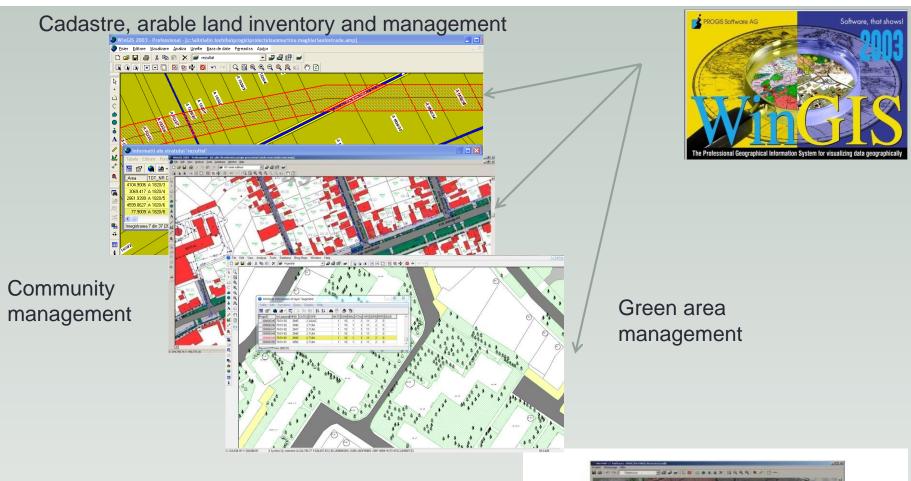




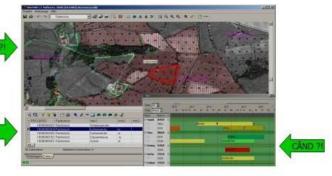
COMMUNITY MANAGEMENT, AGRICULTURE AND CADASTRE WITH WINGIS

S.C. Pfandl & Mayer S.R.L.
Surveying, GIS, cadastre, aerial photography – Temeswar, Romania
Alin Pfandl, CEO

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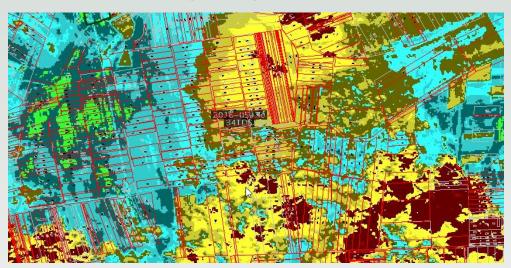


AgrOffice – Farm management and Consultancy, to be implemented



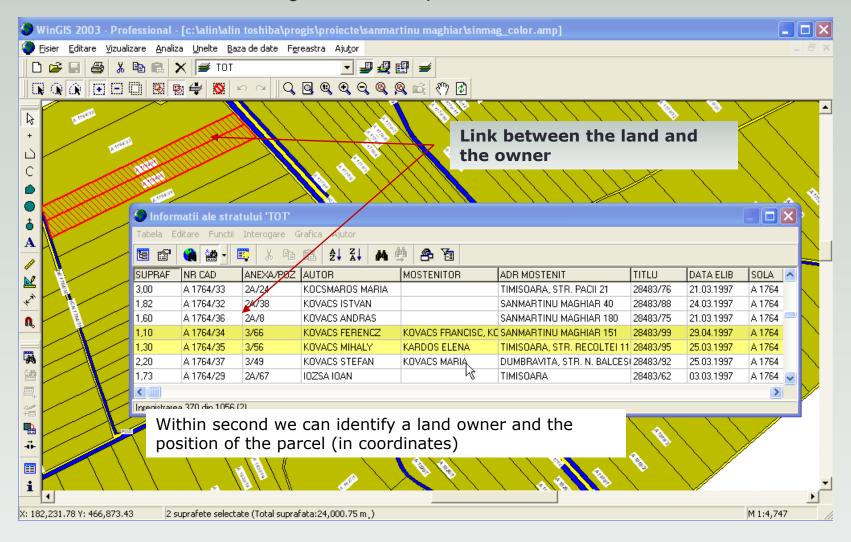
Modern community management includes cadaster, land management and green area management

- One of the most valuable resources of a community is the land
- The inventory, measurement and registration is a must
- Modern tools available (GPS, aerial imagery, electronic databases)
 - GPS
 - Aerial imagery
 - Electronic database
 - Sensors and meteorological robotic stations
 - WinGIS as integrator of information and tool for management
 - New tools available, Sentinel integrated, good news for farmers and communities!



