

Aastaks 2050 valmistumist tuleb alustada juba täna [Võrguväljaanne]

metsamajandusuudised.ee 2021 ["Aastaks 2050 valmistumist tuleb alustada juba täna "](#)

Abatement of CO2 emission in Estonian energy sector

Uibu, Mai; Veskimäe, Helgi; Kuusik, Rein, keemik Sixth International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : 1-4 September 2003, Prague, Czech Republic : symposium program 2003 / p. 194

Abatement of CO2 emission in Estonian energy sector [Electronic resource]

Uibu, Mai; Kuusik, Rein, keemik; Veskimäe, Helgi VI International Symposium & Exhibition on Environmental Contamination in Central and Eastern Europe and the Commonwealth of Independent States : Prague, Czech Republic, 1-4 Sept. 2003 : proceedings 2004 / [5] p. [CD-ROM]

Accelerated carbonation of Ca-rich fly ashes in non-cement applications = Kaltsiumirikka lendtuha kiirendatud karboniseerimine tsemendivabades rakendustes

Usta, Mustafa Cem 2023 <https://doi.org/10.23658/taltech.63/2023> <https://digikogu.taltech.ee/et/Item/5cd96499-8d75-44fa-9599-6d3eee32b244> https://www.ester.ee/record=b5645215*est

Alar Konist: Eesti heitenormid on Euroopaga võrreldes karmimad

err.ee 2024 [Alar Konist: Eesti heitenormid on Euroopaga võrreldes karmimad](#)

Analysis of CO2 emission reduction options in the Estonian energy system

Esop, Markko-Raul; **Liik, Olev** Baltic electrical engineering review 1998 / 1, p. 59-69: ill

Architectural education : methods for integrating Climate Change Design (CCD) in the curriculum

O'Dwyer, Sarah; Geoghegan, Emma; Nisonen, Essi; Castano-De La Rosa, Raul; Pelsmakers, Sofie; **Lykouras, Ioannis**; Donovan, Elizabeth; Alvise Bragadin, Marco; Morganti, Caterina; Coraglia, Ugo Maria A Focus on Pedagogy : Teaching, Learning and Research in the Modern Academy 2023 / p. 167-189 : ill <https://amps-research.com/wp-content/uploads/2022/12/Amps-Proceedings-Series-28.2.pdf>

Argo Rosin, Imre Drovтар: Rohepööre transpordis on utoopiline [Võrguväljaanne]

Rosin, Argo; Drovтар, Imre postimees.ee 2021 ["Argo Rosin, Imre Drovтар: Rohepööre transpordis on utoopiline"](#)

Argo Rosin: rohepööre, ülikool ja mängurlus [Võrguväljaanne]

Rosin, Argo err.ee 2021 ["Argo Rosin: rohepööre, ülikool ja mängurlus"](#)

Buildings' energy efficiency measures effect on CO2 emissions in combined heating, cooling and electricity production

Pylsy, Petri; **Lylykangas, Kimmo Sakari; Kurnitski, Jarek** Renewable and sustainable energy reviews 2020 / art. 110299, 18 p : ill <https://doi.org/10.1016/j.rser.2020.110299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Business opportunities for a ground effect vehicle - case of Canary Islands

Otsason, Riina; Hilmola, Olli-Pekka; Tapaninen, Ulla; Toivar, Beatriz Transport and Telecommunication 2024 / p. 473 - 482 <https://doi.org/10.2478/tjt-2024-0034> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ca2+-ioonide leostuvus põlevkivituhkadest

Velts, Olga; Uibu, Mai; Rudjak, Irina; Kuusik, Rein, keemik XXX Eesti keemiapäevad : teaduskonverentsi teesid = 30th Estonian Chemistry Days : abstracts of scientific conference 2007 / lk. 187-188

Calculation of CO2 emission from CFB boilers of oil shale power plants

Arro, Hendrik; Prikk, Arvi; Pihu, Tõnu Oil shale 2006 / 4, p. 356-365 : ill https://artiklid.elnet.ee/record=b2364794*est

Carbon dioxide long-term emissions and its storage options in the Baltic Region

Kavaliauskaite, Inga; **Uibu, Mai**; Teir, Sebastian; **Kuusik, Rein, keemik**; Zevenhoven, Ron; Defanas, G. Ecosystems and sustainable development. V 2005 / p. 439-448

Carbon disclosure, performance and the green reputation of higher educational institutions in the UK

Saha, Anup Kumar; Dunne, Theresa; Dixon, Rob Journal of Accounting and Organizational Change 2021 / p. 604-632

<https://doi.org/10.1108/JAOC-09-2020-0138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon emissions of construction operations in a cold climate

Pikas, Ergo; Lõhmus, Rauno; **Koskela, Lauri Jaakko**; Tetik, Müge; **Vendel, Kādi-Riin** Proceedings of the 32nd Annual Conference of the International Group for Lean Construction (IGLC 32) 2024 / p. 1063-1073 <https://doi.org/10.24928/2024/0228>

Carbon neutral Baltic Sea Region by 2050

Šogenova, Alla Baltic Rim Economies Review 2022 / 1 p <https://sites.utu.fi/bre/baltic-rim-economies-1-2022/>

Carbon neutral Baltic Sea region by 2050 : myth or reality?

