

Prof. dr. Tjaša Griessler Bulc

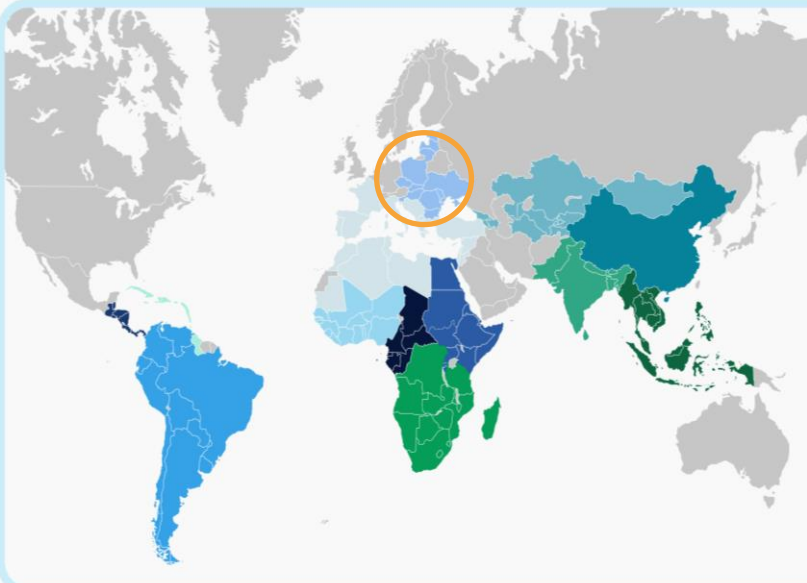
*Global Water Partnership for Central
and Eastern Europe
Chair*

*University of Ljubljana
Faculty of Health Sciences
Faculty of Civil and Geodetic
Engineering*

12th EUSDR Annual Forum 25 October 2023 in Brdo pri Kranju, Slovenia, 2023

Global Water Partnership

An international organization dedicated to strengthening water management, governance and water security worldwide.



	PARTNERS (2022)
Caribbean	144
Caucasus and Central Asia	143
Central Africa	193
Central America	203
Central and Eastern Europe	194
China	98
Eastern Africa	318
Mediterranean	108
South America	390
South Asia	436
South East Asia	282
Southern Africa	401
West Africa	256
Global	337
Total	3,503

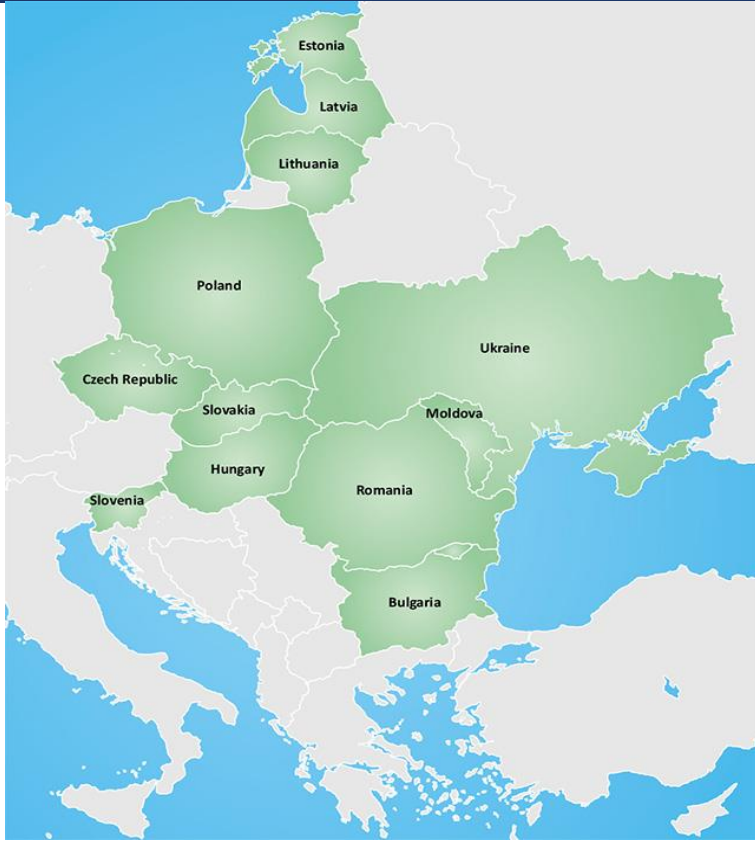
Advocating, facilitating, and supporting change processes for sustainable water management.

A neutral platform for multi-stakeholder dialogue at global, national, and local levels that connects water resources planning and operations.

Contributing technical knowledge and building capacity for improving water management.

- ✓ 3,000+ partner organizations in over 180 countries
- ✓ 65+ Country Water Partnerships
- ✓ 13 Regional Water Partnerships

Global Water Partnership Central and Eastern Europe



GWP Central and Eastern Europe

- ✓ Regional and transboundary cooperation
- ✓ Supporting water-secure agenda on a regional level
- ✓ Engagement with youth and young water professionals
- ✓ Transfer of partners' experience in the region and beyond



Highlights are also realized through nature-based solutions activities

GWP TOOLBOX IWRM action hub –

www.gwptoolbox.org

Learn

Master the art of IWRM by browsing our handpicked resources and tools, pulled together by practitioners and professionals from all over the world.

Study...

- Tools
- Resources
- Learning opportunities



Explore

Discover what IWRM means in practice with empirical case studies from all around the world. Match what you want to do with practical solutions by using our tailored curator and explore our IWRM Survey.

Discover...

