NextEducation Research Group Update 2022

01/2022

Content

next.education

Achievements 2022

Social Media Posts:	260
Digital Events:	100
Keynotes:	19
Expert Workshops:	21
Workshops:	9
Presentations:	24
Publications:	22
Book Downloads:	290k

What happened? What's next?

Dear colleagues and friends,

Before you know it, we already find ourselves in the middle of a new year. 2022 – a year that brings exciting opportunities to meet, to share, and to create the future of education together.

The last year has once again paved the way for new ideas and networks; we initiated new partnerships and started new projects. In this newsletter we would like to share with you what we are currently working on and what we have been busy with within the last months.

We invite you to visit our website at www.next-education.org. Please do not hesitate to get in touch, develop new initiatives, and engage with us in conversation.

With kind regards,

Ulf-Daniel Ehlers & NextEducation Research Group

Bildquelle: unsplash @stereophototyp

Future Skills – The future of learning and higher education

In 2021, NextEducation has launched several new tools on Future Skills and has continued disseminating the newly presented model in various high-level communities. Amongst them, a new Future Skill Finder has been launched and can be accessed here: link. Please visit the Future Skills Library (link) to access all presentations and videos. Due to enormous support from our network patners we have managed to reach more than 226K downloads of the open access publication on Future Skills.

Project update: More Information

Video Series: Future Skills

Delphi Study: Future Skills

Book DE: Future Skills. Lernen der Zukunft – Hochschule der Zukunft

Book EN: Future Skills – The Future of learning and higher education

EdCoN – Education Competence Network

In the EdCoN project the NextEducation team uses the synergy potential of the State University model of the Baden-Wuerttemberg Cooperative State University to accelerate the digital transformation of teaching. A teaching-learning laboratory will be set up at each of the nine DHBW locations to develop, evaluate and disseminate topic-related innovative concepts. The resulting competence centres will be networked in the Education Competence Network (EdCoN) and their know-how will be made available across all locations.

Project update: More Information (in german)

Current status: Initialisation completed, development of the collaboration environment via an open project platform, establishment of project management structure, establishment of DIRK Dual as an education competence centre, recruitment of employees nationwide, design of a digitalisation monitor in teaching for DHBW.

Podcast series „NextNormal" and „Studium im Shutdown"

In two podcast series and related qualitative research, the NextEducation team wanted to find out from a students' perspective what has changed for them and how studying works in times of the Corona shutdown. Another goal is to find out what universities could do better, what works well and what they can learn for the future. What can higher education institutions learn from the shutdown and what is the "next normal" of European higher education and student life? The podcasts are available on all major platforms.

More Information Next Normal

More Information Studium im Shutdown

Current status: Several scientific papers have been released related to the analysis of the podcast conversations. With a final episode with students from the "DigitalChangeMaker" initiative, the podcast series "NextNormal" will soon come to an end.

CHAISE – Blockchain Skills for Europe

11/2020 – 10/2024

Within the European flagship project CHAISE, NextEducation is deepening Future Skill Research for new jobs in the Blockchain field (2021-2024). We are collaborating with 23 European partner organisations from science and industry for 4 years to set forward the first Europe-wide open, inclusive blockchain skills governance system, to address Future Skills mismatches and deliver appropriate training, intelligence gathering and mobility solutions tailored to sectoral needs.

Project update: More Information

Chaise Video: Blockchain Architect

Report: Study on skills mismatches in the European Blockchain sector

ENCORE+ – European Network for Catalysing Open Resources in Education

11/2020 – 10/2023

With the OER innovation initiative ENCORE, NextEducation develops cornerstone concepts for the next European OER ecosystem. The European Network for Catalysing Open Resources in Education (ENCORE+) responds to the European priorities of opening up and modernising education and training through the creation of a network that supports innovation and entrepreneurship with OER. ENCORE+ realizes a new vision for collaboration and connection between OER repositories in a European OER Ecosystem.

Project update: More Information

Report 1: Awareness, Experience and Organizational Maturity of Open Education

Report 2: Open Education and Training – Where does Europe go from here?

InclusiPHE – Inclusive Engagement of Non-Traditional Students in Professional Higher Education

09/2020 – 08/2023

NextEducation is doing a step forward in desinging inclusive study futures. The InclusiPHE project connects the social dimension of HE with that of students' engagement – and has as main objective to contribute to creating a more inclusive environment at PHEIs. The project aims to improve policies, mechanisms and practices for inclusive engagement of all students regardless of their background and circumstances – to engage students in all aspects of the teaching & learning journey, quality assurance and institutional decision making, within the life of the institution and student life in the wider sense.