Šogenova, Alla; Nordbäck, Nicklas; Sopher, Daniel; **Šogenov, Kazbulat**; **Ivask, Jüri** Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://doi.org/10.2139/ssrn.3817722>
<https://ssrn.com/abstract=3817722>

Cereal and confectionary packaging : assessment of sustainability and environmental impact with a special focus on greenhouse gas emissions

Krauter, Victoria; Bauer, Anna-Sophia; Milousi, Maria; Dörnyei, Krisztina Rita; Ganczewski, Greg; **Leppik, Kärt**; Krepil, Jan; Varzakas, Theodoros Foods 2022 / art. 1347 <https://doi.org/10.3390/foods11091347> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

ClimMIT - Climate change mitigation with CCS and CCU technologies

Uibu, Mai; **Siirde, Andres**; **Järvik, Oliver**; **Trikkel, Andres**; **Yörük, Can Rüstü**; Nurk, Gunnar; Kirsimäe, Kalle; **Hazak, Aaro**; **Konist, Alar** Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 9 p
<https://ssrn.com/abstract=3812288> <https://doi.org/10.2139/ssrn.3812288>

CO2 - mida sellega peale hakata?

Alvela, Ain Tehnikamaailm 2025 / lk. 66-70 : ill, fot https://www.ester.ee/record=b1073050*est

CO2 emission from circulating fluidized bed boiler firing Estonian oil shale fuel with different quality

Plamus, Kristjan 6th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : [Kuressaare, January 12-17, 2009] 2009 / p. 93-97 : ill

CO2 emission in Estonian oil shale based energy sector - prospects for abatement by wet mineral carbonization

Kuusik, Rein, **keemik**; **Uibu, Mai**; **Trikkel, Andres** GHGT-8 : 8th International Conference on Greenhouse Gas Control Technologies : 19-22 June 2006, Trondheim, Norway : book of abstracts, posters 2006 / p. 158

CO2 emission intensity of the Estonian DH sector

Latõšov, Eduard; Umbleja, Siim; **Volkova, Anna** Smart Energy 2022 / art. 100070 <https://doi.org/10.1016/j.segy.2022.100070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

CO2 emission reduction options for Estonia

Landsberg, Mart; **Agabus, Hannes**; **Liik, Olev** 3rd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 16-21, 2006 2006 / p. 112-119 : ill

CO2 emission reduction options for Estonia

Landsberg, Mart; **Agabus, Hannes** Tarptautines konferencijas Elektros ir valdymo technologijos - 2006 : pranešimu medžiaga = Proceedings of International Conference Electrical and Control Technologies - 2006 2006 / p. 405-410 : ill

CO2 geoloogiline ladustamisvõime - maapõue uus ressurss

Šogenova, Alla; **Vaher, Rein**; **Ivask, Jüri**; **Šogenov, Kazbulat** Maa ressursid : [7. geoloogia sügiskooli artiklid ja ettekanded] 2011 / lk. 67-72 : ill

CO2 sidumisest ja kasutamisest [Võrguväljaanne]

Aaviksoo, Jaak Konverents "Kliimaneutraalsus – häving või edu?" 2019 / video [Kliimaneutraalsus – häving või edu? Süsinikuneutraalne majandus nõuab uusi tehnoloogiaid paljudes valdkondades](#)

CO2 transformed into highly active catalysts for the oxygen reduction reaction via low-temperature molten salt electrolysis

Rommel, Anna-Liis; Ratso, Sander; Liivand, Kerli; **Danilson, Mati**; Kaare, Kätlin; **Mikli, Valdek**; Kruusenberg, Ivar Electrochemistry Communications 2024 / art. 107781 <https://doi.org/10.1016/j.elecom.2024.107781> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Combustion of Estonian oil shale in fluidized bed boilers, heating value of fuel, boiler efficiency and CO2 emissions

Arro, Hendrik; **Prikk, Arvi**; **Pihu, Tõnu** Oil shale 2005 / 4S, p. 399-405 : ill https://artiklid.elnet.ee/record=b2352608*est

Cost savings and CO2 emissions reduction potential in the German district heating system with demand response

Ju, Yuchen; Lindholm, Joakim; Verbeck, Moritz; **Jokisalo, Juha**; **Kosonen, Risto**; Janßen, Philipp; Li, Yantong; Schäfers, Hans; Nord, Natasa Science and Technology for the Built Environment 2022 / p. 255 - 274 <https://doi.org/10.1080/23744731.2021.2018875>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Cost-optimal renovation solutions for detached rural houses in Severe cold regions of China

