EXPERIENCES OF 50 YEARS LIFE LONG LEARNING FOR COMMON ACTION OF EXPERTS AND KNOWLEDGE-BASED SOCIETY FOR PROMOTION SUSTAINABLE DEVELOPMENT BASED ON ECO-INNOVATION

Jan W. DOBROWOLSKI
WAAS, AGH-UST, RA-IS, EIEC

Motto:

Everybody **for BETTER Quality of LIFE**

*for All*

**EDUCATION for Common Action** of Experts and Knowledge-based Society
• **Common MOTIVATION** for promotion *SUSTAINABLE DEVELOPMENT*

• Concept of *Sustainable Management of the Natural Resources for the Future Permanent Development and Nature Protection*

• introduced over 60 years ago by prof. W. Goetel at AGH-UST
• founder of *SOZOLOGY* and *SOZOTECHNICS* and leader of
• **Interdisciplinary OPEN for All Seminars in this field.**

• **Reasons:**
• Philosophical, Ethical, Ecological, Economic, etc.
• BIO-based GREEN ECONOMY:
• Protection of the Biodiversity,
• Human Health (consumers),
• Proper reproduction of BIOLOGICAL Resources
• Ecological Balance of the BIOSPHERE
• Global Network of Cooperation.
• Local INTEGRATED Action—good practice...
• Good practice of 45 years voluntary education of interested university students e.g. 1st Polish Summer School on the Human Environment in the oldest in Europe border park in the Piening Mts. at 1968, 1st International Summer School at 1972, series of Workshops, Seminars, International Conferences from 1989 and 25 years of activity of AGH OPEN for All UNIVERSITY.
• Long-term activity AGH Open University
• and Inter-Generation Cooperation on e.g.
• **Sustainability** of Management of the Natural Resources, Primary Prevention of Environmental Risks for Human Health, Culture Heritage, contribution of Knowledge-based Society and Experts to Decision-making process on Local level, etc....
• New Model of *Consumption*
• as a tool
• for **Better Quality of** LIFE
• **Common Action** of Experts [from different disciplines], Society, Producers, Decision-makers in cooperation with teachers, journalists, NGOs, etc.
BIO-BASED GREEN ECONOMY

• New Challenges for the Mankind by CHANGE technocratic concept of overexploitation of the natural resources and positive feed-back system into bio-based GREEN ECONOMY [based on Innovative Ecologically-friendly Biotechnology, e.g. LASER BIOTECHNOLOGY, Biomimetic and Ecological Engineering] focused on Negative Feed-back System necessary for protection of HOMEOSTASIS of the Human body and the Biosphere...
Let us Learn from the NATURE

• Dissemination of New Methods **for Early Detection** of the Risk Factors in the Human Environment [Biosphere, Sociosphere and Technosphere]

• and

• **More Effective Primary Prevention**

• `{ at the sources}` in the natural- and indoor- Environment as Common Action...
COMMON Action

• Interdisciplinary „case studies” in different regions, followed by COMMON ACTION of experts, local stakeholders, visitors e.g. in national parks, health resorts, historical cities e.g. in Krakow (Cracow), Florence etc.

• Promotion of Qualified Tourism connected with

• education toward SUSTAINABLE SOCIETY
SUSTAINABLE Society

- Management of New Anthropogenic Risk Factors, **More effective PREVENTION**, 
- Proper use of progress of science and technology for **BETTER Quality of LIFE** and Sustainable Management of the Natural Resources for the Future 
- **LONG-LIFE EDUCATION** for All 
- **Inter**-generations Solidarity and Integration...
• Tabula rasa ...
RECOMMENDATION for the Future

• Introduction as necessary element of general education at university basic knowledge of sozology, sozotechnic focused on bio-based Green Economy [interdisciplinary problem-solving education],

• Foundation of Model Centers of Sustainable Development and Eco-innovation [based on the Human Ecology and Environmental Biotechnology] beginning from AGH-UST, PK-CUT, UR-AR, Training for Developing Countries...
RECOMMENDATION for the Future

• Introduction of *International NETWORK* for Cooperation of Experts and Knowledge-based Society in cooperation with WAAS and interested National Academies of Science, e.g. RA-IS, PAS, Universities etc. toward Sustainable Society [including Database, network for dissemination and optimization good practice based on GRID system, development distance education, e-learning, Open Universities, etc]
RECOMMENDATION for the Future

• Support and development of Modernization and Integration of whole system of EDUCATION [formal and informal]-BOLOGNA PROCESS
• for Promotion Sustainable Knowledge-based Society
• focused on Common Action for Better Life Quality as GAME for All for better FUTURE for All.
• GOOD LUCK!
GLOBAL AND REGIONAL COOPERATION

• INTERUNIVERSITY CENTER OF SUSTAINABLE DEVELOPMENT AND ECOINNOVATION IN KRAKOW CITY POLAND BASED ON OVER 60 YEARS OF GOOD PRACTICE

• PROGRESS IN TRAINING STAFF FOR DEVELOPING COUNTRIES FROM UZBEKISTAN TO MADAGASCAR AND BRAZIL

• DISTANCE EDUCATION COOM ANCTION..
THANK YOU