Dear readers,

It was and is a year full of crises. And unfortunately, none of these crises has yet been overcome.

The lifting of strict Covid restrictions has allowed us to meet and exchange face-to-face. The difference from the screen icon to the real person was sometimes quite impressive.

After cancellations and the alternative LK Online Festival, we were finally able to hold the LK Conference in person. Many thanks to Henk Mulder and the Groningen team for this conference. The participants experienced busy and moving days with a lot of room for exchange, networking and inspiration.

Also many projects have been successfully completed in the past year. Citizen science, (participatory) science communication, science shops or community engaged research and learning (CERL) have asserted their position and even gained in importance. It is nice to see that new and old partnerships established from the Living Knowledge Network can also be continued in new projects in Horizon Europe.

After various security problems with the old LK website, we are happy that the move to another CMS - with the support of the developer Herman Dempere - could be carried out successfully. With the integration of the InSPIRES open platform, a more up-to-date overview of Science Shop structures and projects is possible.

Let's approach 2023 with excitement, confidence and continued great commitment. Christmas: "Happy Holidays".

Norbert Steinhaus
Dear Living Knowledge Community,

We are happy to present you the new Living Knowledge website! After the site was hacked and paralyzed several times over the past two years, we have now moved it to another CMS and given the site and the LK logo a facelift.

New on the LK website is the InSPIRES Open Platform (IOP). A database that offers added value for the visibility of the projects in the LK network.

Please note that the website is not yet completely finished and we also welcome your feedback. Are you missing content or have ideas for adjustments. Editorial support is very welcome.

We invite you to visit the website and are looking forward to your feedback!

Your Living Knowledge Team

Click here to see the new website

Looking for people interested in moderator/administrator roles for a pilot Living Knowledge Network (LKN) discussion board

At the Living Knowledge Conference this summer, Norbert asked us to think about the future of the Living Knowledge Network. One aspect of the work of the Network is communication infrastructures. At our table, we discussed this and agreed that it would be great for people in the wider LKN to be able to get in touch with each other directly, in other ways than through the overall network mailing list. For instance, we might want to let others know about the latest student project on conspiracy theories which we are working on, see if anybody will be around at the conference we’re going to next month, or invite people to brainstorm on a new (funding proposal) idea.

Since the summer, a few volunteers have met to work out the requirements for such a communication tool, see how it would fit in with the existing LKN infrastructure, and what tools could work. We decided that a discussion board, with different channels and topics, would be the most useful kind of tool. With that in mind we tried out Discord - an online social platform that became popular through gaming and is now more widely used by a range of online communities. After trying it out in the working group, we feel that it could be a great place of LKN conversations - but we need some more people to volunteer to be involved in the administration...
moderation of the discussion board platform for this upcoming pilot.

We are looking for volunteers who are into Discord and/or the administration of discussion boards. Would you possibly help in moderating a channel or be involved in the administration of the LKN server? Would you try it out, and encourage a few others to get on board for the upcoming pilot, who may not be familiar with Discord yet? For the moment, we estimate the volunteering commitment to be roughly 3 hours per month.

We would like to have a meeting together with new volunteers in late January, to see who could do what and plan the next steps of the pilot together. If you are interested, please email Michaela Shields by 20th January 2023 to let her know. We will then send around a doodle to interested volunteers to arrange a date and time for the meeting.

Next Living Knowledge Conference

We are pleased to announce the the next Living Knowledge Conference - LK 10 - in 2024! From 26-28 June 2024, LK 10 will take place in the city, which was awarded the Europe Prize in 2016 for its outstanding efforts in European integration. According to Wikipedia, Girona has one of the best restaurants in the world and soon will have one of the best conferences.

Projects

TeRRIFICA Final Event

Belgrade, 23rd Nov. 2022 || Brussels, 2nd Dec. 2022:

The RRI&ngage cluster celebrates two events under the slogan “Embedding RRI for smart and climate resilient European regions”

The TeRRIFICA project emerged to influence climate change policies and actions by fostering Responsible Research and Innovation (RRI) in 6 European regions. TeRRIFICA aimed at contributing to reducing the harmful effects of climate change through engaging a diverse number of stakeholders, from scientific experts to citizens and decision makers, in climate mitigation and adaptation processes. During the curse of the project, the TeRRIFICA partners, with the coordination of Wila Bonn, achieved greater results than what was first expected, despite the difficulties encountered with the rise of a
pandemic.

