

# PROLINE-CE

## WORKPACKAGE T4, ACTIVITY T4.3

### DRIFLU CHARTA AND RELEVANT FOLLOW-UP ACTIVITIES

#### D.T4.3.2 CONCLUSIVE REPORT ABOUT PUBLISHING OF THE DRIFLU CHARTA

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#### WP T4 - ADVANCEMENT: STRATEGIC POSITIONING AND COMMITMENT

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June, 2019

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## 1. DriFLU Charta



### DriFLU (Drinking/Water/Floods/Land use) Charta

Among

Institutions within the participating countries in the project  
PROLINE-CE

“Efficient Practices of Land Use Management Integrating Water  
Resources Protection and Non-structural Flood Mitigation”

Co-funded by ERDF in the frame of  
CENTRAL EUROPE Programme 2014 -2020

Vienna, 04.06.2019



## DriFLU (Drinking/Water/Floods/Land use) Charta

The United Nations General Assembly declared safe and clean drinking water as a human right. However, recent studies have revealed that water resources are under increasing pressure, mainly due to changes in land use and climate. The vulnerability of water resources is therefore constantly rising.

Within the Central Europe Region, there are several challenges which ask for an intensified cooperation between its countries. The need for adapted and target-oriented land-use activities concerning the protection of drinking water resources and balancing conflicts of land-use pressure on water is evident. It was the main task of the project PROLINE-CE to develop respective best practices.

Partly, drinking water protection is already an integrated part of some land-use management practices, but its implementation and realisation lags behind.. The main objective of PROLINE-CE was therefore the creation of guidelines and recommendations for the implementation of sustainable land use and flood/drought management, leading to an improved protection of drinking water resources. Based on the experiences gained during pilot actions in various geographic and thematic fields and thanks to a strong stakeholder involvement, optimized best management practices were commonly developed. They mainly aim on local (e.g. municipalities) / regional respectively operational (e.g. farmers, foresters, water supplier) levels and were structured according to different categories of land use and vegetation covers (Forestry, Agriculture, Urban areas / Transport/Industrial units / Energy production, Grassland, Wetland). Additionally, issues related to general water management were taken into consideration. While most of these proposed practices and recommendations call for relevant adaptation processes of existing strategies or policies in each country, some of them were already accepted and could partially be implemented by municipalities or water suppliers during project lifetime.

### Call for Action

To determine the most important tasks towards an optimized and effective land use and flood / drought management with efficient organizational structures regarding drinking water protection and considering also climate change issues despite uncertainties currently affecting projections the signatories of this document recommend the following actions:

- **Develop stricter rules** (especially concerning fertilizer and pesticide applications in agriculture), considering actual guidelines (e.g. Nitrate Directive) and measures according to the demands of sustainable water quality and quantity and foster respective control and monitoring
- **Support efficient education systems** for land users and public water management administrations in cooperation with all affected stakeholders





- Foster a better cooperation among different water and land use related sectors and national/regional/local levels as well as the involvement of relevant stakeholders already at the beginning of planning processes as promoted by the Agenda 2030
- Provide the main results of PROLINE-CE (content of the DriFLU Charta) to the actual development of the new regulations concerning subsidies of the Common Agricultural Policy, to the Drinking Water Directive, the Water Framework Directive, the Groundwater Directive and the Floods Directive as well as to macro-regional EU strategies (EUSDR, EUSALP, EUSAIR, EUSBSR)
- Encourage the adoption of PES (Payments for the provision of Ecosystem Services) schemes for land users, if the implemented measures (e.g. Best Management Practices of PROLINE-CE) go beyond the level of national/regional legal frame. These payments always should be transparent for all stakeholders to raise the awareness
- Foster integrated river basin or catchment-oriented planning of measures and integrative flood risk management, such as synchronized drinking water protection and flood risk management measures
- Foster and spread target-oriented solutions and non-structural measures for drinking water protection and flood/drought mitigation (developed within PROLINE-CE) to affected stakeholders. For example: organic farming (without application of fertilisers, manure and pesticides in the narrowest drinking water protection zone), vegetated buffer strips along agricultural fields and water bodies, mixed forest stands according to the natural forest community, retention ponds on farms and urban areas, rain gardens in cities, river restoration, wetland and floodplain restoration /conservation supported by integrated spatial planning
- Provide economic or legal incentives to increase awareness and initiatives about the potential impacts of climate change
- Promote interdisciplinary and cross-sectoral research activities in order to meet the transboundary water policy and water management needs on catchment level (e.g. monitoring and model simulation activities) considering also climate change aspects
- Foster strategic and integral concepts for source water protection and planning for drinking water protection (e.g. Water Safety Plans) to ensure a sustainable water supply, considering climate change issues
- Monitor the implementation of recommended actions

