



## WORKING COMMUNITY of the DANUBE REGIONS

Working Group "Sustainability, Energy, Environment"

### Soil Protection and Sustainable Land Use

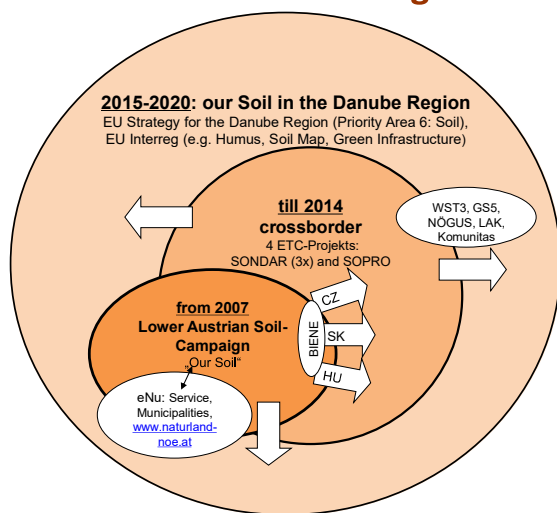
Tulln, April 10, 2019

DI Christian Steiner & DI Dr. Erwin Szlezak,  
NÖ Agrarbezirksbehörde/Fachabteilung Landentwicklung

ARBEITSGEMEINSCHAFT  
DONAULÄNDER  
PRACOVNÍ SPOLEČENSTVÍ  
PODUNAVSKÝCH ZEMÍ  
PRACOVNE SPOLOČENSTVO  
PODUNAVSKÝCH KRAJIN  
DUNAMENTI TARTOMÁNYOK  
MUNKAKÖZÖSSÉGE  
RADNA ZAJEDNICA  
PODUNAVSKIH REGIJA  
RADNA ZAJEDNICA  
PODUNAVSKIH ZEMALJA  
COMUNITATEA DE LUCRU  
A STATELOR DUNĂRENE  
РАБОТНА ОБШНОСТ  
ДУНАВСКИ СТРАНИ  
РОБОВА СПІВРУЖНІСТЬ  
ПРИДУНАВСЬКИХ КРАІН



## Our Soil in the Danube Region



### THE FOUR PILLARS



11 priority areas, coordinated by a priority area coordinator



- ✓ PA 6 SONDAR Soil Strategy Network in the Danube Region
- ✓ PA 6, 7, 8, 9 SOPRO Soziale Produktion für die Umwelt
- ✓ PA 6, 7, 8, 9 SONDAR+ Sustainable Strategy Network in the Danube Region
- ✓ PA 9 BeFoRe Beteiligungsprozesse mit Fokus Globale Verantwortung



## Soil Protection Hedges in Lower Austria

### New Plantings

- about 30 hectares per year
- about 80% of new installations
- about 20% Re-greening of old facilities

### Wood Maintenance, Management Measures

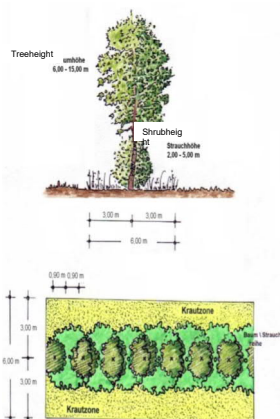
- about 900 greeneries/plantings
- on 150 hectares (3 operations per year)
- in 120 cadastral municipalities

### Total Stock (since 1958)

- about 3.000 hectares

### Plant Requirement per year

- 20.000 trees (on average)
- 80.000 shrubs (on average)
- mainly produced in our own tree nursery
- from regional seeds, harvested in Lower Austria



## Recommendation "soil protection & sustainable land use"

### 1.

The Working Group "Sustainability" within the ARGE Donauländer continues its cooperation with Priority Area 6 "Biodiversity, Landscape, Air and Soil" of the EU Strategy of the Danube Region. In this context on-going and future projects are embedded and disseminated by the Task Force SONDAR = Soil Strategy Network in the Danube Region.