Hu, Xinyi; **Jokisalo, Juha**; **Kosonen, Risto**; Lehtonen, Matti; Shao, Teng Buildings 2023 / art. 771, 19 p. : ill
<https://doi.org/10.3390/buildings13030771> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Coupling of the electricity and district heat generation sectors with building stock energy retrofits as a measure to reduce carbon emissions

Jokinen, Ilkka; Lund, Andreas; Hirvonen, Janne; **Jokisalo, Juha; Kosonen, Risto**; Lehtonen, Matti Energy conversion and management 2022 / art. 115961, 17 p. : ill <https://doi.org/10.1016/j.enconman.2022.115961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Data-Driven Propulsion Load Optimization : Reducing Fuel Consumption and Greenhouse Gas Emissions in Double-Ended Ferries

Laasma, Andres; Aiken, Deniece Melissa; Kasepõld, Kadi; Hilmola, Olli-Pekka; Tapaninen, Ulla Pirita Journal of Marine Science and Engineering 2025 / art. 688 <https://doi.org/10.3390/jmse13040688> <https://www.mdpi.com/2077-1312/13/4/688>

Decarbonisation of Estonia's residential building stock

Lylykangas, Kimmo; Kertsmik, Kadri-Ann; Cerrone, Damiano; **Walke, Peter; Kuusk, Kalle; Kalamees, Targo** Energy and buildings 2025 / art. 116193 <https://doi.org/10.1016/j.enbuild.2025.116193>

Decarbonisation of fossil-fuel CHP based district heating system = Fossiilkütustel põhineva CHP kaugküttesüsteemi dekarboniseerimine

Rušeljuk, Pavel 2023 <https://doi.org/10.23658/taltech.62/2023> <https://digikogu.taltech.ee/et/Item/84455e85-92bf-4aba-8623-86c0904a8747> https://www.ester.ee/record=b5640849*est

Definition of a methodology for the development of a techno-economic study for CO2 transport, storage and utilization : Deliverable D7.1 of the Horizon 2020 CLEANER project [Online resource]

Šogenova, Alla; Šogenov, Kazbulat 2020 "[cleanker](#)"

Digitalization and CO2 emissions : dynamics under R&D and technology innovation regimes

Saia, Artjom Technology in society 2023 / art. 102323 <https://doi.org/10.1016/j.techsoc.2023.102323> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

EcoLight : Eco-friendly traffic signal control driven by urban noise prediction

Ounoughi, Chahinez; Touibi, Ghofrane; Ben Yahia, Sadok Database and Expert Systems Applications : 33rd International Conference, DEXA 2022, Vienna, Austria, August 22-24, 2022 : proceedings, Part I 2022 / p. 205–219 https://doi.org/10.1007/978-3-031-12423-5_16 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

EcoLight+ : a novel multi-modal data fusion for enhanced eco-friendly traffic signal control driven by urban traffic noise prediction

Ounoughi, Chahinez; Ounoughi, Doua; Ben Yahia, Sadok Knowledge and information systems 2023 / p. 5309–5329 <https://doi.org/10.1007/s10115-023-01938-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Economic perspectives of twin-transition : low-carbon production and inclusive digitalization = Rohe-digipöörde majanduslikud perspektiivid : madala süsinikeitega tootmine ja kaasav digitaliseerimine

Saia, Artjom 2024 https://www.ester.ee/record=b5676148*est <https://digikogu.taltech.ee/et/Item/f3804ab1-98db-4047-99d5-609a71069385> <https://doi.org/10.23658/taltech.17/2024>

Eesti Energia скоро получит новые технологии для уменьшения выбросов [Online resource]

Fjodorov, Aleksei rus.err.ee 2021 "[Eesti Energia скоро получит новые технологии для уменьшения выбросов](#)"

Eesti põlevkivenergeetikas tekkivate tahkjäätmete märgkarboniseerimine SO2 emissiooni vähendamiseks ning SKK saamiseks

Uibu, Mai; Velts, Olga; Kuusik, Rein, keemik XXXII Eesti Keemiapäevad : teaduskonverentsi teesid 2011 / lk. 103

Eesti teadlased arendavad jäätmevabu ehitusmaterjale

Ehitaja 2024 / lk. 34 : portr https://www.ester.ee/record=b1072123*est

Eesti tehnoloogiaettevõtted peavad CO2 neutraalsust möödapääsmatuks [Võrguväljaanne]

Malova, Dina novaator.err.ee 2021 / fot [Eesti tehnoloogiaettevõtted peavad CO2 neutraalsust möödapääsmatuks](#)

Effects of Carbon tax on urban Carbon Emission reduction : evidence in China environmental governance

Zhao, Aiwen; Song, Xiaoqian; Li, Jiajie; Yuan, Qingchun; Pei, Yingshun; Li, Ruilin; **Hitch, Michael William** International journal of environmental research and public health 2023 / art. 2289, 19 p. : ill <https://doi.org/10.3390/ijerph20032289>

