Soil Protection in South Moravia region

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South Moravia is agricultural region with problems of soil and water protection.
Project „Sondar“ in network of ELSA

This project has involved more villages and local authorities for the process of soil protection and revitalization in South Moravia. And in October 2015 was soil main topic of Czech rural konference.
Tropical days in Czech
South Moravia is and will be most hot and dry place in Czech.

*number of tropical days (Tmax more than 30°C)*
Wa alived 40 years of experiments
comunism experiments, when system strongly pushed our relationship to the
landscape (viz gender-balanced image). That is why today many of us can
not see the problems with the soil and agricultural land.
Mosaic landscape lost
South Moravia lost in 1950-1970 mosaic landscape pattern of small fields, meadows, hedges and orchards in landscape.
Historical patterns are in maps and minds …
Today landscape planing, with participation of local people, can bring some 
**harmony to landscape using**. Today problem is, that modern economy 
still **use soil like a „factory“**.
Soil conservation planning

Active villages in cooperation with NGOs makes plans for soil and water protection in their cadasters. Community planning can create complex systems with multifunction effects in comprehensive land consolidation process (KPÚ).
Soil conservation with fruit trees

Historical data shows that in open landscape is necessary maintain mosaic structure against erosion and drying soil. Fruit trees is one of good solution, especially when can be local communities involved.
 „Milion fruit trees“ for South Moravia landscape
This is a new program leading by Local activ groups
Old fruit trees

The rest of mosaic of fruit trees alived in landscape. LAG make, with public support, protecting program and promotion for local fruit trees.
Rare fruit trees

In the Program we revitalize local sorts and minority fruit trees, especially this, who are effective in soil and water protection.
Rare fruit trees

Rare fruit trees - local fruit varieties, minority fruit species are **cultivated in situ** in local planting.
Tree cultivation and planting
In leadership of LAG different NGOs, schools, volunteers, with support of villages, plant: alleys, school orchards, solitery trees etc.
Fruit tree education
In cooperation with local authorities are ready educational trails and programs for schools, pensioners, turists etc...
Rare Fruit Trees museum
Inovation is a small community museum for rare fruit trees.
Educational orchards
For every village is good to revitalize old nature-close orchard for education and tourism and for local products like a „Natural Garden“. 
Fruit nature - close orchards

Renewed nature-close orchards brings sustainable **ekosystem services for landscape as a „biocenters“**, what help to save water and soil in surrounding countryside.
Fruit extensive alleys
Fruit alleys in track of old roads, through intensive arable landscape makes multifunctional anti-erosion and water protecting "biocorridors".
Landscapes and the countryside is a place for new experiences, young people and volunteering.
Project „Service Tree - tree of the Slovácko Region“

Project leaded in cooperation of:
- Municipality of village Tvarožná Lhota,
- INEX voluntary service Bílé Karpaty NNO

In support of small farmers and volunteers.

- New Bearers of Service Tree Tradition
- Tvarožná Lhota

- succeeded on the Landscape Award of the Council of Europe 2014 - 2015
Beautiful Service Tree
Tree of the Slovácko Region
Service Tree

Family Tree

„Romantics plant roses,
real human plant Service Trees“

.. because lives up
to 500 Years.
Service Tree

Rewarding

... because gives over 1 Ton of Fruit per Year
Service Tree
Fruit Variety
... is close future.
Service Tree
Fruit gastronomy .... is coming.
Service Tree
Markets, Tasting, ... is South Moravia specialty

Slow Food
Bílé Karpaty

Tree of the Slovácko region
Service Tree
Festivals, Seminars, Field Trips ... what more?
Service Tree
New Bearers of Tradition .... Is lifestyle.
Service Tree

..... Is potential for cooperation in Europe.
Thanks for your attention
Děkuji za pozornost

Mgr. et Mgr. Vít Hrdoušek

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