

Newsletter 1

Project ID: 2023-2-EL02-KA220-YOU-000182904

www.shield-project.eu

Project Motivation and Objectives

SHIELD, "Strategies and Interactive Learning for Energy and Health Optimization," is driven by the urgent need to address the intertwined challenges of climate change, energy sustainability, and holistic health. Research highlights the profound impact of climate-related stressors on both mental and physical health, necessitating innovative solutions. SHIELD aims to empower youth and communities by promoting sustainable energy practices, fostering awareness of health and well-being, and enabling proactive engagement. The project's core objectives are:

- Raising awareness of sustainable energy options and their health implications.
- Promoting holistic well-being by addressing the nexus of energy, environment, and health.
- Equipping communities with innovative educational tools for sustainable practices.
- Encouraging active citizenship and youth entrepreneurship in climate action.

Target Groups and Impact

SHIELD is designed for a diverse range of beneficiaries:

- Youth and Students: To empower them with knowledge and skills for sustainable choices.
- Youth Workers and Educators: To provide them with tools to foster engagement and promote sustainability.
- Local Communities: To enhance their understanding of sustainable living practices.
- Environmental and Health Advocates: To strengthen outreach and advocacy efforts. Impact projections include increased community awareness, enhanced learning outcomes through interactive modules, and the establishment of youth-led community action groups addressing energy and health challenges.

Work Packages Overview

SHIELD's structured implementation is divided into five work packages:

- WP1: Project Management

Ensures seamless coordination, communication, and monitoring among partners.

- WP2: Research and Development of Toolkit

WP3: Implementation and Training for Capacity Building

- Conducts workshops and training sessions for youth and community stakeholders.

WP4: Mobilities and Evaluation

- Facilitates mobility opportunities and evaluates project impact.

WP5: Impact and Dissemination

- Implements an extensive dissemination strategy to maximize outreach and engagement.



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Partners Overview

University of Western Macedonia (UoWM) - Greece

The University of Western Macedonia (UoWM) hosts the Laboratory of Environmental Technology, renowned for its expertise in environmental engineering, sustainability, and health-related research. UoWM's contributions include:

- Leadership in foundational research on the energy-health nexus.
- Advanced knowledge in hydrocarbon and thermodynamic technologies.
- Development of innovative methodologies and tools for environmental education.

The laboratory has participated in various European programs such as LIFE, HORIZON 2020, and Erasmus+, showcasing a strong commitment to sustainability and education.

Foundation Korenyak - Bulgaria

Established in 2009, Foundation Korenyak is dedicated to the social and professional development of youth and the promotion of active citizenship. The foundation focuses on:

- Youth empowerment and education, particularly in the Southwest region of Bulgaria.
- Dissemination of European values, cultural diversity, and human rights.
- Development of non-formal education methods to foster active citizenship and multicultural dialogue.
- Their extensive experience with EU-funded projects like Youth in Action and Erasmus+ strengthens their role in creating impactful educational initiatives.

Association for Sustainable Social Development and Volunteerism (DRVO) - Croatia

Located in Križevci, DRVO is committed to community participation, environmental sustainability, and societal values. The organization excels in:

- Promoting volunteerism and active community involvement.
- Conducting awareness campaigns on sustainable energy and health.
- Organizing workshops and seminars to advocate for healthy lifestyles and environmental protection.
- DRVO's focus on sustainable living and community engagement aligns seamlessly with SHIELD's goals.

This newsletter marks the beginning of an exciting journey toward a sustainable future where energy, environment, and well-being harmoniously intersect. Stay connected with SHIELD for updates and opportunities to get involved!