Einari Kisel: puhtama elektri poole [Võrguväljaanne]

Kisel, Einari postimees.ee 2020 [Einari Kisel: puhtama elektri poole](#)

Ekspert Eesti Energia probleemidest: meie heitenormid on Euroopaga võrreldes karmimad

postimees.ee 2024 [Ekspert Eesti Energia probleemidest: meie heitenormid on Euroopaga võrreldes karmimad](#)

Emerging renovation strategies and technical solutions for mass-construction of residential districts built after World War II in Europe

Lihtmaa, Lauri; Kalamees, Targo Energy strategy reviews 2024 / art. 101282 <https://doi.org/10.1016/j.esr.2023.101282> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The emissions of NO_x, SO₂, CO and decomposition of carbonates during oxyfuel combustion of low heating value semicoke in CFB pilot facility

Nešumajev, Dmitri; Baqain, Mais Hanna Suleiman; Konist, Alar Fuel 2024 / art. 132563, 10 p. : ill <https://doi.org/10.1016/j.fuel.2024.132563> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Energiatehnoloog: kliimaneutraalsus on saavutatav ka põlevkiviga [Võrguväljaanne]

Harrik, Airika novaator.err.ee 2021 ["Energiatehnoloog: kliimaneutraalsus on saavutatav ka põlevkiviga"](#)

Energy management for an integrated energy system with data centers considering carbon trading

Wang, Yizheng; Li, Zhonghui; **Wen, Fushuan; Palu, Ivo**; Sun, Yikai; Zhang, Lijun; Gao, Meijin 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 I <https://doi.org/10.1109/PESGM41954.2020.9281980>

Estonian Energy Roadmap to carbon neutrality

Volkova, Anna; Kisel, Einari; Grünvald, Olavi; Veske, Andres; Sukumaran, Sreenath; Purga, Jaanus International journal of sustainable energy planning and management 2023 / p. 30-46 <https://doi.org/10.54337/ijsep.7568> [Journal metrics at Scopus](#) [Article at Scopus](#)

Euroopa perutav roheratsu

Rosin, Argo; Drovtar, Imre Postimees 2021 / Lk. 6-7

Future perspective of in situ soil analysis

Leinus, Mari-Liis; Jõul, Piia; Růžicka, Martin; Gorbatšova, Jelena; Vaher, Merike; Shimmo, Ruth; **Mazina-Šinkar, Jekaterina** Proceedings 2023 / art. 10 <https://doi.org/10.3390/proceedings2023092010>

Geological storage and mineral trapping of industrial CO₂ emissions - prospects in the Baltic Region

Šogenova, Alla; Sliupa, Saulius; **Šogenov, Kazbulat**; Sliapiene, Rasa; Pomeranceva, Raisa; **Uibu, Mai; Kuusik, Rein, keemik** First CO₂ Geological Storage Workshop, 29-30 September 2008, Budapest, Hungary. A04 2008 / p. 25-30

Geological storage of industrial CO₂ emissions - prospects in the Baltic States : problems and prospects

Šogenova, Alla; Sliupa, Saulius; **Šogenov, Kazbulat**; Sliapiene, Rasa; **Vaher, Rein**; Zabele, Angelina 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : abstracts 2007 / p. 65-66 : map https://www.ester.ee/record=b2291667*est

GHG emission trading implications on energy sector in Baltic States

Streimikiene, Dalia; **Roos, Inge** Renewable & sustainable energy reviews 2009 / 4, p. 854-862 : ill

High-level regional mapping of CO₂ emission sources, utilization industry and infrastructure in the Baltic Sea and Mediterranean Sea regions

Ringstad, Cathrine; Falck da Silva, Eirik; Skagestad, Ragnhild; Heyn, Richard; Biragnet, Cécile; Frykman, Peter; Anthonsen, Karen Lyng; Gravaud, Isaline; Wójcicki, Adam; **Šogenova, Alla; Šogenov, Kazbulat**; Sinayuç, Çağlar; Yıldırım, Betül; Bulbul, Sevtac; Sousa, Leandro-Henrique; Perimenis, Anastasios 2023 <https://doi.org/10.5281/zenodo.14392847>

Hoonete rekonstrueerimise pikaajaline strateegia

2020 <https://www.mkm.ee/media/155/download>

Identification of promising CCUS value chains in the two ZEN regions for further analyses in WP3

Šogenova, Alla; Šogenov, Kazbulat; Sousa, Leandro-Henrique; Wójcicki, Adam; Lothe, Ane Elisabet; Cruard, Quentin; Sinayuç, Çağlar; Yıldırım, Betül; Bülbül, Sevtac; Stevenson, Richard Lindsay; Perimenis, Anastasios 2023 <https://doi.org/10.5281/zenodo.14393007>

The impact of parallel energy consumption on the district heating networks

Latšov, Eduard; Siirde, Andres; Volkova, Anna; Thalfeldt, Martin; Kurnitski, Jarek Environmental and Climate Technologies 2019 / 13 p. : ill <https://doi.org/10.2478/rtuct-2019-0001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Industrial carbon dioxide emissions and potential geological sinks in the Baltic states