The DriFLU Charta is a joint declaration act and not legally binding, but a statement of intent to provide recommendations for common policies and actions in the field of drinking water protection and related flood/drought mitigation in the CENTRAL EUROPE programme area according to the main outcomes of PROLINE-CE.

Signed in Vienna, on 4<sup>th</sup> June 2019, in 15 original copies in English language, all being equally identical. In case of any divergence of interpretation, the English text shall prevail.





ON BEHALF OF

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**Lead Partner, ERDF Project Partner 1**

Austrian Federal Ministry of Sustainability and Tourism,  
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4.6.2019

Date, signature

Dr. Johannes Schima, Head of department "Forest Protection, Forest Development  
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ON BEHALF OF

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**ERDF Project Partner 2**

City of Vienna - Municipal Department 31 (Vienna Water)  
Grabnergasse 4-6, 1060 Vienna, Austria

4.6.2019 

Date, signature

Dipl. Ing. Walter Kling, Deputy Managing Director



ON BEHALF OF

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**ERDF Project Partner 3**

Municipality of Waidhofen/Ybbs  
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4.6.2019 

Date, signature  
Mario Wührer, Vice-Mayor



ON BEHALF OF

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**ERDF Project Partner 4**

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prof. dr. Igor Papič, Rector

Date: 29.5.2019

**PO POOBLASTILU:  
BY AUTHORITY OF:**

red. prof. dr. Tanja Dmitrovič  
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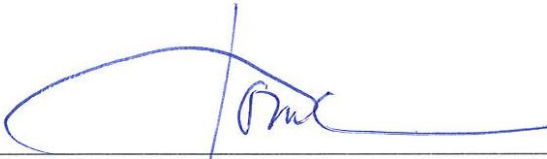


ON BEHALF OF

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**ERDF Project Partner 5**

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p.p.  4.6.2019

Date, signature  
Jože Tomec, Head of water supply division





ON BEHALF OF

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4.6.2019

*Gaul Róka Dávid*

Date, signature

Réka Gaul, Ministry of the Interior of Hungary, Deputy Head of Department of River  
Basin Management and Water Protection




ON BEHALF OF

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**ERDF Project Partner 8**

Croatian Geological Survey,  
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4.6.2019 

Date, signature

Slobodan Miko, PhD, Director



ON BEHALF OF

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**ERDF Project Partner 9**

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4.6.2019

Date, signature

Meuccio Berselli, Autorità di Bacino Distrettuale del Fiume Po, General Secretary



ON BEHALF OF

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**ERDF Project Partner 10**

Polish Waters

Grzybowska 80/82, 00-844 Warsaw, Poland

2019-05-29

Prezes  
Państwowego Gospodarstwa Wodnego  
Wody Polskie  
*Przemysław Dac*

Date, signature

Przemysław Dac, President



ON BEHALF OF

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**ERDF Project Partner 11**

Silesian Waterworks PLC  
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4.6.2019 *Mirosława Skrzypczak*

