Education for sustainable development (ESD) at BSPU

Sofia Savelava,
Head of ESD Coordination Centre in Belarusian State Pedagogical Maxim-Tank-University,
Earth Charter affiliate in Belarus,
Education for Sustainable Development Association expert

International Education Week, 12.06.2018
1. BSPU – what is it?
2. ESD in Belarus: short overview
3. Education and Sustainable Development: what is the problem?
4. Why Science Shop and what it is?
5. Science Shop in Belarus: idea and perspective for BSPU and RCE-Belarus
1. Sustainable Development – Education

- Sustainable Development (SD) is an ongoing comprehensive social process of change that makes it possible both to protect the current generations quality of life and to secure future generations life options;
- SD is universally recognized as the way to improve individuals opportunities and achieve social prosperity, economic growth and environmental integrity;
- SD is thus a comprehensive concept for modernizing living and working patterns in the 21st century [1]

SD is a holistic and continuous social and cultural innovation

«Political agreements, financial incentives or technological solutions alone do not suffice to grapple with the challenges of sustainable development» [2]

Knowledge / Human Potential are leading factors for ensuring the efficiency of economies, countries security and their innovative transformations

Fundamental changes in value systems

**Earth, Our Home**
- **EQUALITY OF ALL LIVING BEINGS**

**The Global Situation: Security**
- **EQUAL OPPORTUNITIES**

**SD Values**
- **Respect and Care for the Community of Life**
- **Social and Economic Justice**
- **Ecological Integrity**
- **Democracy, Nonviolence, and Peace**

**EARTH CHARTER: SD principles**

**Global Community**
- **CONTINUOUS CHANGES**
- **NON-VIOLENCE AND PEACE**
- **Universal Responsibility**

The right to a better life quality (condition for sustainability)

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[Sustainable development - The situation of life in the framework of continuous changes: Action of new cultural standards (the holistic and continuous social and cultural innovation)]

Earth Charter
(Hague, 29.06.2000)

Earth, Our Home

The Global Situation: Security

**EQUALITY OF ALL LIVING BEINGS**

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Context: **ESD in Belarus**

**Local School’s Agenda – 21**

- Improvement of life quality in families, communities, and regions
- Implementation of SD principles to schools’ lifestyle and regional activities
- Organization of education practices for SD
- Active research for identification and resolution of complex of environmental, economic, and social problems in the regions
- Improvement of life quality in families, communities, and regions

**Sustainable Development Schools:**

- The organization of education practices for SD
- Implementation of SD principles to schools’ lifestyle and regional activities
- Active research for identification and resolution of complex of environmental, economic, and social problems in the regions
- Improvement of life quality in families, communities, and regions

2008 – 2012
Context: ESD in Belarus

ESD Association mission is the integrated support of educational initiatives for sustainable development.

2014 – 5 members

2017

2018

we have

40 members
Context: ESD in Belarus

21 schools & NGOs are Regional ESD Resource Centers

- accumulation and creation of new ESD resources
- improving and expanding youth and adult activities for regional SD
- promoting SD values and organization of ESD practices for all generations
- joint research with stakeholders for a complex of environmental, economic and social problems in the region
- support of population groups inclusion in the regional SD processes
- networking support, establishing and expansion of regional partner networks

2012 – 2018
Problem: **Education and SD integration**

Sustainable Development

People/The local community

Strategy

Education
Problem: **Education and SD integration**

Mission:
- Sustainable Development
- Inclusive participation
- SD schools
- SD strategy
- Integrated support of educational initiatives for sustainable development
- SDGs implementation
- Sustainable lifestyle
- People/The local community
- Education for SD
Science Shop: the tool for integration of education and sustainable development

**Problem:** Education and SD integration

**Mission**
- Education for Sustainable Development
- Complex support of educational initiatives for sustainable development

**Inclusive participation**
- Citizen Science
- Science Shop
- SD Strategy
- SDGs implementation
- People/The local community
- Education for SD
- SD schools
- Sustainable lifestyle

**Sustainable Development**
Science shop: the tool for integration of education and sustainable development

Science Shop is the mediator between citizens and citizen groups and research institutions.

The Science Shop refers to the way civil society’s requests and problems can be transferred into a research set up and be linked to experts in local partnerships.

European RCE meeting at FAIR&FRIENDS 2017 in Dortmund, North-Rhine-Westfalia September 2017
Science shop: the tool for integration of education and sustainable development

What is Science Shop?

Basic Idea

• Questions from civil society organisations (and other stakeholders) are rephrased to scientific research topics which will be approached by a researcher or students under supervision of a professor.
• The research will lead to a report (or other product) which is made to be of use to the client.

