

Welcome to the 4th Edition of the 3DIVERSE Newsletter!

As the 3DIVERSE project progresses, our consortium remains committed to creating a comprehensive and integrated approach to energy transition. By focusing on decentralization, diversity of energy sources, and dynamic load regulation, we aim to implement sustainable energy solutions that encourage community-driven investments and provide tangible benefits to the Savinjsko-Šaleška region and beyond. In this edition, we'll highlight recent achievements, key developments, and upcoming steps toward a cleaner, more efficient energy future.



3DIVERSE Partners Share Latest Innovations in Velenje

On October 1st the 3DIVERSE consortium gathered in Velenje for its 5th General Project Meeting. Hosted by the project coordinator [KSSENA](#), the event brought together all partners to review the progress made in sustainable district heating systems, energy renovations, digital twin technology, and citizen-focused financing models.

The meeting also addressed ongoing communication and engagement efforts to ensure broad participation and support for the project's goals. **Representatives discussed advancements in creating defossilized and efficient district heating systems, emphasizing decentralized energy sources and the use of digital twin models for system optimization.** The consortium explored innovative financial solutions, including citizen engagement through energy communities and decentralized finance models. These approaches aim to empower citizens to participate in sustainable energy investments.

As the project moves into its final stages, the consortium remains focused on delivering lasting, replicable models for energy sustainability that will contribute to reducing fossil fuel dependence in district heating systems.



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Partner Spotlight: University of Ljubljana, Faculty of Mechanical Engineering

In our latest update, we reached out to Tine Seljak from the [University of Ljubljana's Faculty of Mechanical Engineering](#), a crucial partner in the 3DIVERSE project. The faculty leads tasks related to biogenic energy sources, renewable integration, and infrastructure development. Below, Tine shares his thoughts on the project's goals and challenges:

What outputs or results would you like to see from the 3DIVERSE project?

“3DIVERSE is an exceptional opportunity for the region. With its well-thought investment plan supported by guidance from highly skilled professionals and researchers, I think it is one of the biggest pushes for defossilization in the region as it really tackles the transition systemically, by essentially taking into account several sectors, from heating to cooling, electricity and mobility. The results are planned in advance, but looking at the potential of the project and its ecosystem, I believe there is an opportunity for exceptional multiplication of the results – this is what I would like to see and I think it is realistic to expect that the approach will be adopted and might even become standard in the future efforts towards integration of renewable energy sources in a holistic manner.”



The biggest challenge in transforming the Šaleška Valley lies not in technical difficulties, which are always solvable within the limits of physics, but in societal and economic issues.



Tine Seljak

University of Ljubljana, Faculty of Mechanical Engineering

Warming Up to SAŠA's Transition: A Workshop on Green Transformation

On September 11th, the 3Diverse team participated in a pivotal workshop in Velenje, focusing on the green transformation of the Šaleška Valley. The event centred on raising public awareness about the upcoming renovation of the district heating system in the SAŠA region, alongside promoting energy efficiency and encouraging sustainable habits.

Key stakeholders from local government, regional agencies, and the European Commission joined the discussion, which was organized under the European Commission's Just Transition Platform [JTP Groundwork](#). The workshop, a part of the SAŠA Transition Plan, aimed to develop communication strategies that will drive public support and understanding of the project's goals. These insights will be invaluable in supporting our ongoing communication efforts within the 3DIVERSE project, ensuring that citizens are well-informed and engaged in the energy transition process.

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Visit by a delegation from North Macedonian Marks 3DIVERSE Collaboration

During this summer, we welcomed a **delegation from North Macedonia** as part of an important knowledge exchange with the 3DIVERSE project. Hosted by our partners from [Faculty of Electrical Engineering, University of Ljubljana](#), the visit included officials from the Municipality of Bitola and various NGOs focused on sustainable development.

The visit was a valuable opportunity to share the outcomes of our work in district heating transformation, zero-emission mobility, renewable energy, energy renovation, and innovative financing. **This collaboration aims to support the green transformation of coal regions, with the Šaleška Valley serving as a replicable model.** Establishing these connections underscores our commitment to sharing knowledge and fostering partnerships for sustainable energy solutions.

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Zavod KSENA
Koroška cesta 37a, Velenje, Slovenia

