationally);

Thank you! Q&A



VYTAUTAS MAGNUS UNIVERSITY мсмххіі







Giedrius Pašakarnis, Ph.D

Lecturer at the Dep. of Land use planning and geomatics Vytautas Magnus University Agriculture Academy