Der Arbeitskreis Nachhaltigkeit in der ARGE Donauländer setzt seine Zusammenarbeit mit der Priorität 6 „Biodiversität, Landschaft, Luft und Boden“ der EU Donaunraumstrategie fort. Die Einbettung und Verbreitung von laufenden und künftigen Projekten erfolgt durch die Task Force SONDAR (Bodenschutznetzwerk im Donaunraum).

## Recommendation "soil protection & sustainable land use"

2.

*The Working Community of the Danube Regions acts jointly with existing networks such as SONДАР, ELSA (European Land and Soil Alliance), CASEE (Network der Life Science Universities), Technische Universität Wien to distribute best practice examples in the Danube Region.*

Die Arbeitsgemeinschaft Donauländer arbeitet mit bestehenden Netzwerken wie SONДАР, ELSA European Land and Soil Alliance (Europäisches Bodenbündnis), CASEE (Netzwerk der Life Science Universitäten), Technische Universität Wien zur Verbreitung von best practice-Beispielen im Donauraum eng zusammen.

### WORK PROGRAM 2018

- 25. Working Group "Sustainability, Energy and Environment"  
"Small-scale food production systems (micro-farming)" focusing on „Soil protection and sustainable land use“, April 24/25, 2018 in Tulln
- Interreg-Project AT-CZ "Climate Green"  
Adaptation to climate change by means of Green Infrastructure (Lead: RU3/AT; partner: NOEABB), Kick-off Conference, May 9, 2018, Tulln
- Annual Conference European Land and Soil Alliance ELSA  
"Tatort Boden – Soil Protection under pressure", June, 2018, Stuttgart
- Interreg-Project AT-CZ "INTEKO"  
Technological Innovation of Compost Application and Soil Protection" (Lead Partner: ZERA/CZ), meeting on May 9, 2018, Retz/AT
- Technische Universität Wien  
Summer School in Dealu Frumos, Transylvania/Romania, July 9-13, 2018
- EUSDR Annual Forum – Side Event  
Working Community of the Danube Regions at the Austrian Embassy in Sofia, October 17, 2019

### Work Program 2019, outlook

- April 9/10, Tulln: Working Group „Sustainability, Energy & Environment“, 26<sup>th</sup> Conference "Innovations for Soil Health" in cooperation with CASEE, BOKU and Healthacross
- May 7, Vienna: Interreg HU-AT "AgriNature", Kick off at Bio Forschung
- May 16/17, Rheine/GE: European Land and Soil Alliance ELSA "Soil Protection and Energy Transition", Annual Conference
- May 23, Lednice/CZ: Interreg AT-CZ "Climate Green", Conference
- ➔ June 26, Bucharest: Working Community of the Danube Regions, Side Event at the Annual Forum of the EU Strategy of the Danube Regions

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3.

*The Working Community of the Danube Regions turns special attention to the implementation of the 17 Sustainable Development Goals, adopted by the United Nations.*

Die Arbeitsgemeinschaft Donauländer legt besonderes Augenmerk auf die Umsetzung der von den Vereinten Nationen beschlossenen 17 Nachhaltigkeitsziele (Sustainable Development Goals).

### On-going projects 2018/2019

- Humus Management  
and regional Production of Organic Fertilizers (Bio Forschung Austria)
- LUCASSA (LUCAS SOIL Austria)  
Analysis of soil samples according to standardized methods (Lead Partner: AGES)
- Alliance of Networks of Sustainability and Health (co-operation with HealthAcross): project "HESOP Healthy soil for healthy people"
- Shelter belts as Biotope Network Systems:  
Assessment and Implementation
- Soil Fertility:  
Area-wide Humus Management and regional Production of Organic Fertilizers provide relevant contributions to the adaption to climate change



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