

Sub-project description for the website

Sub-project Title:

Restoration of Lake Danceni through Integrated Indicators:
Feasibility, Monitoring, Demonstration and Scaling-Up of a Path4Med
Solution

Sub-project Acronym:

RISE-DAN

**Responsible local and/or
regional public authority:**

*Name and website link Mayor's Office of the Village of Danceni
(Local Public Authority)*
danceni.localitate.md, <https://danceni.localitate.md/>

Location of the sub-project:

*Republic of Moldova/ Danceni village, Ialoveni district, 31 August
street, 4, MD-6814*

**Local and/or regional public
authority logo:**

Please send it as a separate file (in .png transparency)

**Description of the local
and/or regional public
authority:**

max. 1000 characters
*Local Public Authority established under Law No. 764-XV of 27 December
2001 and Law No. 436 of 28 December 2006 on Local Public
Administration. The Municipality of Danceni is responsible for local water
and environmental management, protection of water bodies, pollution
prevention, public utilities and sanitation services, land and soil
management, and the planning and implementation of infrastructure and
sustainable development measures. These responsibilities include the
maintenance and ecological protection of local lakes and reservoirs,
monitoring of environmental conditions, and the implementation of
publicly funded environmental and community projects, fully aligned with
the Path4Med solutions for integrated water quality and quantity
management.*

Contact Person

Name and email
Mariana Ursu,
danceni.town.hall@gmail.com

**Additional
contact
(optional)**

Name and email

Funding Awarded:

100.000,00 euro

**Brief Description of sub-
project:**

*Please briefly describe the local challenge addressed, the Path4Med
solution(s) to be implemented and the expected impact of the sub-
project. Max. 1000 characters.*
*Path4Med solution: Integrated indicators for water management and
water quality/quantity monitoring. The project is organized into three
interdependent Work Packages (WP1-WP3) corresponding to the
Path4Med implementation phases: Feasibility,
Replicability/Demonstration, and Scalability. The work plan follows a
Water Framework Directive (WFD)-aligned, indicator-based
environmental management approach integrating baseline assessment,
systematic monitoring of hydrological and physico-chemical quality*

elements, targeted pilot interventions, and quantitative evaluation of ecological improvement. Activities are designed to be low-impact, reversible, and compliant with the Do No Significant Harm (DNSH) principle. The project contributes to environmental protection by applying low-impact, indicatorbased water management measures that reduce pollution pressures, restore ecological functions, and strengthen sustainable governance in the Danceni agro-hydro system, fully aligned with the Do No Significant Harm (DNSH) principle. Environmental and sustainability benefits • Reduction of nutrient loads and eutrophication risk • Improvement of water quality and ecological status (WFD-aligned) • Decrease of internal phosphorus release from sediments • Nature-based, reversible measures with minimal disturbance • No permanent hydromorphological alteration or chemical use (DNSH compliant) • Low energy demand and low carbon footprint • Long-term monitoring and adaptive management embedded in municipal planning • Replicable, low-cost solution for similar small reservoirs KPIs • $\geq 20\%$ reduction in total phosphorus and $\geq 15\%$ reduction in total nitrogen • ≥ 0.30 m increase in water transparency (Secchi depth) • ≥ 2 mg/L increase in dissolved oxygen in pilot areas • $\geq 95\%$ monitoring data completeness • 0 significant negative environmental impacts recorded (DNSH compliance)

Social media of the Responsible local and/or regional public authority (include links for all that apply)

LinkedIn:

Facebook: Primăria Dănceni,

https://www.facebook.com/primaria.danceni.9?locale=ro_RO

X:

YouTube:

Other (please specify):

Sub-project logo (if available)

Please send it as a separate file (in .png transparency)

Communication Material

Please provide high-quality photos and, where available, short videos for use on the Path4Med website and social media channels. Please send them as separate files.