Advanced Idea

• Sciences Shops take the role of a Civil Society (Stakeholder) Contact Point to lead tasks in mediating society-science interactions through various methodologies
  – supporting citizen science, service learning, co-creation, or
  – organising science cafés, focus groups, scenario workshops, or
  – developing training and education for specific topics and needs

What is Science Shop?
Science Shop: the tool for integration of education and sustainable development

What is Science Shop?

Stakeholders

Research or other activity

Science Shops

Problems or Requests

Civil Society Organisations or other stakeholders

- Demand driven
- No commercial interest
- Publication of results
- Feedback to science institutions

Result

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Science Shop: the tool for integration of education and sustainable development

European RCE meeting at FAIR&FRIENDS 2017 in Dortmund, North-Rhine-Westphalia September 2017
Science Shop in Belarus

is the scientific, methodical, information and organizational support to coordination of activities and promotion of ideas and practices of ESD in the education system (also in spheres of economy, ecology and social development) of the Republic of Belarus at the national, regional and local levels of governance.

European RCE meeting at FAIR&FRIENDS 2017 in Dortmund, North-Rhine-Westfalia September 2017
Science Shop – the tool for integration of education and sustainable development
Science Shop: the tool for integration of education and sustainable development

Science Shop in Belarus & RCE-Belarus

- Sustainable Development Goals
- Research in the field of sustainable development for all generations
- Inclusive Belarus
- Pedagogical Education for SD
- Partnership Network of Sustainable Development Schools
- Sustainable development of local communities
- Youth initiatives

European RCE meeting at FAIR&FRIENDS 2017 in Dortmund, North-Rhine-Westfalia September 2017
Science Shop – the tool for integration of education and sustainable development: project activities
Science Shop: the tool for integration of education and sustainable development

Science Shop in Belarus & RCE-Belarus

- Integration of ESD practices at all stages of continuous education
- Expertise of ESD situation & preparation of the Belarus National report on the progress in the priority areas of the UNECE Strategy for ESD
- Promoting innovative ESD activities in educational and SD institutions
- Support of social partnership and inter-sectoral cooperation in ESD
- Inclusion of the Belarusian ESD experience into international educational sphere

European RCE meeting at FAIR&FRIENDS 2017 in Dortmund, North-Rhine-Westfalia September 2017
National SD Strategy of Republic of Belarus before 2030: more than 30 proposals to Article on ESD (2014)

International Symposium “ESD for All Generations as Social Agreement” (Minsk, BSPU, 10-11.02.2016):
- 4 Ministers and Vice-Ministers, national and international experts from 10 countries, more than 150 participants,
- publication in Rus & Eng

- It’s collective monograph as the reflection about Belarus experience in the UN Decade of ESD

ESD projects:
- at national, regional and local level (2014 – 2018)

Promotion and adoption of the ESD ideas in the education systems and SD processes
Science Shop:
the tool for integration of education and sustainable development
“Peace One Day: SDGs”
Internet – game

Internet – game workshop

«SDGs: Think & Act»
Youth Initiatives for SD Competition & Students Education Camp

Trainers team
Network of SD Youth initiative projects

Support of YOUTH INITIATIVES for SD
«YOUTH VOICES FOR SUSTAINABLE DEVELOPMENT»
International Youth Media Festival
(Russian)

Support of YOUTH INITIATIVES for SD

“Class is...”; video about SD human quality by students team of Kostyukovichi gymnasium
Promotion of the SDGs for all generations at national and local level
8 days – 7 regions – 50 events – 3000 participants

Sanaka Samarasinha, the UNDP representative in Belarus and Anatolij Murauyeu, the Executive Director of the ESD Association

“SDGs: Think and Act” project participants in the train
Inclusive Belarus: 2016 – 2017

SDGs for all generations and all groups of the population
Inclusive Belarus – 2016

• 6 regional discussions (online support)

• Master class «Inclusion or Illusion»

• Discussion & exhibitions
Пусть над моей и твоей судьбой
Ветры кружатся осенние.
Workshop “Project-orient approach in ESD sphere: educator’s activities”
(Minsk, Zhdanovichi, 14 – 16.03.2018)
Science Shop: the tool for integration of education and sustainable development

RCE-Belarus

Education for sustainable development

The Ministry of Education of the Republic of Belarus
The Ministry of Natural Resources and Environmental Protection Environment of the Republic of Belarus
The UN and UNDP in Belarus
The Belarus support program of the Federal the government of Germany
Republican Scientific and Technical library
Baltic Sea Region on Education for Sustainable Development Network
Teachers in partnership (Ukraine)
DVV International
Fund “New Eurasia”
Association of Additional Education
Education for the Future Association
APB-BirdLife Belarus
The Belarusian Association of UNESCO Clubs
Collective Leadership Institute (Germany)
IPA “Ecopartnership”

European RCE meeting at FAIR&FRIENDS 2017 in Dortmund, North-Rhine-Westfalia September 2017