



*Living Knowledge*  
The International Science Shop Network

# Science Shops and Broader Impacts: International and Belarusian experiences

II International Symposium «Education For Sustainable  
Development For All Generations – Social Agreement»

Minsk, 6-7 December 2018

*Norbert Steinhaus*  
Bonn Science Shop  
Living Knowledge Network  
norbert.steinhaus@wilabonn.de

[www.wilabonn.de](http://www.wilabonn.de)  
[www.livingknowledge.org](http://www.livingknowledge.org)

## The variety of strategies – User pull and co-production

AR - Action research

CBR – Community-Based Research

CBPR – Community Based Participatory Research

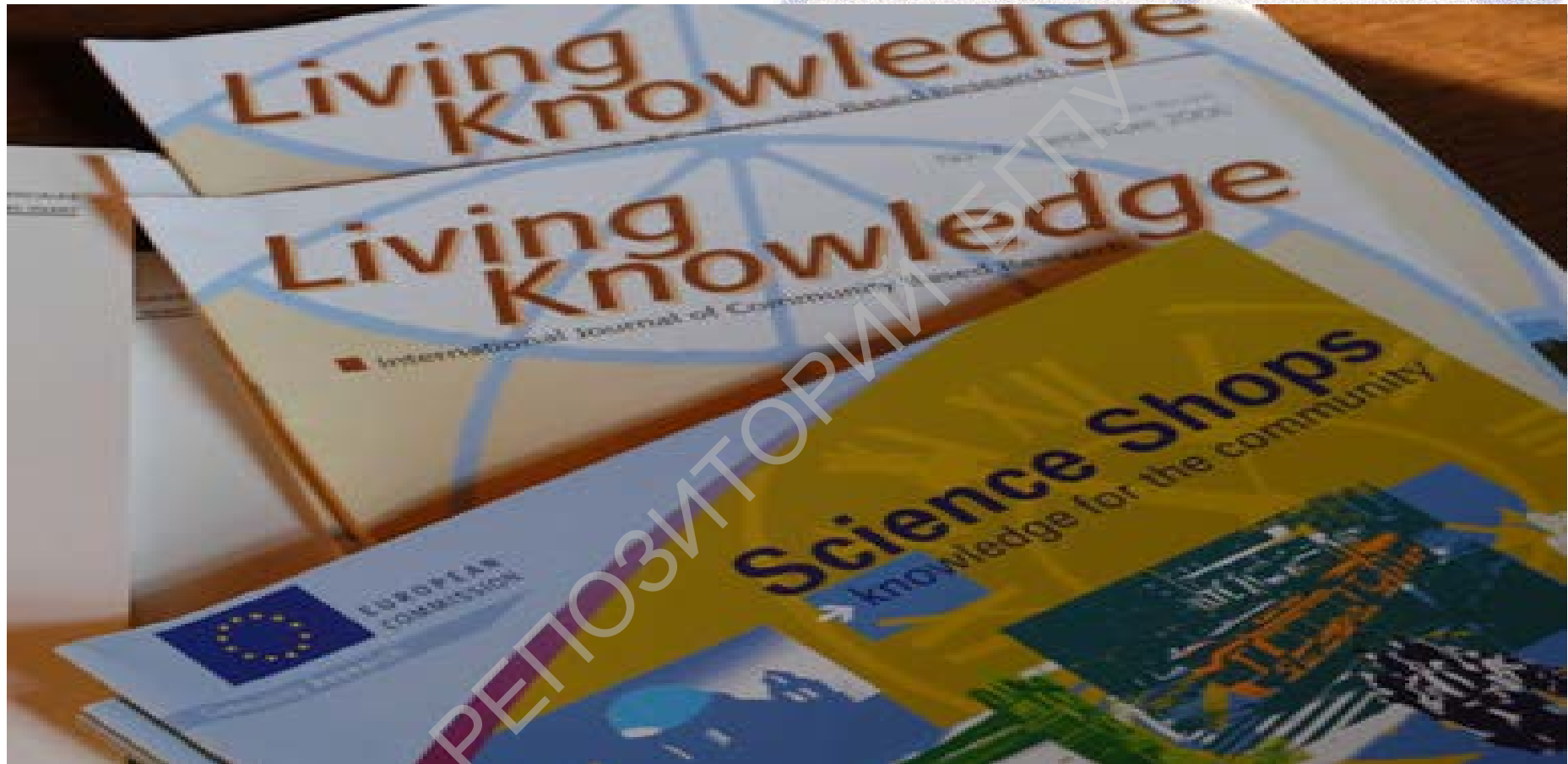
PAR - Participatory Action Research

RRI – Responsible Research and Innovation

Citizen Science  
Science Shops

# Science Shops

Living Knowledge  
The International Science Shop Network



**A Science Shop (is a unit that) provides independent participatory research support in response to concerns expressed by civil society.**

# Science Shops in Europe (Samples)



Living Knowledge  
The International Science Shop Network

## University Based

Groningen, the Netherlands  
Belfast, Northern Ireland  
Dublin, Ireland  
Lyon, France  
Sassari, Italy  
Vechta, Germany  
Stavanger, Norway  
Copenhagen, Denmark  
Bucharest, Romania  
Minsk, Belarus