Project update: More Information

Report: Stonger Together - Towards inclusive student engagement of non-traditional students in Professional Higher Education

DIGI-HE – A Strategic Reflection Tool of Digitalisation at European Higher Education Institutions

01/2020 – 12/2022

Within the DIGI-HE project, NextEducation is analysing the best strategies to develop digital transformation for higher education. The project explores different ways in which higher education institutions can boost their strategic approaches to digitally enhanced learning and teaching and enhance their capacity. The goal is to encourage and support a reflection on institutional strategy development and enhancement, through good practice sharing and peer learning among university leadership, and to contribute to community building. Among other topics, self-assessment tools that can be used by university management to explore their maturity level of digitalisation have been compared.

Project update: More Information

Current status: Second round of peer learning activities in the framework of the EUA Thematic Peer Groups (TPG) starts in March.

RECAPHE – Enhancing Staff Research Capacity in Professional Higher Education

09/2019 – 08/2022

NextEducation conducts competence research in the field of research and innovation for Professional Higher Education in order to strengthen the specific character of applied science and to promote regional innovation partnerships between companies and universities throughout Europe. Once the required competences have been identified, a training programme will be developed to acquire and extend these competences.

Project update: More Information

Current status: Development of an online self-assessment tool, Creation of training materials for PHE Research & Innovation Professionals

DIRK Dual – Digital reflexion portfolio for skill development in cooperative study programmes

09/2021 – 08/2024

With DIRK Dual, the NextEducation team is developing the first digital portfolio-based tool for self-directed competence development based on reflecting the interlinks of theory and practice phases within the dual study programme. The open access e-portfolio tool uses the possibilities of digitalisation to complement the current, rather activity-focused, documentation of experiences in the practical phase and to promote cyclical, reflective learning in the practical study phase throughout the student lifecycle as well as to open it up for coaching and peer learning processes.

Project update: More Information

Current status: Definition of a reflexion-based competence learning circle in dual study programmes and design of diagnostic procedures for competence development within the practical study phases

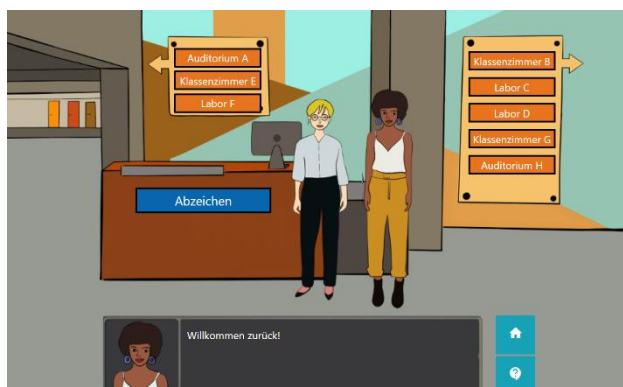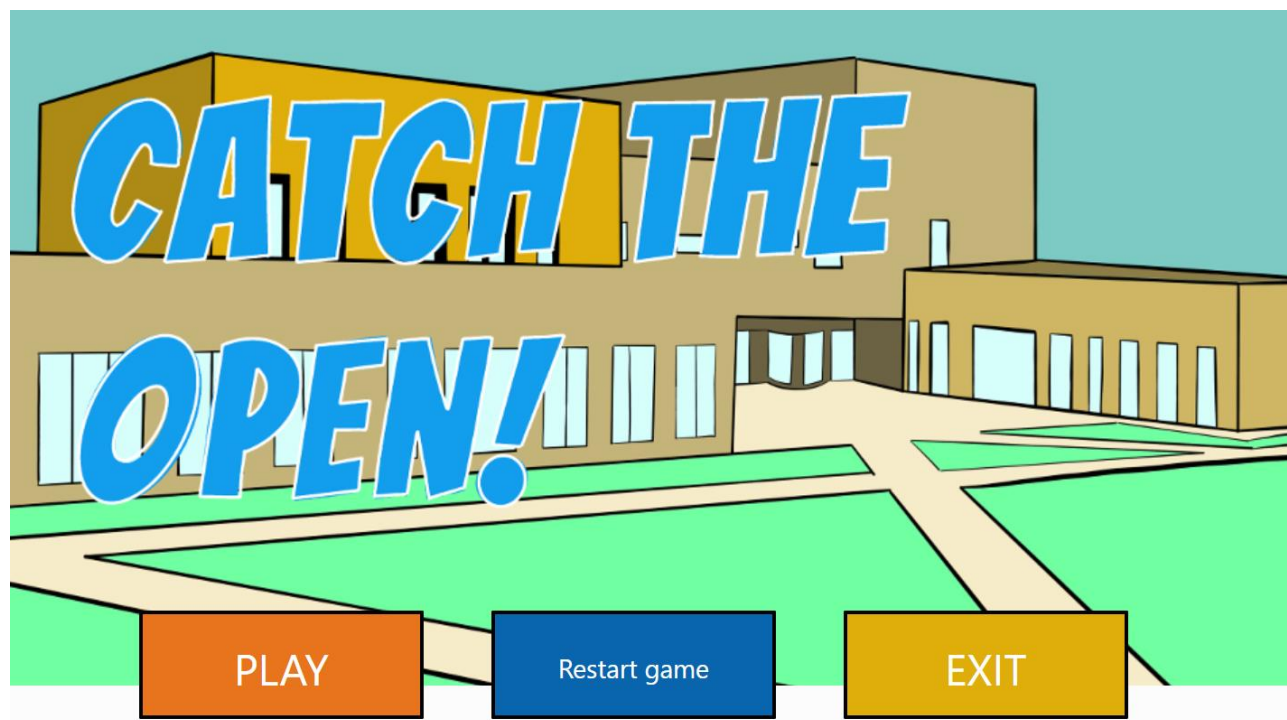# Open Game – Promoting Open Education through Gamification