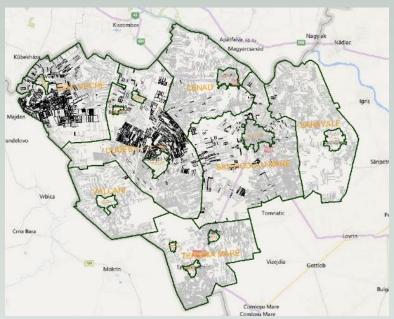
Arable land inventory and management

Beneficiaries: communities, agricultural companies



Arable land inventory and management

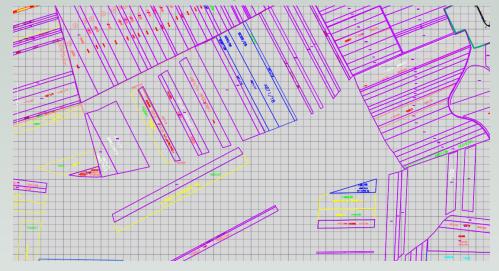
Beneficiaries: Rural communities and private companies

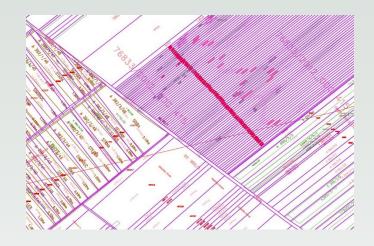


Cadastre is part of the solution, it will take decades to finalize the electronic registration if we don't change the method

Sample of finalized work. Please notice de small fields.

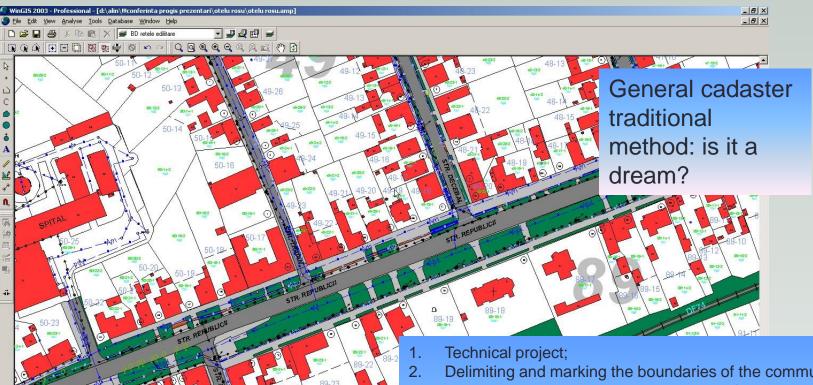
Now about 80.000 hectares in a 7 communities. Various colors showing different owners





Community management (real estate cadaster)

Beneficiaries: Urban and rural communities



Benefits: Community management, taxation, utility management, public transportation, urban development, etc.

- Delimiting and marking the boundaries of the community;
- Measurements and marking the network for the measurements:
- Field measurements (surveying);
- Identification of the owners, buildings, land plots and usage categories;
- Cadastral numbering and updating the plans;
- Loading the database and;
- Writing the cadastral registers; 8.
- 9. Editing the cadastral plans (detailed);
- 10. Editing the general cadastral plan.

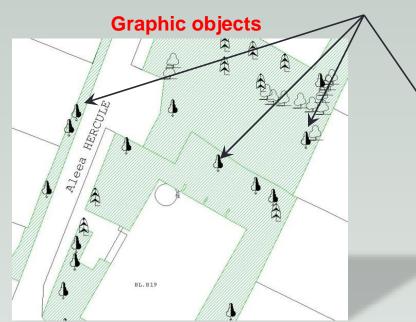
Green area management

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Beneficiaries: Urban and rural communities – Legal obligation under Law no. 24/2007



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Internal database

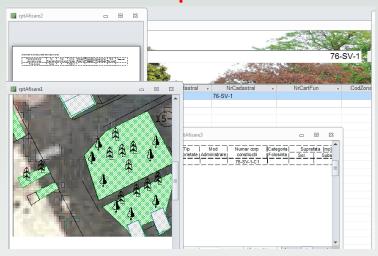
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Some of the benefits

- a)Protection and conservation of green areas;
- **b)**Maintaining the function of protection of the green areas for water, soil, climatic changes, public health, quality of life;
- **c)**Regenerating, expanding and improving the quality of green areas;
- **d)**Taking appropriate measures to maintain proper functions for green areas;
- **e)**Identification of the zones with deficiencies and expanding the green area coverage in urban areas:
- **f)**The inclusion into the public green areas of the land areas with ecological, social and cultural potential;

Various reports



2 STR. CURTICI

2 STR. CURTICI

2 STR. CURTICI

AgrOffice – Farm management and Consultancy

Beneficiaries: Private agricultural companies, Agri-University, Payment Agency, communities, consultants, various service providers, machineries companies, etc.

After using WinGIS in the Romanian market for 15 years, we are now starting an agricultural business in the Soud-Eastern part of Romania, with foreign partners, having a goal to use more than 20.000 hectares of arable land. We are currently preparing the information for the initial 11.500 hectares of land, for which we have in plan to use state of the art technology, precision agriculture and modern farm management tools such as AgrOffice, developed by Progis. We have a good relation wit the Agricultural Universities from Timisoara which is interested to cooperate with us.

Due to the Climate change related issues (we had the one of the driest year in decades) we intent to implement also an irrigation program on all land parcels.

We have approached also the Science Academy for Agriculture in Bucharest and the Ministry of Agriculture which is interested to support us.