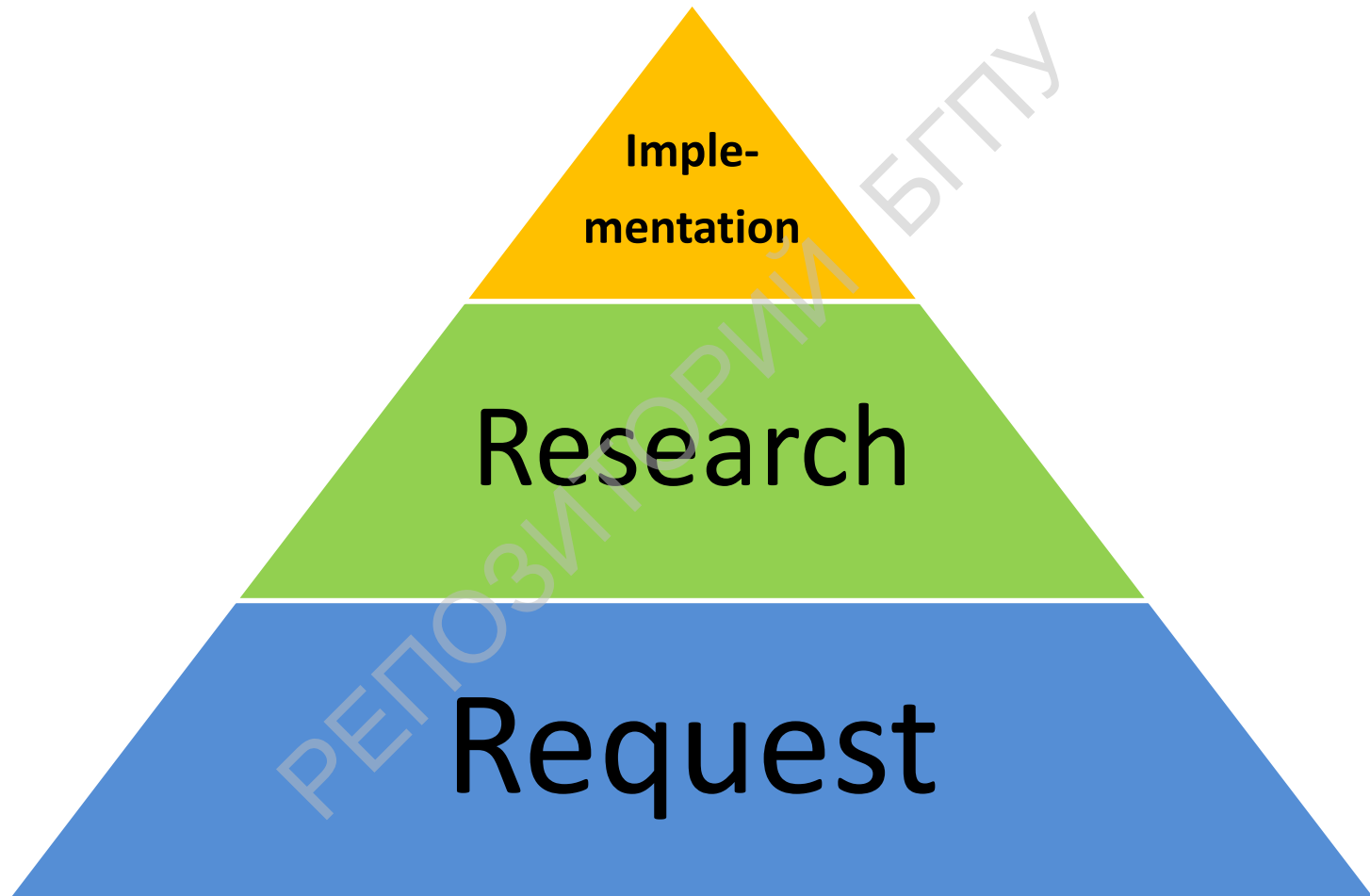
...

## Non University Based

Bonn, Germany  
Vienna, Austria  
Paris, France  
Gödöllő, Hungary

...