10/2019 – 09/2021

In the Open Game Project, NextEducation developed an online game for higher education teachers that offers the opportunity to try out open teaching methods in realistic application scenarios and to receive immediate feedback on decisions. The project aimed to raise teachers' awareness of the various possibilities of open teaching methods and to motivate them to use them.

Project update: More Information

Game: Catch the Open!

FU:SE – Future skills for a digitally shaped world from a subject perspective at the transition from study to work

FU:SE aims to support Future Skills among young professionals in the transition phase from study to work. With the increasing flexibility of biographies, the responsibility of individuals to develop individual competence strategies for their employment biography is growing. In this context, the fit of educational offers to occupational requirements must increasingly be prioritised and implemented in individual learning and action strategies, in which Future Skills play an essential role. To this end, subjective strategies for the acquisition of Future Skills become the object of research for the first time in an empirical multi-method design. FU:SE first qualitatively identifies variants of subjective strategies and quantitatively cluster-analytically identifies strategy types and, based on this, develops tools for learners and organisations.
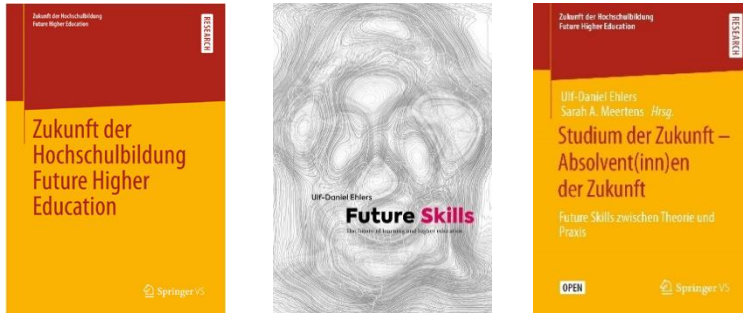
The Global Future Skills Project

"The Global Future Skills Project" has launched a call for participation in order to identify good and innovative Future Skills practices in higher education all over the world in order to share, inspire and motivate. After the close of the call, the selection of the proposals to be included and the notifications of the authors, the final submission process is currently in progress. After a peer reviewing phase, the chapters and contributions will be released as an open access book publication with Springer in the "Future Skills" book series.

Podcast: Future Skills Apéro

Following on the steps undertaken with our podcast series "NextNormal" and "Studium im Shutdown" to discuss present and future higher education from a students' point of view, we will soon be launching a news podcast series called "Future Skills Apéro" – connected to our "Global Future Skills Project" and the publication of an open access book featuring research, essays and good practice on Future Skills higher education from all over the continents. Educational experts from all over the world such as PISA/OECD's Andreas Schleicher will participate and engage in exciting conversations in our podcast series on the future of higher education and skills.

