

Dissemination Activities of Online Resources for Chemical Safety in Science Education, 2020–2023

Information about the different occasions, where the project was disseminated.

Type of dissemination, date and place	Description including links if relevant
Presentation at the national conference for STEM teachers, 14-15.10.2021 Ljubljana, SL	FERK SAVEC, Vesna, MLINAREC, Katarina, HRAST, Špela. Zelena kemija ob uporabi projektnega učnega dela. In: Izzivi avtentičnosti v naravoslovnem izobraževanju : 6. konferenca učiteljev/-ic naravoslovnih predmetov - NAK 2021 : 14.-15. oktober 2021, spletna konferenca. Ljubljana: Zavod Republike Slovenije za šolstvo, 2021. 1 str. https://nak2021.zrss.si/program-2-dan/zelena-kemija-ob-uporabi-projektnega-ucnega-dela/ .
Workshop at the national conference for STEM teachers, 14-15.10.2021 Ljubljana, SL	HRAST, Špela, MLINAREC, Katarina, FERK SAVEC, Vesna. Zelena kemija ob uporabi projektnega učnega dela: eksperimentalna delavnica sinteze bioplastike iz različnih bioloških odpadkov. In: Izzivi avtentičnosti v naravoslovnem izobraževanju: 6. konferenca učiteljev/-ic naravoslovnih predmetov - NAK 2021 : 14.-15. oktober 2021, spletna konferenca. Ljubljana: Zavod Republike Slovenije za šolstvo, 2021. 1 str. https://nak2021.zrss.si/program-2-dan/delavnice-drugega-dne-15-oktober-2021/
Article in Sustainability, 2021, international journal	FERK SAVEC, Vesna, MLINAREC, Katarina. Experimental work in science education from green chemistry perspectives: a systematic literature review using PRISMA. Sustainability. 2021, vol. 13, issue 23, 1 datoteka pdf (50 str.), tabele. ISSN 2071-1050. https://www.mdpi.com/2071-1050/13/23/12977 , https://repositorij.uni-lj.si/IzpisGradiva.php?id=133606 , DOI: 10.3390/su132312977.
Article in Kjemi 1/2022, February 2022, NO	Kjemi 2/2022, pp. 16-17. Title: “Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom”, kjemi_1-22_hjelp_til_selvhjelp.pdf (Norwegian Chemical Society)
Workshop (Boat seminar), 23-24.5.2022, FI	Boat seminar for science and math teachers and teacher educators in University Helsinki
Workshop ECRICE 2022, Weizmann Institute of Science, Rehovot, 11-13.7.2022, Israel	“Challenges and Opportunities Related to Chemical Safety in Schools”, Karoline Fægri and Svein Tveit https://www.weizmann.ac.il/conferences/ECRICE2022/program
Plenary presentation at international event, 14-17.9.2022, SL	FERK SAVEC, Vesna. Green chemistry education and ESD initiatives. In: Bridging ideas between Asia and Europe for promoting education for sustainable development in higher education: program book. Core-to-core Programme Joint Seminar 2022 Bridging ideas between Asia and Europe for promoting education for sustainable development in higher education, 14-17 September 2022, Ljubljana, [Faculty of Education], 2022. Str. 19.

Type of dissemination, date and place	Description including links if relevant
Workshop at the conference for different stakeholders in STEAM, 21.9.2022. Ljubljana, SL	FERK SAVEC, Vesna, MLINAREC, Katarina. Zelena kemija ob uporabi eksperimentalnega dela. In: KLEMEN, Taja (ed.), MLINAREC, Katarina (ed.), FERK SAVEC, Vesna (ed.). Trajnosti naproti s soustvarjanjem na področju STEAM izobraževanja : zbornik povzetkov : Ljubljana, Pedagoška fakulteta, 21. 9. 2022. Ljubljana: UL, Pedagoška fakulteta, 2022. Str. 38. https://digitalna.uni-lj.si/wp-content/uploads/2022/09/ZBORNIK-PRISPEVKOV_12_9_2022_KONCEN.pdf .
Workshop at the conference for different stakeholders in STEAM– multiplier event, 21.9.2022, Ljubljana, SL	MLINAREC, Katarina, FERK SAVEC, Vesna. Kemijska varnost v naravoslovnem izobraževanju. In: KLEMEN, Taja (ed.), MLINAREC, Katarina (ed.), FERK SAVEC, Vesna (ed.). Trajnosti naproti s soustvarjanjem na področju STEAM izobraževanja : zbornik povzetkov : Ljubljana, Pedagoška fakulteta, 21. 9. 2022. Ljubljana: UL, Pedagoška fakulteta, 2022. Str. 39. https://digitalna.uni-lj.si/wp-content/uploads/2022/09/ZBORNIK-PRISPEVKOV_12_9_2022_KONCEN.pdf .
Workshop, Naturfagkonferansen 20.10.2022, Norwegian Center for Science Education, NO	Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom, Kirsten Fiskum and Svein Tveit, https://www.naturfagsenteret.no/c1519043/side/vis.html?tid=2336826 , National multiplier event for science teachers, science teacher educators, and pre-service teachers
Workshop Faglig-pedagogisk dag, 3.11.2022, University of Oslo, NO	Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom, Svein Tveit and Karoline Faegri, https://www.uio.no/om/samarbeid/skole/fagped-dag/program.html Yearly, regional multiplier event for teachers
Presentation Hell-seminaret 2022, 15.11.2022, NO	ORCheSSE – Online Resources for Chemical Safety in Science Education, Kirsten Fiskum and Svein Tveit, https://www.naturfagsenteret.no/c1996519/artikkel/vis.html?tid=2342780 . National seminar for science teacher educators, Nasjonalt nettverk for naturfagutdanning (NNN).
Workshop, Rogaland, 16.11.2022, NO	Workshop at Seminar for science teachers in upper secondary schools in the region Rogaland, Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom, Karoline Fægri
Seminar for science teachers, Agder, 4.1.2023, NO	Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom, Seminar for science teachers in upper secondary schools in the region Agder, Svein Tveit and Karoline Fægri
Annual meeting for the Norwegian Chemical Society, online, 14.2.2023, NO	Hjelp til selvhjelp for lærere– sikkerhet på skolens kjemi- og naturfagrom, the Norwegian Chemical Society, Division of Chemistry Education, Kirsten Fiskum and Karoline Fægri (Zoom), https://kjemi.no/undervisning/2023/innkalling-til-arsmote-2023/ .

