SWIM and Horizon 2020 Support Mechanism

Working for a Sustainable Mediterranean, Caring for our Future

Jordanian teachers' views on Education for Sustainable Development (ESD)

Presented by:

Ms Iro Alampei, ESD officer, MEdIES

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Results of e-questionaire

The purpose of the questionnaire is to outline the background, perceptions and expectations of the trainees regarding ESD.

It was circulated one week before the training.

22 Responses (by 11/9, at noon)

https://docs.google.com/forms/d/1AeqkqYb6lh_ENls3wvwShq6xgnz-kYhH-1lwFtVfH-4/edit#responses

Trainees' profile & experience in education

Name an environmental / SD project you have been involved with:

ESD holidays, Environmental camps, summer trainings (e.g. Fingerprint)

Solid waste Management in Schools

Knights of Nature program, a permanent semester program

School radio

School Networks (ASP network of UNESCO; Eco schools Committee)

Training workshops & lectures by experts on Sustainable Development, Recycling, etc

Eco-Labels with emphasis on Sustainable Development

Integrated Sustainable Coastal Development

Human rights of less privileged & poor

Dissemination of environmental and SD topics in the media

Publications in Scientific Journals, books, awareness material

International Days Celebration (Migratory Bird Day, World Earth Day)

Environmental clean-ups

National Adaptation Plan & launching the Technology Needs Assessments Report

Questions about the Mediterranean Strategy on ESD

Is there another **measure** that you consider important to be included in a National ESD Action Plan for your country?

- **Integration of SD tools in academic programs for schools and universities**
- **Achieve universal primary education for all boys and girls by 2015**
- **Increase motivation and sense of responsibility to work**
- **Students can implement many SD projects, and Schools can act as effective communicators to the communities**
- **Environmental citizenship**
- **Volunteering for environmental & community participation programs**
- **Integration of SD in the Ministries' plans and public awareness**
- **We need to increase the culture of preserving the environment and motivate those who do so through financial support, laws , etc.**

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Questions about the Mediterranean Strategy on ESD

Is there another **topic** that you consider important to be included in a National ESD Action Plan for your country?

- **Incorporate SD into school curricula and enhance students' awareness of its importance**
- **Pressure on decision-makers to adopt awareness raising strategies, through supporting environmental associations to hold workshops and training courses**
- **Develop a comprehensive global partnership for development with an open, non-discriminatory financial trading system, good governance, poverty reduction, including the special needs of the least developed countries**
- **Exchange of experiences between countries and keep abreast of everything that supports the subject**
- **Climate change, illiteracy**
- **Further raising of public awareness on environmental problems**
- **Environmental laws and the International Security and Peace**

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Questions about the Mediterranean Strategy on ESD

Do you have another idea for a **regional ESD initiative**?

- **Make use of the experience and resources of international institutions, e.g. UNESCO, in supporting schools to work on sustainable development issues through annual or biennial programs and plans.**
- **Support pilot projects such as waste recycling and recycling**
- **Environmental laws and the International Security and Peace**

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SWIM-H2020 specific questions

Specific **problem** related either to wastes or water.

WATER:

- The country suffers from increased water shortages, with added pressures due to climate change
- Combined problems due to low rain and discharge of waste water in streams, leading to crops contamination
- Water is not clean enough for domestic uses, high amount of sand in tanks
- Refugees crisis adds pressures to water quality and quantity
- Lack of public awareness for the optimal exploitation and rationalization of water consumption (+++)

WASTES:

- Increased waste generation without proper discharge, handling, recycling
- Plastic wastes
- Lack of awareness how to dispose waste properly
- National losses due to non–recycling of wastes
- Need to separate solid waste into 3 categories: organic, cans, others
- Waste accumulation, dumping trash in streets, littering in public places
- Need for piloting waste management projects all around Jordan

In general, limited public awareness of the environmental problems our country that faces
There are various locally relevant initiatives, but they need funding to work on the ground

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SWIM-H2020 specific questions

What is the main **obstacle** in dealing with the problems?

- **Both natural and human factors**
- **Behaviors, Lack of motivation to act, Lack of awareness of the importance of problems, indifference; mentality of considering the problem inevitable, etc.**
- **Low awareness of water use in agriculture and industry; Illegal uses of water**
- **Population growth, rapid & unplanned urbanization**
- **Weak environmental policies and laws; no controls from competent authorities**
- **Governments and decision-makers are not responding to the importance of tackling such problems, Absence of plan, inefficient management; Lack of public funding**
- **Absence of new innovative ideas to solve problems**

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SWIM-H2020 specific questions

Role of **education** to address the challenge:

- **ESD integration in the school curricula (formal) combined with NGO work, Environmental Camps (non formal), and Media (festivals, Creative campaigns to influence behaviors and attitudes etc),**
- **Interdisciplinary school activities (lectures from experts, training seminars & field visits & meeting the authorities, problem solving tasks). Compile environmental activity books**
- **Integration with the work of existing networks and initiatives E.g. "Sustainable Schools Project" UNESCO ASP Net, etc.**
- **Capacity building for selected professions of different countries; working groups sharing success stories**
- **Consider a university as node, build a network of schools around it engaged in problem solving**
- **Collaboration of all ministries, and especially the ministry of education**
- **Develop a practical plan to deal with this issue at the national level , build on existing successful realistic projects**
- **Training for illiterate people to collect, sort, fix broken items and resell them**
- **Clarify to the public that SD practices are mandatory services the government provides, rather than a burden forced upon the populace.**

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For further information

Website

www.swim-h2020.eu E: info@swim-h2020.eu

LinkedIn Page

https:// (TBC)

Facebook Page

https://www.facebook.com/Swim-H2020-SM-Project-517590438434444/

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Thank you for your attention.

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