Monographs

1. Ehlers, U.-D. (2020): **Future Skills – Future of Learning and Higher Education.** (online open access)
2. Ehlers, U.-D. (2020): **Future Skills: Lernen der Zukunft – Hochschule der Zukunft.** Springer: New York, Heidelberg (online open access)

Journal contributions (peer-reviewed)

1. Ehlers, U.-D., Eigbrecht, L. (2021): Rekonstruktion subjektiver Studienerfahrungen im ‹Shutdown› der Corona-Pandemie. In Medienpädagogik 40 – CoViD-19 und die Hochschulbildung. P. 430-448, retrieved from: https://doi.org/10.21240/mpaed/40/2021.11.27.X.
2. Ehlers, U.-D. (2021): Leadership für die digitale souveräne Hochschule. In strategie digital – Magazin für Hochschulstrategien im digitalen Zeitalter. Ausgabe #1/Oktober 2021. P. 20 – 26, retrieved from https://hochschulforumdigitalisierung.de/sites/default/files/dateien/strategie_digit al_Ausgabe1.pdf
3. Eigbrecht, L., Brunner, M., Moran, R., Bartlett, J., Ehlers, U.-D. (2021): A new Research Competence Framework for Professional Higher Education. Wissenschaftsmanagement Ausgabe 2021. Retrieved from: https://shop.lemmens.de/produkt/a-new-research-competence-framework-for-professional-higher-education/ (22.09.2021)

Conference contributions (peer-reviewed)

1. Ehlers, U.-D., Monelyon, T. M. (2021): Buildung a European OER Ecosystem – State of play across Tech, Policy, Quality, Business & Innovation [Paper presentation]. OEGlobal. Oktober 2021. Retrieved from: https://ia801400.us.archive.org/20/items/oe-global-2021-papers/OE_Global_2021_paper_103.pdf
2. Eigbrecht, L., Ehlers, U.-D., (2021): Alte neue Expert:innen für gute Lehre. Das „Studium der Zukunft" aus Studierendensicht [Paper presentation]. GMW Jahrestagung 2021: Bildung in der digitalen Transformation. Leipzig, Germany (online). October 2021.

3. Ehlers, U.-D., Eigbrecht, L. (2021): Reconstructing Subjective Study Experiences During Shutdown in Pandemic times [Paper presentation]. 30. EDEN Jahreskonferenz: Lessons from a pandemic for the future of education. Madrid, Spanien. June 2021 (online) Retrieved from: https://www.eden-online.org/proc-2485/index.php/PROC/article/view/1867. Nomination best research paper award, Young Scholar Grant for Laura Eigbrecht.

4. Ehlers, U.-D., Brunner, M. (2021): Listening to the Student Voice –Student Engagement in Professional Higher Education in Europe [Paper presentation]. 30. EDEN Jahreskonferenz: Lessons from a pandemic for the future of education. Madrid, Spanien. June 2021 (online). Retrieved from: https://www.eden-online.org/proc-2485/index.php/PROC/article/view/1886/1594

5. Eigbrecht, L., Ehlers, U.-D., (2021): Future Skills für eine selbstbestimmte Mediennutzung. #mpaed2021 – Herbsttagung der Sektion und Fachgruppe Medienpädagogik. Leipzig, Germany (online). September 2021.

Conference contributions (not peer-reviewed)

1. Geier, N.; Ehlers, U.-D.; Eigbrecht, L. (2021): Future Skills Learning durch Future Skills Self Assessment. University Future Festival 2021. Online: https://www.youtube.com/watch?v=Xixe1KrJiQU.

2. Brunner, M.; Eigbrecht, L.; Ehlers, U.-D. (2021): InclusiPHE: Research findings on Inclusive Student Engagement in Professional Higher Education in EU. University Future Festival 2021. Online: https://www.youtube.com/watch?v=sSxQH7GV4Ds.

3. Eigbrecht, L.; Ehlers, U.-D. (2021): Das NextNormal der Hochschulbildung aus Studierendensicht. University Future Festival 2021. Online: https://www.youtube.com/watch?v=mZ9UMr4ZSmU

4. Eigbrecht, L.; Brunner, M. (2021): Future Skills & Entrepreneurship Education: Future Skills für die Herausforderungen von Morgen. International Entrepreneurship Education Summit.

