УНИВЕРЗИТЕТ У НОВОМ САДУ
ТЕХНОЛОШКИ ФАКУЛТЕТ НОВИ САД

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Title of the project:
Twinning for enhancing the scientific excellence of Faculty of Technology Novi Sad for innovative solutions to protect environmental resources from contaminants of emerging concern

Link:
www.twinsol-cecs.com

Project number:

GA 101059867

Funding sources:
European Commission – Horizon Europe

Duration of the project:

1.08.2022 – 31.07.2025

Project budget:

€ 1 432 937.50

Logo or acronym:
TwiNSol-CECs

Research area of the project:
Environmental sciences

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Key words:
contaminants of emerging concern, water, nanofiltration, adsorption, sampling.

Project summary:
Surveillance of contaminants of emerging concern (CECs) has important role in protection of both humans and the environmental resources, which is a goal in compliance to the European Green Deal (EGD) commitment for transition of EU to zero-pollution, toxic free environment. However, there is a significant gap between countries and regions in terms of the scientific and innovative capacities needed to tackle the challenge that CECs in the environmental compartments present. Overall objective of TwiNSol-CECs is to raise scientific and innovation excellence of the Faculty of Technology Novi Sad (TFNS), Serbia, in various aspects of the CECs research, integrated in broader EU networks of excellence, and contributing to national and regional scientific and economic growth and well-being. Specific TwiNSol-CECs objectives are:
1. Stepping up the excellence of the TFNS scientific capacity and resources in field of the wide-range CECs' surveillance and innovative removal technologies, contributing to the stronger R&I system in Serbia and WBs integrated in the EU networks of excellence,
2. Intensification of strategic networking activities of TFNS with 2 top-class leading research institutions at EU level: Spanish National Research Council, Institute of Environmental Assessment and Water Research (CSIC), Spain, and NOVA University Lisbon, NOVA School of Science and Technology (UNL), Portugal,
3. Raising reputation, research profile and attractiveness of TFNS and its staff,
4. Strengthening the research management and administration skills of TFNS, and
5. Improving the TFNS creativity in new R&I approaches for the CECs' wide range surveillance and removal with increasing mobility of qualified scientists.
The project represents a coherent set of knowledge-, skills-, experience-, and awareness- raising activities, dissemination, communication, networking, coordination, etc. for successful achieving of the project objectives.

Graphical abstract or graphical presentation of project results:

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