Sliupa, Saulius; **Šogenova, Alla; Šogenov, Kazbulat**; Sliapiene, Rasa; Zabele, A.; **Vaher, Rein** Oil shale 2008 / 4, p. 465-484 : ill https://www.researchgate.net/publication/237250227_Industrial_Carbon_Dioxide_emissions_and_potential_geological_sinks_in_the_Baltic_States

Influence of distributed generation development on national targets and electricity price in Estonia

Kuhi-Thalfeldt, Reeli; Valtin, Juhan 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 75-81 : ill

Innovative synergy CCUS and renewable energy project offshore Baltic using CO2 emissions from the cement industry Šogenov, Kazbulat; Šogenova, Alla Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 11 p.: ill <https://ssrn.com/abstract=3812387>

Integration of Buzzi and Heidelberg cement plants into the first operating and planned CCUS Cluster Projects Worldwide, using CLEANER Project GIS Database

Šogenova, Alla; Šogenov, Kazbulat; Ivask, Jüri; Habicht, Glea; Gastaldi, Daniela; Pellegrino, Guido Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p. : ill <https://ssrn.com/abstract=3813982>
<https://doi.org/10.2139/ssrn.3813982>

Investment analysis of waste heat recovery system installations on ships' engines

Olaniyi, Eunice Omolola; Prause, Gunnar Klaus Journal of marine science and engineering 2020 / art. 811, 21 p. : ill <https://doi.org/10.3390/jmse8100811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Karmid keskkonnandõuded seavad Ida-Virumaal ohtu 500 töökohta

Gamzejev, Erik Põhjarannik 2024 / lk. 3 <https://dea.digar.ee/article/pohjarannik/2024/11/26/4.1>

"Kas 350 miljonit läheb vanarauaks" : lühike ülevaade

Konist, Alar Elektriala 2023 / lk. 12-13 https://www.ester.ee/record=b1240496*est

Kas EKRE poliitikut vassisid kohtumisel Eesti Vanemate liikmetega? [Võrguväljaanne]

Kuznetsov, Stass ohtuleht.ee 2021 ["Kas EKRE poliitikut vassisid kohtumisel Eesti Vanemate liikmetega?"](https://www.ester.ee/record=b1240496*est)

Kas on võimalik vähendada Eesti põlevkivide põletamisel tekkivaid CO2 emissioone: regionaalsed perspektiivid ja võimalikud stsenaariumid

Šogenova, Alla; Šogenov, Kazbulat; Neele, Filip; **Ivask, Jüri; Vaher, Rein** XIX aprillikonverentsi "Eesti mere- ja maapõue uuringutest ning arukast kasutamisest" teesid 2011 / lk. 21-25 : kaart

Kas põlevkivienergeetikal on tulevikku?

Konist, Alar Riigikogu Toimetised 2023 / lk. 41-50 : ill https://rito.riigikogu.ee/wordpress/wp-content/uploads/2023/06/RiTo_47_2023.pdf
https://www.ester.ee/record=b1361123*est

Kasvuhoonegaaside emissioon energeetika sektorist

Roos, Inge Kümme aastat Eesti Soojustehnikainseneride Seltsi 2000-2010 2010 / lk. 37-41 : ill

Kliimaneutraalsus on saavutatav ka põlevkiviga, rakendades CO2 püüdmise CCU- ja CCS-tehnoloogiaid

Konist, Alar TööstusEST 2021 / lk. 62-64 : ill http://www.ester.ee/record=b4481084*est

Kurnitski: Eesti on süsiniku jalajälje osas maha jäänud

Kurnitski, Jarek; Vilk, Urve ehitusuudised.ee 2024 [Kurnitski: Eesti on süsiniku jalajälje osas maha jäänud](https://www.ester.ee/record=b1072778*est)

Länderbericht Estland : energy policy and tools for a low-carbon generation in Estonia

Rudi, Ülo Tagungsband Fachbereich Wirtschaftswissenschaften : 17. Zittauer Seminar zur energiewirtschaftlichen Situation in den Ländern Mittel- und Osteuropas : Zittau, 04-06 Oktober 2007 2008 / p. 150-161

Miks puidu rafineerimise teine tulek võiks ja peaks õnnestuma?

