

Air distribution influence to the bifuel grate firingboiler emissions

Veski, Ants; Paist, Aadu; Borovikov, Vitali; Tiikma, Toomas Scientific proceedings of Riga Technical University. 4. [series] 2005 / [15] p

Analysis of policy alignment including country case studies : Deliverable D8.1

Šogenova, Alla; Šogenov, Kazbulat; Fantini, Martina; Ferrari, Katia; Guasti, Elisa; Martinelli, Francesco; Sogni, Alberto; Damasiotis, Markos; Patlitzianas, Kostas; Tzaos, Petros; Dütschke, Elisabeth; Kantel, Anne; Jannsen, Hannah 2024
<https://www.herccules.eu/results-publications/deliverables/public.html>

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>

ClimMIT - Climate change mitigation with CCS and CCU technologies

Uibu, Mai; Siirde, Andres; Järvik, Oliver; Triikkel, 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 jalajälje andmebaasil on veel arenguruumi

Vilk, Urve Ehitaja 2024 / lk. 32-34 : fot https://www.ester.ee/record=b1072123*est https://artiklid.elnet.ee/record=b2909894*est

Comparison measurements between VTT and TTU (27.-30.10.1999)

Loosaar, Jüri X Valtakunnalliset päästömittajapäivät, 22.-23.03.2001, Lahti 2001 / [9] s

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 mining and cybersecurity-driven solutions for CO2 emissions reduction of different maritime shipping : A multi-faceted analysis

Rahimpour, Saeed; Shahin, Mahtab; Gülmez, Yigit; Bauk, Sanja Proceedings of Tenth International Congress on Information and Communication Technology : ICICT 2025 2025 / p. 471-483 https://doi.org/10.1007/978-981-96-6935-6_39 [Scopus](#)

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

Determination of biomass content in combusted municipal waste and associated CO2 emissions in Estonia

Moora, Harri; **Roos, Inge;** Kask, Ülo; Kask, Livia; Ōunapuu, Kerlin Energy procedia 2017 / p. 222-229 : tab
<https://doi.org/10.1016/j.egypro.2017.09.059> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Economic perspectives of twin-transition : low-carbon production and inclusive digitalization = Rohe-digipöörde majanduslikud perspektiivid : madala süsinikheitega 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>

Efficient energy recovery from textile waste and biomass mixture

Kramens, Janis; Vigants, Edgars; Kanukuntla, Sai-Pavan; **Goljandin, Dmitri** Engineering for Rural Development ; vol. 22 2023 / p. 817 - 825 <https://doi.org/10.22616/ERDev.2023.22.TF161> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

Emission measurements of TTU

Loosaar, Jüri; Parve, Teet XIII Valtakunnalliset päästömittaajapäivät : Finland, Lahti, 01.-02.2004 2004 / p. 51-57

Emission trading systems for new cars [Electronic resource]

Pädam, Sirje-Ilona; Johansson, Joakim 2006

Emissions and power demand in optimal energy retrofit scenarios of the Finnish building stock by 2050

Hirvonen, Janne; Heljo, Juhani; **Jokisalo, Juha;** Kurvinen, Antti; Saari, Arto; Niemelä, Tuomo; Sankelo, Paula; **Kosonen, Risto** Sustainable cities and society 2021 / art. 102896, 22 p. : ill <https://doi.org/10.1016/j.scs.2021.102896> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Energia- ja elumajandus peab olema taskukohane

Kurnitski, Jarek postimees.ee 2023 [Energia- ja elamumajandus peab olema taskukohane](#)

Energy, cost and emission saving potential of demand response and peak power limiting in the German district heating system

Suhonen, Janne; Lindholm, Joakim; Verbeck, Moritz; **Ju, Yuchen**; **Jokisalo, Juha**; **Kosonen, Risto**; Janßen, Philipp; Schäfers, Hans International journal of sustainable energy 2023 / p. 1092-1127 : ill <https://doi.org/10.1080/14786451.2023.2251601> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

GHG emission trading implications on energy sector in Baltic States

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

Greenhouse gas emission reduction perspectives in the Baltic States in frames of EU energy and climate policy

Roos, Inge; **Soosaar, Sulev**; **Volkova, Anna**; Streimikene, Dalia Renewable & sustainable energy reviews 2012 / p. 2133-2146 : ill <https://www.sciencedirect.com/science/article/pii/S1364032112000147>

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>

The impact of the technical requirements of the renovation grant on the ventilation and indoor air quality in apartment buildings