In order to display all the knowledge gathered and the successful results achieved and with the idea of dissemination of our objectives, we came together with another successful H2020 project to celebrate our Final Conference together. This is how, together with the RRI2SCALE consortium, we created the RRI&ngage cluster and celebrated two events.

On the 23rd of November 2022, we came together in the Yugoslav Film Archive (Belgrade, Serbia) for a dissemination event that gathered 150 attendees, between those joining in-person and online. The event was hosted by the TeRRIFICA partners from the Center for the Promotion of Science in Serbia (CPN) and was organized in the framework of the Open Science Communication Conference 2022.

A week later, on the 2nd of December, we gathered again, this time at the Executive Agency for Research headquarters in Brussels, Belgium, to further disseminate the importance of RRI and the results achieved by both projects. This time, the focus of the message was put on making an impact at the policy level by sharing recommendations and learnings from TeRRIFICA and RRI2SCALE.

With this collaboration, the TeRRIFICA project comes to its end, with the feeling of achievement, but also that of thankfulness for having been able to share these past four years all together with the different partners and external stakeholders who have greatly contributed with their knowledge, participation, and commitment to the promotion of RRI and to climate action.

Watch the video of the Final Conference in Belgrade!

Related News

The EUTOPIA Project launches a Citizen Science Starter Kit
The EUTOPIA Project launches a Citizen Science Starter Kit

Are you curious about citizen science, but relatively new to it? In three modules you will learn more about citizen science as a research method, how you can determine whether this method is suitable for your research and which factors are crucial in the design of a successful citizen science project. Each module contains case studies, tips for further reading and links to useful online tools or courses.

You can download the Starter Kit here.

A short animation video was made by the EU-funded Co-Change Project to raise awareness about Responsible Research and Innovation (RRI) and motivate researchers to integrate responsibility into their daily work activities, as well as managers into the research-performing and -funding organisations. The video shows why it is important for researchers, research institutes, and research-performing and -funding organisations to integrate responsibility into their institutional operations.

The Co-Change Project produced a new, short animation film on Responsible Research and Innovation (RRI).

You can also find more information on Co-Change here.
The Co-Change Project supports the implementation of institutional change among research and innovation actors in the areas of research ethics, open science, stakeholder engagement, science education, gender equality, and sustainability.

The partners form a network of research organisations, research funding and government agencies, ethics councils, and civil society organisations. Together, they develop tools and practices for responsible research and innovation (RRI), for example, to reflect on internal norms, values and practices, and to build capacity for governance and management, ethical and social impact monitoring, and assessment. The video is one of their outputs.

Watch the Video here

INCENTIVE-Project - latest news

The INCENTIVE-Project achieved two important milestones during late July.

1. The INCENTIVE Citizen Science Digital Toolkit was delivered and is open for everyone to access it. The Toolkit is a digital space, where users can find Citizen Science news and trends, gain access to available Citizen Science resources, and sign up in order to participate in the digital forum to communicate with other users. You are more than welcome to use the Toolkit, sign up and join the discussions.

2. The first INCENTIVE Policy Brief was submitted and can be publicly accessed. The Brief is visualised and structured in an intelligible way, so even people not familiar with CS can read it. The document aims to inform researchers, policymakers, and project managers working on CS. It provides recommendations on how policymakers can create favourable framework conditions for CS’s institutionalisation within Research Performing and Funding Organisations (RFPOs), based on the INCENTIVE’s pilot experience so far.

Read more
Please feel free to further disseminate the tools to your networks.

A “World Café for Science Shops”

The Science Shop Vechta/Cloppenburg is currently starting to collect ideas and topics for a Virtual International Science Shop Café. The target group is the LK community, but with a special focus on new science shops and new science shop teams. Science Shop Vechta/Cloppenburg wants to start their “World Café” initially two or three times per year and even more meetings, as required. Particularly science shop beginners should get an opportunity for easy, free and low-threshold dialogue with experienced and informed colleagues from other science shops or comparable institutions.