Kers, Jaan Äripäev 2021 / Lk. 18 : ill https://www.ester.ee/record=b2952033*est

Mineral sequestration of CO2 from Vernasca Ca-looping demo system : scale up to a pilot

Usta, Mustafa Cem; Uibu, Mai; Yörük, Can Rüstü; Tamm, Kadriann; Kuusik, Rein, keemik; Triikkel, Andres; Gastaldi, Daniela; Canonico, Fulvio Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 12 p.: ill <https://ssrn.com/abstract=3812245> <https://doi.org/10.2139/ssrn.3812245>

Multi-source district heating system full decarbonization strategies: Technical, economic, and environmental assessment

Pakere, Ieva; Feofilovs, Maksims; Lepiksaar, Kertu; Vitolinš, Valdis; Blumberga, Dagnija Energy 2023 / art. 129296 <https://doi.org/10.1016/j.energy.2023.129296> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mürkroheline Taani vs. mustjashall Eesti [Võrguväljaanne]

Karnau, Andrus postimees.ee 2021 / Lk. 10-11 : fot ["Mürkroheline Taani vs. mustjashall Eesti"](https://www.ester.ee/record=b1072778*est) https://www.ester.ee/record=b1072778*est

Numerical modeling and validation of a large-scale borehole thermal energy storage system in Finland

Xue, Tianchen; **Jokisalo, Juha; Kosonen, Risto;** Vuolle, Mika; Marongiu, Federica; Vallin, Sami; Leppäharju, Nina; Arola, Teppo

Oil shale oxyfuel CFB combustion = Oxyfuel tehnoloogia rakendamine põlevkivi CFB põletamisele

Baqain, Mais Hanna Suleiman 2024 https://www.ester.ee/record=b5685168*est <https://digikogu.taltech.ee/et/Item/0fdc7a64-d5bc-4310-aec2-88bfd867bce9> <https://doi.org/10.23658/taltech.26/2024>

Oliver Järvik: kliimaeesmärke aitaks kõige paremini täita vaesus

Järvik, Oliver 27. nov. 2023 [Oliver Järvik: kliimaeesmärke aitaks kõige paremini täita vaesus](#)

Pelletiäri ja puidupõletamine kliimat ei päästa

Maran, Kaur Postimees 2020 / Lk. 4-5 : fot <https://dea.digar.ee/article/postimees/2020/10/02/3.8>

Possibilities for geological storage and mineral trapping of industrial CO2 emissions in the Baltic region

Šogenova, Alla; Šliaupa, Saulius; **Šogenov, Kazbulat**; Šliaupiene, Rasa; Pomeranceva, Raisa; **Vaher, Rein**; **Uibu, Mai**; **Kuusik, Rein**, *keemik Energy procedia* 2009 / p. 2753-2760 : ill

Predicting CO2 and SO2 emissions in the Baltic States through reorganization of energy infrastructure

Denafas, Gintaras; **Sitnikovas, Denisas**; Galinis, Arvydas; Kudrenickis, Ivars; Klavs, Gaidis; **Kuusik, Rein**, *keemik Environment international* 2004 / p. 1045-1053 : ill

Professor Olev Träss: poliitika ja raha mõjutavad rohepööret kohutavalt palju

Träss, Olev postimees.ee 2024 / 1 lk. : ill <https://www.postimees.ee/7983967/intervjuu-professor-olev-trass-poliitika-ja-raha-mojutavad-rohepoolet-kohutavalt-palju>

Puidukütusel põhineva kaugkütte süsinikuheide on negatiivne

TööstusEST 2022 / lk. 19 : ill http://www.ester.ee/record=b4481084*est <https://toostusest.ee/ajakirjad/>

Puudega rahva osa süsinikuringes : metsaistutamise talgud on moodsa aja indulgentsikaubandus

Strandberg, Marek Sirp 2007 / 27. apr., lk. 2 <https://sirp.ee/s1-artiklid/c9-sotsiaalia/puudega-rahva-osa-s-sinikuringes/>

Põhjalik analüüs: kas põlevkivienergeetikal on tulevikku?

rohe.geenius.ee 2023 [Põhjalik analüüs: kas põlevkivienergeetikal on tulevikku?](#)

Põlevkivi kaevandamine - kas ja miks ning kelle huvides?

Vilu, Raivo; Polikarpus, Viido *Eesti Päevaleht* 2006 / 30. okt., lk. 8-9 <https://epl.delfi.ee/artikkel/51062112/polevkivi-kaevandamine-kas-ja-miks-ning-kelle-huvides>

Põlevkivi kasutamise lõpetamine ei ole hea plaan

Pirk, Kalle Postimees 2020 / lk. 17 : fot <https://dea.digar.ee/article/postimees/2020/11/17/14.6> [Põlevkivi kasutamise lõpetamine ei ole hea plaan](#)

Põlevkivi roll CO2 emissioonis Balti piirkonnas

Šogenova, Alla; Šliaupa, Saulius; **Šogenov, Kazbulat**; Šliaupiene, Rasa; **Vaher, Rein** *Eesti Põlevloodusvarad ja -jäätmed* 2007 / 1/2, lk. 27-28 : ill

Põlevkivist toodetud elektril on tulevikku ...