Mikola, Alo; **Hamburg, Anti**; **Kuusk, Kalle**; **Kalamees, Targo**; **Voll, Hendrik**; **Kurnitski, Jarek** Building and environment 2022 / art. 108698 <https://doi.org/10.1016/j.buildenv.2021.108698> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Increased barium levels in recent marine sediments from the Norwegian and Barents Seas suggest impact of hydrocarbon drilling and production

Haanes, Hallvard; Jensen, Henning K.B.; **Lepland, Aivo**; Heldal, Hilde Elise Marine Pollution Bulletin 2023 / art. 114478 <https://doi.org/10.1016/j.marpolbul.2022.114478>

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>

Karmid keskkonnandöüded seavad Ida-Virumaal ohtu 500 töökohta

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

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**; **Trikkell, 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>

Mis toimub elektriturul?

Rajangu, Väino Maaleht 2021 / Lk. 18 <https://dea.digar.ee/article/maaleht/2021/12/16/18.1>

Production-based and consumption-based national greenhouse gas inventories : an implication for Estonia

Gavrilova, Olga; **Vilu, Raivo** Ecological economics 2012 / p. 161-173 : ill <https://www.sciencedirect.com/science/article/pii/S0921800912000432>

Päästõmittaustõiminta

Loosaar, Jüri; **Parve, Teet** XVIII valtakunnalliset Päästõmittajapäivat : Lahti, Suomi, 1.-3.04.2009 2009 / ? p

Re-assessment of CO2 and SO2 emissions in energy sector by using LEAP-model : experiences from Estonian energy sector planning

Kuldna, Piret; **Kuhi-Thalfeldt, Reeli**; Peterson, Kaja LIAISE Policy Brief 2013 / [9] p. : ill https://refubium.fu-berlin.de/bitstream/handle/fub188/18135/LIAISE_Policy_brief_03.pdf?sequence=1&isAllowed=y

Rohepõõrde poolt ja vastu

Kurnitski, Jarek Postimees 2023 / Lk. 13 <https://dea.digar.ee/article/postimees/2023/01/17/14.6>

The role of CCUS clusters and hubs in reaching carbon neutrality : case study from the Baltic Sea region

Šogenova, Alla; **Šogenov, Kazbulat**; **Sliaupa, Saulius**; **Sliaupiene, Rasa** Chemical Engineering Transactions 2023 / p. 169-174

<https://doi.org/10.3303/CET23105029> <https://www.cetjournal.it/cet/23/105/029.pdf>

Socio-economic impacts of large-scale deep energy retrofits in Finnish apartment buildings

Hirvonen, Janne; Saari, Arto; **Jokisalo, Juha**; Kosonen, Risto Journal of cleaner production 2022 / art. 133187, 19 p. : ill <https://doi.org/10.1016/j.jclepro.2022.133187> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A systematic mapping of emission control areas (ECAs) and particularly sensitive sea areas in maritime environmental governance

Aiken, Deniece Melissa; Tapaninen, Ulla Pirita Oceans 2025 / art. 60 <https://doi.org/10.3390/oceans6030060>

Tallinna Tehnikaülikooli eesmärgiks on nullilähedane heide aastaks 2035

Bioneer.ee 2025 <https://bioneer.ee/tallinna-tehnika%C3%BClikooli-eesm%C3%A4rgiks-nullil%C3%A4hedane-heide-aastaks-2035>

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](#)

Towards EU 2020 : an outlook of SECA regulations implementation in the BSR

Olaniyi, Eunice Omolola Baltic journal of European studies 2017 / p. 182-207 http://www.ester.ee/record=b2675037*est <https://doi.org/10.1515/bjes-2017-0016> [Journal metrics at Scopus](#) [Article at Scopus](#)

Water emissions and their reduction in village communities villages in Baltic Sea Region as pilots (VillageWaters) [Online resource]

Dulova, Niina; Räsänen, Kati; Virtanen, Yrjö The First International Scientific Conference : Ecological and Environmental Engineering : 26-29 June 2018, Kraków, Poland : book of abstracts 2018 / p. 50 <https://coee.urk.edu.pl/zasoby/164/Book.pdf>

Гидрологические аспекты для определения предельно допустимого сброса (ПДС)

Lode, Elve Неустановившиеся процессы в системах водоснабжения и водоотведения 1987 / с. 22-29

Станет ли все-таки идея об АЭС в Эстонии реальностью? „Ветряк любой дурак поставить может, а для атомной энергетики нужны мозги“

Tigasson, Külli-Riin rus.delfi.ee 2023 [Станет ли все-таки идея об АЭС в Эстонии реальностью? „Ветряк любой дурак поставить может, а для атомной энергетики нужны мозги“](#)

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](#)