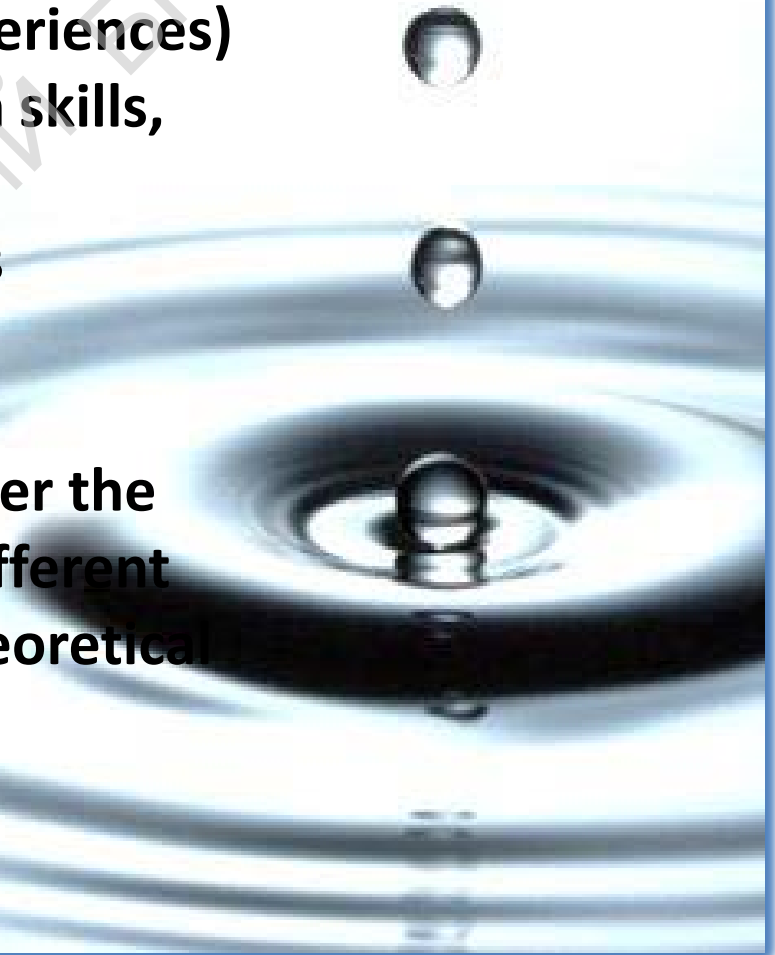




**The Science Shop Methodology**

## Enhanced Learning for Students

- **Social competences (Real life experiences)**
- **Communication and co-operation skills, also with non-scientists**
- **New knowledge and perspectives**
- **Knowledge and expertise within transdisciplinary research**
- **Skills to connect and bring together the various needs and demands of different groups, even with their rather theoretical scientific background**



# Science Shop General Impact

---

**Incubator for new research theme**

**Changed focus, created dialogues**

**Participatory research  
methods introduced**

**Case materials / networking for researchers**

**PR and social responsibility for institute**

**Development of participatory research and resource centres**



**New curricula, new content for existing teaching**

**New training courses, products, services,**

**Empowered Regions and empowered decisions**

**Policy supporting processes**



---

## The Belarusian Experiences – Valuable Outcomes

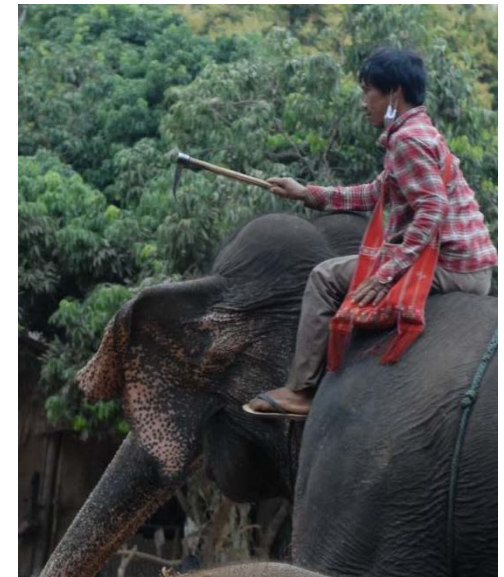
- Team building
- Multi-Stakeholder activities and integration
- Knowledge Transfer
- Improving relations between BPSU and the regions
- New goals and tasks on the agenda

The Belarusian Science Shop adds a new facet to the family of Science Shops:

- With a focus on Education for Sustainable Development.
- With a structure that mediates between regional resource centres and BPSU.

And the Belarusian Science Shops is working in and disseminating experiences into the Russian speaking regions

**It takes time and efforts to  
effectively make things move.**



**Provide Resources**

**Acknowledge engagement**

**Support publication**

**Check existing curricula**

**Implement societal engagement in teaching**

**Develop new curricula and studies**

**Develop structures**

**Open boards for CSOs**

**It's not about the 'IF',  
it's about the 'HOW'.**



# Thank you for your attention!



*Living Knowledge*  
The International Science Shop Network



## Norbert Steinhaus

[norbert.steinhaus@wilabonn.de](mailto:norbert.steinhaus@wilabonn.de); +49.228.2016122

International Science Shop Network 'Living Knowledge'

[www.livingknowledge.org](http://www.livingknowledge.org)

Internat. Science Shop Contact Point

[livingknowledge@wilabonn.de](mailto:livingknowledge@wilabonn.de)

Living Knowledge Discussion List

([LIVINGKNOWLEDGE-L@LISTS.UCC.IE](mailto:LIVINGKNOWLEDGE-L@LISTS.UCC.IE)),

Twitter: @ScienceShops

Facebook: <https://www.facebook.com/livingknowledge>

Wissenschaftsladen Bonn

[www.wilabonn.de](http://www.wilabonn.de)

RRI Tools

[www.rri-tools.eu](http://www.rri-tools.eu)