Konist, Alar *Elektriala* 2023 / lk. 8-9 : portr., fot https://www.ester.ee/record=b1240496*est

Põlevkiviõli tootmise konkurentsivõimelisus uues, aastatel 2013-2020 rakenduva kasvuhoonegaaside kauplemise süsteemis

Siirde, Andres *Innovaatilised lahendused ja säästvad tehnoloogiad : konverents* 2010 2010 / lk. 15-16

Quantitative carbon emission prediction model to limit embodied carbon from major building materials in multi-story buildings

Xie, Qimiao; **Jiang, Qidi**; **Kurnitski, Jarek**; Yang, Jiahang; Lin, Zihao; Ye, Shiqi *Sustainability* 2024 / art. 5575 <https://doi.org/10.3390/su16135575> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reducing CO2 emissions with oil shale circulating fluidized bed boiler ash

Konist, Alar; **Pihu, Tõnu** 21st international conference on fluidized bed combustion : Naples (Italy), June 3-6, 2012 : proceedings. Vol. 2 2012 / p. 1117-1122

Reduction of CO2 emissions by carbonation of alkaline wastewater

Uibu, Mai; **Velts, Olga**; **Trikkel, Andres**; **Kuusik, Rein**, *keemik Air pollution XVI* 2008 / p. 311-320 : ill

Reduction of CO2 emissions in Estonia during 2000-2030

Agabus, Hannes; Landsberg, Mart; Tammoja, Heiki Oil shale 2007 / p. 209-224 : ill

https://www.researchgate.net/publication/228625117_Reduction_of_CO2_emissions_in_Estonia_during_2000-2030

Reduction of greenhouse gas emissions from energy sector

Roos, Inge; Siirde, Andres 4th International Symposium Topical Problems of Education in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology : Kuressaare, Estonia, January 15-20, 2007 2007 / p. 154-156 : ill

Rohepööre - kas suur võimalus Ida-Virumaa jaoks?

Land, Tiit Elektriala 2021 / lk. 6-7 : fot https://www.ester.ee/record=b1240496*est

Rohepööre vajab nii mõistust kui südant [Võrguväljaanne]

postimees.ee 2021 "[Rohepööre vajab nii mõistust kui südant](#) "

Rohetiiger: roheline linn algab läbimõeldud planeerimisest

Hääl, Markus; Velve, Urel; **Sooväli-Sepping, Helen** delfi.ee 2023 [Rohetiiger: roheline linn algab läbimõeldud planeerimisest](#)

Seilame süsinikuheitlemevaba saarte liinilaevanduse poole

Kasepõld, Kadi Meremees : Eesti merendusajakiri = Estonian maritime magazine 2025 / lk. 16-17 : fot

https://www.ester.ee/record=b4646644*est https://issuu.com/ajakirimeremees/docs/meremees_nr_323

Six steps to reach carbon-free shipping

Tapaninen, Ulla Pirta Baltic Rim economies 2021 / 1 p. <https://sites.utu.fi/bre/six-steps-to-reach-carbon-free-shipping/>

Some scenarios of CO2 emissions from the energy system

Liik, Olev; Landsberg, Mart Estonia in the system of global climate change 1996 / p. 190-206: ill

Süsinikdioksiidi emissiooni piiramine energiatootmises - suundumused maailmas ja perspektiivid Eestis

Kuusik, Rein, keemik; Uibu, Mai XXIX Eesti keemiapäevad : teaduskonverentsi ettekannete teesid = 29th Estonian Chemistry Days : abstracts of scientific conference 2005 / lk. 51

Süsinikujalajälg hoonetes vajab õige pea hindamist

Alvela, Ain EhitusEST 2024 / lk. 15-16 https://www.ester.ee/record=b4442657*est

Synergies and trade-offs between carbon footprint and other environmental impacts of buildings : Cases from Finland, Norway and Estonia

Saneko, Paula; Alhola, Katariina; Chartrand, Emilie; Borg, Alexander; Andresen, Inger; **Lylykangas, Kimmo Sakari; Aljas, Hans-Kristjan; Kertsmik, Kadri-Ann** 2022 <https://doi.org/10.6027/temanord2022-551>

Teadlane räägib: mis asendaks tulevikus kivisütt, naftat ja põlevkivi? [Võrguväljaanne]

digi.geenius.ee 2021 "[Teadlane räägib: mis asendaks tulevikus kivisütt, naftat ja põlevkivi?](#)"

Techno-economic assessment of CO2 capture possibilities for oil shale power plants

Saia, Artjom; Nešumajev, Dmitri; Hazak, Aaro; Sander, Priit; Järvik, Oliver; Konist, Alar Renewable and sustainable energy reviews 2022 / art. 112938, 11 p. : ill <https://doi.org/10.1016/j.rser.2022.112938> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Techno-economic modelling of the Baltic CCUS onshore scenario

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl Baltic Carbon Forum 2022 / p. 4 <https://doi.org/10.21595/bcf.2022.22841>

Techno-economic modelling of the Baltic CCUS onshore scenario : [PowerPoint presentation]