Date, signature

signed by Mirosława Skrzypczak on behalf of Henryk Drob, CEO





ON BEHALF OF

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**ERDF Project Partner 12**

Technical University of Munich  
Arcisstr. 21, 80333 Munich, Germany

4.6.2019

Date, signature

Prof. Dr. Martin Grambow, Bavarian State Ministry of the Environment and  
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ON BEHALF OF

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**ERDF Project Partner 13**

Euro-Mediterranean Centre on Climate Change Foundation  
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4.6.2019 Michele Salviato

Date, signature

Signed by Dr. Michele Salviato on behalf of Dr. Antonio Brunori, Programme for the  
Endorsement of Forest Certification schemes (PEFC) Italia, Secretary General



ON BEHALF OF

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**ERDF Project Partner 14**

Herman Ottó Institute Nonprofit Ltd.  
Park utca 2, 1223 Budapest, Hungary

4.6.2019

Date, signature  
Géza Barta, Deputy Executive Director

## 2. Round Table

Prior to the signing procedure, a round table discussion with the title “**Challenges and integration of land use and (drinking) water management**” was organized, lead by Primož Banovec of the University of Ljubljana.

The participants presented interesting statements and their points of view concerning the above mentioned challenges and the benefits in view of the project outcomes.

Special thanks to the participants:

Mr. Johannes Schima (Forest Department of the Austrian Ministry of Sustainability and Tourism)

Mr. Kuschnig (Vienna Water)

Mr. Grambow (Bavarian State Ministry, Director General for Section V, Water Management and Soil Protection)

Mr. Konstantin Ivanov (Regional Coordinator Global Water Partnership)







### 3. Picture-documentation of signing procedure

The DriFLU charta was signed by notable representatives of the 13 partner-institutions or other relevant institutions in the water management sector on behalf of the partner. In case the signing person was not available, the document was presented by the project leader of the relevant institution.



Dr. Johannes Schima, Head of department “Forest Protection, Forest Development and Forestry Subsidies”, signing for the lead-partner, PP1, Austrian Federal Ministry of Sustainability and Tourism.



Dipl. Ing. Walter Kling, Deputy Managing Director, signing for the project partner 02, City

of Vienna - Municipal Department 31 (Vienna Water).



Mario Wührer, Vice-Mayor of the Municipality of Waidhofen/Ybbs, signing for project partner 03.



The document was signed by Prof. Dr. Igor Papič, Rector of the University of Ljubljana. The document was presented by Dr. Barbara Čenčur Curk, project leader of project partner 04, University of Ljubljana, Faculty of Natural Sciences and Engineering, Department of Geology.



Jože Tomec, Head of water supply division, signing for project partner 04, Public Water Utility JP VODOVOD-KANALIZACIJA SNAGA d.o.o.



Ms. Réka Gaul, Deputy Head of Department of River Basin Management and Water Protection in the Hungarian Ministry of Interior, signing for project partner 07, General Directorate of Water Management, HU.





Slobodan Miko, PhD, Director of the Croatian Geological Survey, signing for project partner 08.



Meuccio Berselli, General Secretary of Autorità di Bacino Distrettuale del Fiume Po, signing for project partner 09, Regional Agency for Prevention, Environment and Energy in Emilia-Romagna.



The document was signed by Przemysław Daca, President of Polish Waters. The document was presented by Norbert Jazwinsky, project leader of project partner 10.



The document was signed by Mirosława Skrzypczak on behalf of Henryk Drob, CEO of Silesian Waterworks PLC, project partner 11.





Prof. Dr. Martin Grambow, Bavarian State Ministry of the Environment and Consumer Protection, Director General for Water Management and Soil Protection, signing for project-partner 12, Technical University of Munich.



Dr. Michele Salvato signing on behalf of Dr. Antonio Brunori, Programme for the Endorsement of Forest Certification schemes (PEFC) Italia, Secretary General for project partner 13, Euro-Mediterranean Centre on Climate Change Foundation.



Géza Barta, Deputy Executive Director, signing for project partner 14, Herman Ottó Institute Nonprofit Ltd.