First, we would be grateful for your ideas, questions and topic suggestions for our first coffee meeting. Please send them via e-mail to science.shop@uni-vechta.de

University of Vechta
Research Development and Knowledge Transfer

wissnet – the German speaking science network, presented at 9th Living Knowledge Conference

Wissnet was established 2010/2011 as an informal network of six Science shops, mostly from East Germany. Soon they were connected to whole Germany and founded a German Living Knowledge Website with Science Shops, NGO’s, … Now wissnet is an established network with recurring conferences, an own website and a regular connection between the members, online or in reality.

These projects are examples of those that have been realised:

1. In November 2015, wissnet realized the conference “Excellence for everybody” in Oldenburg, organized by nine science shops and to university knowledge transfer units with approximately 100 participants.
50/50 from the scientific community on one hand and from NGOs and municipal and public institutions on the other. It was funded by the state ministry for science and culture of the federal state of Lower Saxony and a local municipal association.

2. A further common project was realized as a series of various events on “seas and oceans” influenced by our acting inland in 2016/2017, organized by nine science shops - one of them formed as a result of that project - in six different German federal states, funded by the federal ministry for education and research.

Representatives of wissnet were sent to worldwide conferences to participate and earn about new interesting contributions.

Projects were realised within the network but the Science Shops are working also separately by their own projects.

Currently wissnet represents 16 Science Shops: 8 NGO as independent associations, 5 university based, 3 non-profit companies and two university knowledge transfer units.

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**Taking Stock 2022 Survey: Student-Community Service Learning**

How can universities support students to make a positive difference in local communities?

The National Co-ordinating Centre for Public Engagement are looking for examples of modules and courses which actively facilitate student learning in partnership with external communities, audiences, and organisations in a collaborative new research project with the University of Westminster. Find out more about the research matters, including some case studies of the types of practice they’re looking to capture, in this blog post.

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**Blogpost on Principles for building Community Engaged Research and Learning**

How to build Community Engagement into the Curriculum – key principles to support lecturers.

Erasmus+ CIRCLET project team likes to highlight a recent blogpost that summarises a set of principles supporting lecturers to build Community Engaged Research and Learning into their teaching. The principles were devised by a group of lecturers, community partners, students, and community engagement coordinators, all interested in community engagement in the curriculum in higher education, as a result of a participatory workshop at the 9th Living Knowledge Conference 2022. The workshop was facilitated by members of the Erasmus+ CIRCLET project team, together with lecturers who were participants in the Continuing Professional Development...
run by the CIRCLET project.[1]

The key principles are summarised in the diagram below, and you can read the full blogpost, which fleshes them out in more detail, here. If you find this blogpost interesting, and would like to join a discussion, do post your comments and ideas on this wiki.

![Diagram of the circles of CERL (Community Engaged Research and Learning)](image)

[1] CIRCLET was an Erasmus+ Strategic Partnership project. The project aimed to strengthen capacity among higher education lecturers to improve learning outcomes for students by rethinking curricula to incorporate an online dimension. As part of the CIRCLET project partners developed two Continuing Professional Development (CPD) programmes for lecturers: An innovative on-line accredited postgraduate module and local year-long learning circles. All the resources produced by CIRCLET to support CERL can be found at the project website.

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**Publications**

**Students learning in between science and society**

**Title:** Cultivating students’ sustainability-oriented learning at the interface of science and society: a configuration of interrelated enablers

**Editor:** Valentina C. Tassone, Perry den Brok, Cassandra W.S. Tho, Arjen E.J. Wals: International Journal of Sustainability in Higher Education

**Abstract**

**Purpose:** By envisioning the learning environment as an eco-social system, this study aims to map...
enablers of students’ sustainability-oriented learning (SoL) in the context of a university course at the interface of science and society.

**Design/methodology/approach:** A case-study approach was used to delineate what enables student learning in a university-wide transdisciplinary Master of Science course. A sample of 102 students, university and societal stakeholders participated to this study, by sharing their experiences and views through focus groups and questionnaires.

**Findings:** A main finding is the development of a configuration of six intertwined enablers that through their interplay help to cultivate students’ SoL, in the course under exploration.

**Originality/value:** This study paves the way for a re-orientation of how to explore learning in complex environments. It shows that adopting a relational, situated and systems approach is not only feasible but is also desirable to understand and guide learning practices in complex environments.