Book chapters

1. Ehlers, U.-D., Bonaudo, P. (2021): Künstliche Intelligenz, Machine Learning & Algorithmen in der Hochschulbildung – zwischen Mythen und Realität In Tobias Schmohle, Alice Watanabe (eds.): Künstliche Intelligenz in der Hochschulbildung – Chancen und Grenzen des KI-gestützten Lernens und Lehrens. Verlag transcript

2. Ehlers, U.-D. (2021): Hochschule der Zukunft – Zukunft der Hochschule In Hochschule Bochum (eds.) 2021: Denken, Fühlen, Machen, Sein. 50 Jahre unsere Hochschule Bochum – Festschrift.: P. 106-107. Retrieved from: https://www.hsbo50.de/jubilaeums-festschrift

3. Ehlers, U.-D. (2021): Future Skills für die Welt von morgen: Das Future-Skills-Triple-Helix-Modell der Handlungsfähigkeit in emergenten Praxiskontexten In Hochschulforum Digitalisierung (eds.) 2021: Digitalisierung in Studium und Lehre gemeinsam gestalten. Innovative Formate, Strategien und Netzwerke. Wiesbaden: Springer VS. Retrieved from: https://link.springer.com/chapter/10.1007/978-3-658-32849-8_21

4. Ehlers, U.-D., Bonaudo P., Eigbrecht L. (2021): Eine Agenda für die Hochschule der Zukunft. In Dieter Thomaschewski, Rainer Völker (eds.) Standort Deutschland: Herausforderungen und notwendige Reformen (Denkanstöße)
5. Ehlers, U.-D. (2021): Quality for New Digital Learning Cultures. In Sheila Jagannathan (eds.) Reimagining Digital Learning for Sustainable Development. P. 82-95. Retrieved from: https://www.taylorfrancis.com/chapters/edit/10.4324/9781003089698-9/quality-new-digital-learning-cultures-ulf-daniel-ehlers
6. Ehlers, U.-D., Bonaudo P. (2021): Studentische Zukunftsprojekte – problem- und projektorientierte Lehre im Pandemiesemester. Onlinelehre zur Zukunft der Gesellschaft mit KI. In #Dual – ZHL-Schriftenreihe für die DHBW, Band 5. Retrieved from: https://www.zhl.dhbw.de/fileadmin/user_upload/CAS-ZHL/Hochschuldidaktik/Schriftenreihe_DUAL/ZHL_Schriftenreihe_Dual_Band_5.pdf

Interviews

1. Kinderzimmer statt Campus - Studieren in der Pandemie (2021): SWR2. 04.08.2021. Online: https://www.ardaudiothek.de/episode/forum/kinderzimmer-statt-campus-studieren-in-der-pandemie/swr2/91867130/
2. Interview mit Professor Ulf-Daniel Ehlers – Zwischenfazit Corona Studium (2021): Deutschlandfunk. 30.03.2021. Online: https://ondemand-mp3.dradio.de/file/dradio/2021/03/30/interview_prof_ehlers_zwischenfazit_corona_studium_aus_dlf_20210330_1436_c148dc51.mp3

Studies, reports & expert opinions (selection)

1. Brunner M., Eigbrecht L., Ehlers, U.-D. (2021): InclusiPHE - Stronger Together. Towards inclusive student engagement of non-traditional students in Professional Higher Education. Needs assessment for students' engagement of non-traditional students in PHE
2. Brunner M., Ehlers, U.-D. (2021): chaise - Study on skill mismatches in the European Blockchain sector.
3. Ehlers, U.-D., Kunze, K. (2021): Encore+ –- Awareness, Experience and Organisational Maturity of Open Education. Data analysis of different attitudes and preferences
4. Ehlers, U.-D., Kunze, K. (2021): Encore+ – Open Education and Training. Where does Europe go from here? State of Play for an Emerging European OER Ecosystem.

TV features

1. **Zoom ist kein Hygienekonzept – Thesen zum Studium der Zukunft aus Studierendensicht** (2021): Baden TV – Baden TV aktuell, Mittwoch 31.0.32021. 18:00 – 18:30 Uhr. Ab Minute 10. retrieved from: https://www.baden-tv.com/mediathek/video/baden-tv-aktuell-mittwoch-50/, Andreas Eisinger

Podcasts

1. **NextNormal – WeStudy@Home** (2021): Online: https://next-normal.eu; Folgen 1 – 13, Eigbrecht, L., Ehlers, U.-D., Bonaudo, P.
2. **Studium im Shutdown – Der Podcast. #WirStudierenZuHause** (2021): Online: https://studium-im-shutdown.de, Folgen 1 – 22, Eigbrecht, L., Ehlers, U.-D.