- Case studies
- Country profiles

Connect

Connect with the network and communities of water professionals, innovators, practitioners, and policy makers who are passionate about working towards a water secure world.

Engage in...

- Communities
- Discussions and opportunities

Community

Nature-based Solutions in Water Management

Key topics (but not limited to)

- ✓ **Droughts and floods**
- ✓ **Sustainable sanitation and water reuse**
- ✓ **Nature-based solutions**

Welcome to register!

COMMUNITY OF PRACTICE - NBS in Water Management

Unite professionals with passion in the same field of interest

Provide an engaging way to different experts to learn, exchange and develop further their skills

Offer insights, opportunities and regular updates on specific topics

Enhance collaboration processes and stimulate learning and capturing knowledge

Provide a curated space for a dialogue, exchange and exploration of new possibilities

OUR COMMUNITIES IN ACTION

1164

members

40

discussions

47

opportunities

59

events



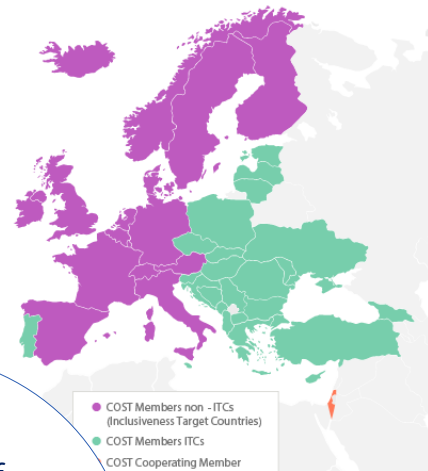
Online course on nature-based solutions in urban areas



The Network ▾ Our work ▾ Knowledge for all ▾ Newsroom English ▾ [Virtual Campus Access](#) 🔍



Circular City
circular-city.eu



NATURE-BASED SOLUTIONS FOR CREATING
CIRCULAR CITIES

www.circular-city.eu

A network of
> 640 experts on
nature-based solutions
from 39 European
countries



The EdiCitNet project

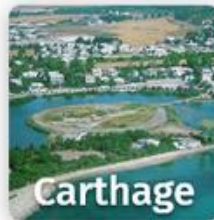


<https://www.edicitnet.com/>

EdiCitNet is demonstrating **edible nature-based solutions (NBS)**.

The aim is to introduce the whole chain of urban food production into planning practices as a systemic solution for:

- ✓ More sustainable management of resources in cities.
- ✓ Increasing social cohesion and inclusiveness.



Other partners: 11 NGOs and SMEs; 10 Universities

EdiCitNet toolbox

JOIN:

<https://toolbox.edicitnet.com/>

EdiCitNet Toolbox

Search, Learn & Create Edible City Solutions (ECS)


-  [LOG IN](#)
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-  [New ECS Profile](#)
-  [New ECS Experience](#)

DESIGNING AND PLANNING ECS ECS PERFORMANCE



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LEAVE US A COMMENT

Edible Map
Edible List
Edible Feed 


WHAT ARE YOU INTERESTED TO SEE?

 Edible City Solutions (ECS) 

Master plans 

Food-related projects 

SEARCH

ADVANCED SEARCH 

		Unit	Amount
RESOURCE S DEMAND	WATER	m3/year	24,277
	N	kg/year	565
	P2O5	kg/year	170
	K2O	kg/year	674
	ENERGY	kWh/year	low
PRODUCTS, YIELD	HUMAN	hours	182,773
	VEGETABLES	kg/year	155,621
	FRUITS	kg/year	
	ENERGY VALUE	kcal/year	54,100,565
	CARBOHYDRATES	g/year	11,372,180
	FATS	g/year	175,720
PROTEINS	g/year	2,153,220	

NBS SPATIAL UNITS

NBS TECHNOLOGICAL UNITS

SUPPORTING UNITS

Food & biomass production

Productive garden (49)
Urban forest (50)
Urban farms and orchards (51)

(44) Aquaculture
(45) Hydroponic and soilless technologies
(46) Organoponic / Bioponic
(47) Aquaponic farming
(48) Photo Bio Reactor

(Public) green space

Green corridors (37)
Green belt (38)
Street trees (39)
Large urban park (40)
Pocket/garden park (41)
Urban meadows (42)
Green transition zones (43)

Vertical Greening Systems & Green Roofs

(13) Ground-based green facade
(14) Wall-based green facade
(15) Pot-based green facade
(16) Vegetated pergola
(17) Extensive green roof
(18) Intensive green roof
(19) Semi-intensive green roof
(20) Mobile green and vertical mobile garden

Remediation, Treatment & Recovery

Treatment wetland (21)
Waste stabilisation pond (22)
Anaerobic treatment (26)
(for nutrient, VFA & methane recovery)
Aerobic (post) treatment (27)
(for water recovery)

(S3) Phosphate precipitation
(for P recovery)
(S4) Ammonia stripping
(for N recovery)
(S5) Disinfection
(for water recovery)
(S6) Biochar/Hydrochar
(S7) Solid/liquid separation
(S8) Membrane filtration
(S9) Adsorption
(S10) Advanced Oxidation

Rainwater management

Infiltration basin (1)
Infiltration trench (2)
Filter strips (3)
Filter drain (4)
(Wet) Retention pond (5)
(Dry) Detention pond (6)
Bioretention cell (7)
Bioswale (8)
Dry swale (9)
Tree pits (10)

(S1) Rainwater Harvesting
(S2) Detention vaults and tanks

NBS case studies for resource recovery, green products, health risk management



Thank you!