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**Impacts of CESI's Research Shop Published in JHEOE**

An article written on the impact of CESI’s Research Shop has been published in the June 2022 volume of the *Journal of Higher Education Outreach and Engagement*. Since 2009, the Community Engaged Scholarship Institute at the University of Guelph has operated a Science Shop (The Research Shop) where it carries out high-impact community-engaged scholarship by training and employing graduate students to conduct community-engaged research as a paid co-curricular activity.

This study investigates the first 9 years of the program to determine its impacts on community partners and students. Findings suggest that the benefits experienced by both stakeholder groups are similar to those identified in the existing literature on community-engaged research and Science Shops, with some additional findings unique to this particular model. Overall, the research found that both community partners and students experience distinct benefits and challenges.
Article about Hydrocephalus

“Hydrocephalus: What I wish I’d known...”

Hydrocephalus is a swelling of the brain caused by a build-up of excess cerebral fluid. This can lead to an increase in intracranial pressure, resulting in serious complications. Every year, an estimated 1 in every 770 babies will be diagnosed with the life-threatening condition for which there is no cure, only invasive treatment. It is the most common reason for brain surgery in children in the UK. Harry’s HAT is the only UK charity which solely focuses on hydrocephalus. We were founded by Harry’s parents in 2018, following his diagnosis with hydrocephalus. He was just eight weeks old when his shunt was inserted and, by his first birthday, he had already endured four brain surgeries. We found ourselves isolated by Harry’s condition and struggled to access the support and information we needed.” Harry’s HAT aims to raise awareness, fund research and support families by understanding the challenges they face. We are supported in this work by a group of student volunteers from the Royal Holloway University Community Research Hub helped the charity to develop online surveys, to host workshops and to interview parents to gather insights. The findings are shared in the illustrated 42-page book “hydrocephalus: what I wish I’d known”, published in 2021. The book is written for families affected by hydrocephalus, by families affected by hydrocephalus. It contains parent stories, insights, and other useful resources and is available through our website: Our resources - Harry’s Hat

Conferences & Events

5th National Global Change Conference

Bloemfontein, South Africa  30 Jan 2023 - 02 Feb 2023

The National Conferences on Global Change have been held biennially under the banner of the Global Change Conferences. This event brings together researchers, policymakers, and practitioners to discuss the latest developments in the field of global change.
Grand Challenge (GCGC), one of the focus areas known as grand challenges in the Ten-Year Innovation Plan of the DSI since 2012. These conferences are aimed at providing a platform for networking and knowledge sharing among global change stakeholders to share and debate the latest research and innovations accelerating transformation. Active participation by early career researchers is strongly encouraged. The conference offers a unique opportunity for multi-stakeholder dialogue on topical global change issues.

The central theme of the 5th National Global Change Conference is: “Research and Innovation Accelerating transformations to global sustainability”

Read more about the conference here.

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**UK Knowledge Mobilisation Forum**

*Online, 24th to 28th April 2023. Sessions: 12:00-14:00 BST.*

The UK Knowledge Mobilisation Forum is an annual event for all those with a passion for ensuring that knowledge makes a positive difference to society. The Forum brings together practitioners, researchers, students, and public representatives who are engaged in the art and science of sharing knowledge and ensuring that it can be used. The Forum is designed as a space for learning and reflection, providing an opportunity for sharing experiences and methods and access to some of the most up to date thinking and practice in the field. Expect conversations, creativity and collaborative learning…and if you’re wondering what we mean by ‘knowledge’ – we are as interested in practical know-how, skills and experience as in research findings or evaluation data.

The call for contribution is open until the 17th of February.

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**ECSITE Conference**

*Valletta, Malta 15 June 2023 - 17 June 2023*

The conference will be hosted by Esplora Science Centre in Malta.

Each year the Ecsite Conference welcomes Science Professionals from around 50 different countries across the world, delivers more than 100 sessions and thought provoking key notes.

Visit the conference website here.
10th Living Knowledge Conference

Girona, Spain 26 June 2024 - 28 June 2024

We are happy to announce that the conference will be hosted by the University of Girona. More information will follow soon. Stay tuned!

Connect with us on:

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Living Knowledge Discussion List
Living Knowledge Website

The newsletters are archived on the Living Knowledge website. Please recommend this newsletter to your colleagues and partner.

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