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Article, Swedish Chemical Society, February 2022, SE	Lärare ska känna trygghet i kemilabbet, https://kemisamfundet.se/wp-content/uploads/2022/08/KTI-2021.pdf , page 20
Webinar, 25.4.2023, NO	Tekna (The Norwegian Society of Graduate Technical and Scientific Professionals) - "Teacher Talk": Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom, Svein Tveit and Karoline Fægri.
Presentation, Realfagskonferansen, 3.5.2023, NO	STEM conference, Realfagskonferansen at NTNU, Trondheim. "Hjelp til selvhjelp for lærere– sikkerhet på skolenskjemi- og naturfagrom", Svein Tveit and Kirsten Fiskum, National conference for STEM teachers, teacher educators, and pre-service teachers. National multiplier event
Workshop, 9.8.2022, Umeå, SE	Workshop for science teachers at conference organized by the national committee of Chemistry, Jenny Olander
Conference, Stockholm University, 12.9.2022, SE	One-day conference in chemical safety where the first Swedish version of all IO3 texts were gone through, Cecilia Stenberg, Jenny Olander, Karin Axberg
Training (online), 19.9.2022 and 22.9.2022, SE	One-day Safety training online for science teachers, Cecilia Stenberg
Training, Ystad, 26.9.2022, SE	One-day safety training for science teachers in the municipality of Ystad, Cecilia Stenberg and Jenny Olander
Training, 28.9.2022, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, Stockholm university, 6.10.2022, SE	One-day safety course for science teachers at start of university course in chemical safety, Jenny Olander and Karin Axberg
Presentation, 8.10.2022, FI	MAOL-teacher training days in Espoo
Training, 28.10.2022, Helsinki, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, 3.11.2022, Lahti, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, 21.11.2022, Joensuu, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, Stockholm, 5.12.2022, SE	Safety course for science teachers at start of university course in chemical safety, Jenny Olander and Karin Axberg
Training, 15.12.2022, Eura, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org

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Training, 24.1.2023, Pomarkku, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, 9.2.2023, Ylöjärvi, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, 23.2.2023, Jyväskylä, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training, 19.4.2023, Turku, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online 10.11.2022, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online 12.11.2022, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online 17.1.2023, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online 21.1.2023, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online 9.3.2023, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Workshop, Big Bang-conference, Odense, 22-23.3.2023, DE	Exhibition stand at the Danish Big Bang conference (with 2000 participants), Messestande og værksteder - Big Bang-konferencen (bigbangkonferencen.dk) , Jenny Olander
Training online, 5.4.2023, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Article in Finnish paper for teachers, 9.4.2023, FI	Ari Myllyviita, MAOL in hallituksen jäsen, kemikaaliturvallisuuskouluttaja Avoin kirje kemikaaliturvallisuudesta ja riskien arvioinnista kouluissa vastaaville viranomaisille Kemikaaliturvallisuus koulussa – meneekö viranomaisilla liian lujaa?
Training online 12.4.2023, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online 17.5.2023, FI	Safety course for chemistry teachers, Ari Myllyviita & Jenna Salmijärvi, Dissemination of chesse.org
Training online, 8.5.2023, FI	Chemical Safety at Schools – for principals
Training online, 11.5.2023, FI	Chemical Safety at Schools – for principals
Training in Stockholm, 11.5.2023, SE	Safety course for science teachers at start of university course in chemical safety, Jenny Olander, Karin Axberg

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Lessons, Spring 2023, NO	Introduction to chemical safety work in two university level courses for pre-service teachers at The University of Oslo, NAT2000 Science education in practice and KIMB050 Chemistry education
CheSSE conference, 7-9.6.2023, Helsinki, FI	International conference to disseminate CheSSE
Article about chesse.org, 13.7.2023, international	"A new online resource for chemical safety and green chemistry in science education", Svein Tveit, Karoline Faegri, Chemistry Teacher International 2023, special issue paper published online July 13, 2023, https://doi.org/10.1515/cti-2022-0031
Article about chesse.org, August 2023, SE	"Hjälp att arbeta säkert med kemi", Nyfiken på, Sagitta, nr 2, 2023, www.calameo.com
Training, Møre og Romsdal, 17.8.2023, NO	Seminar for science teachers in upper secondary schools in the region Møre og Romsdal, Hjelp til selvhjelp for lærere- sikkerhet på skolenskjemi- og naturfagrom, Kirsten Fiskum and Karoline Faegri