Šogenova, Alla; Šogenov, Kazbulat; Simmer, Karl; Uibu, Mai; Kuusik, Rein, keemik 2022 [https://bcforum.net/forum_presentations2022/03_03_Dr.%20Alla%20Shogenova%20\(TalTech.%20Estonia\)%20.pdf](https://bcforum.net/forum_presentations2022/03_03_Dr.%20Alla%20Shogenova%20(TalTech.%20Estonia)%20.pdf)

Techno-economic modelling of the Baltic CCUS onshore scenario for the cement industry supported by CLEANER project

Šogenova, Alla; Šogenov, Kazbulat; Uibu, Mai; Kuusik, Rein, keemik; Simmer, Karl; Canonico, Fulvio Proceedings of the 15th Greenhouse Gas Control Technologies Conference 15-18 March 2021 2021 / 13 p. : ill <https://ssrn.com/abstract=3817710> <https://doi.org/10.2139/ssrn.3817710>

The effect of Estonian electricity production scenarios on CO2 and SO2 emissions in 2000-2030

Kuhi-Thalfeldt, Reeli; Kuhi-Thalfeldt, Aron; Valtin, Juhan Recent advances in electric power systems, high voltages, electric machines : proceedings of the 9th WSEAS/IASME International Conference on Electric Power Systems, High Voltages, Electric Machines (POWER'09) : Genova, Italy, October 17-19, 2009 2009 / p. 182-189

The feasibility of zero-emission neighbourhood renovation of apartment buildings in a cold climate
Kertsmik Kadri-Ann; Kalamees, Targo; Arumägi, Endrik; Hallik, Jaanus Building and Environment 2025 / art. 113004
<https://doi.org/10.1016/j.buildenv.2025.113004>

The future of Estonian energetics : dependency on CO2 emission reduction
Esop, Markko-Raul; Liik, Olev The Baltic review 1999 / p. 35-37, 52: ill

The impact of energy renovation on continuously and intermittently heated residential buildings in Southern Europe
Wang, Yangmin; Hirvonen, Janne; Qu, Ke; Jokisalo, Juha; Kosonen, Risto Buildings 2022 / art. 1316, 33 p. : ill
<https://doi.org/10.3390/buildings12091316> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The impact of municipal solid waste management on greenhouse gas emissions in Estonia
Moora, Harri; Voronova, Viktoria; Reihan, Alvina Interdisciplinary aspects of climate change 2009 / p. 311-325 : ill

The influence of oil shale combustion technology on carbon dioxide emission
Ots, Arvo Economics of greenhouse gas limitations : country study series : Estonia 1999 / p. 69-98: ill

The new technologies to increase the efficiency and decrease the CO2 and harmful gas emissions in using Estonian oil shale
Vrager, Allan 17th Congress of the World Energy Council : (student program) : Houston, USA, September 12-18, 1998 1998 / p. 1-5

Toodame koos elektriga ka vajaminevaid materjale! : [juhtkiri]
Konist, Alar Elektriala 2023 / lk. 5 : fot https://www.ester.ee/record=b1240496*est

TTÜ professor: Riik ei peaks elektri tootmisel välistama põlevkivi [Võrguväljaanne]
Konist, Alar rohe.geenius.ee 2022 [TTÜ professor: Riik ei peaks elektri tootmisel välistama põlevkivi](#)

Tuuleenergia konkurentsivõime ja CO2 emissioonide vähenemise analüüs Eestis mudeliga MARKAL
Liik, Olev; Esop, Markko-Raul Taastuvate energiaallikate uurimine ja kasutamine : teise konverentsi kogumik = Investigation and Usage of Renewable Energy Sources : second conference proceedings 2001 / lk. 49-55 : ill

ViDRIK - Ida-Virumaa rohe- ja digipöörde elluviija
Roosileht, Mare Mente et Manu 2021 / lk. 44-47 : fot [Mente et Manu 2/2021](#)

Алар Конист: по сравнению с остальной Европой нормы выбросов в Эстонии слишком строгие
Konist, Alar rus.err.ee 2024 [Алар Конист: по сравнению с остальной Европой нормы выбросов в Эстонии слишком строгие](#)

Крупенский: в области электроэнергетики необходим переход [Online resource]
Stolitsa.ee 2021 ["Крупенский: в области электроэнергетики необходим переход"](#)

Профессор Курницкий: изменения климата - дело рук человека [Online resource]
Tuhh, Boriss Stolitsa Борис Тух / С. 10-11 ["Профессор Курницкий: изменения климата - дело рук человека "](#)

Строгие требования по окружающей среде ставят под угрозу 500 рабочих мест в Ида-Вирумаа
Gamzejev, Erik Severnoje Poberezhje Северное побережье 2024 [Строгие требования по окружающей среде ставят под угрозу 500 рабочих мест в Ида-Вирумаа](#)

Эксперт о проблемах Eesti Energia: наши нормы выбросов строже, чем в Европе
rus.postimees.ee 2024 [Эксперт о проблемах Eesti Energia: наши нормы выбросов строже, чем в Европе](#)