







About

SCHWENK Latvia:

- Leading manufacturer of building materials in Latvia
- Offers solutions for the production of high quality cement, mineral materials, ready mix concrete and concrete pavement.
- More than 350 people are employed in SCHWENK Latvija (Latvia), and more than 500 subcontractors are constantly working.
- Owner of the only cement plant in Latvia. Its production capacity is up to 1.6 million tons of cement per year.
- About 70% of the cement produced in Broceni is exported to Lithuania, Estonia, Sweden and Finland.
- The plant in Broceny is one of the most modern cement plants in Europe, where a fully closed production cycle is organized, continuous monitoring is carried out and the latest technologies and solutions are used.

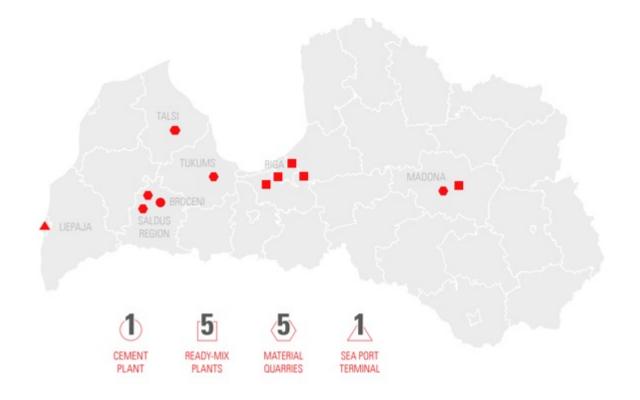






About

In Latvia Schwenk
produces cement in
Broceni cement plant,
readymix in five plants in
Latvia and aggregates in
four quarries.
Our assets include also
sea-port terminal in
Liepaja and
two raw-material quarries
– the biggest limestone
quarry
in Latvia Kumas and clay
quarry Caunes.







About

Management system certificates in SCHWENK Latvia:

- ISO 9001:2005 Quality management systems
- ISO 14001:2015 Environmental management systems
- ISO 45001:2018 Occupational health and safety management system
- ISO 5001:2012 Energy management system





Reporting 1: Annual reporting to Environmental protection agency

Aim: Control of compliance with emission limits set in Environmental Permit



SIA"SCHWENK Latvija"

Brocēnu cementa rūpnīca ar sausā procesa tehnoloģiju



Pārskats par A kategorijas atļaujas Nr. LI-14 IA-0005 nosacījumu izpildi 2019.gadā.

Sagatavoja: SIA*SCHWENK Latvija* Vides nodajas vadītāja Tet67033540 Mob:29448989

Xauc_____ / Santa Kļava/

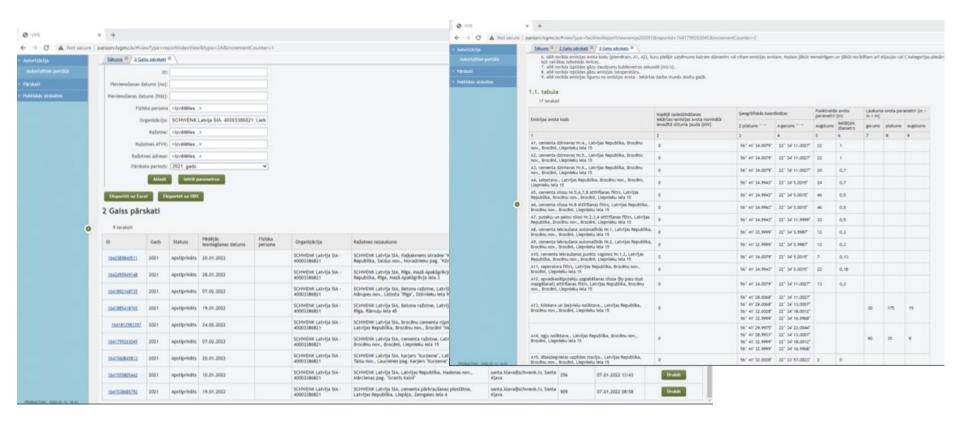


content/uploads/2020/03/Akategorijas-piesarnojosas-darbibasatlaujas-nosacijumu-izpilde-2019-1.pdf





Reporting 1: Filling out forms





http://parissrv.lvgmc.lv/



Reporting 2: Nature resource tax

Aim: calculation of Nature Resource tax

Natural Resources Tax Law

Section 16. Calculation of the Tax for Emission of Carbon Dioxide (CO₂)

- (1) A limit for the emission of carbon dioxide (CO₂) specified in Annex 4 to this Law is not defined, and the tax for the whole volume of emission of carbon dioxide (CO₂) shall be calculated, applying the rates specified in Annex 4 to this Law. The volume of carbon dioxide (CO₂) emission from stationary technological installations shall be calculated, taking into account the type and chemical composition of the heating fuel, raw materials and ancillary substances, volume of the heating fuel used, raw materials and ancillary substances, quantity of the manufactured production, lowest calorific value and oxidation factor or conversion factor.
- (2) The procedures for the calculation of the volume of carbon dioxide (CO₂) emission shall be determined by the Cabinet.

Tax Rates for Air Pollution

No.	Classification of emission	Unit of measurement	Rate in the period of time from 1 January 2020 to 31 December 2020 (EUR)	Rate in the period of time from 1 January 2021 to 31 December 2021 (EUR)	Rate in the period of time from 1 January 2022 to 31 December 2022 (EUR)	Rate from 1 January 2023 (EUR)
1.	Emission of carbon dioxide (CO²) from the polluting activity referred to in Chapter I, Clause 1 of Annex 2 to the law On Pollution if the production capacity does not exceed the indicator referred to in Annex 2 to the law On Pollution	ton	9.00	12.00	15.00	15.00
2.	Emission of carbon dioxide (CO ₂) from the polluting activity referred to in Chapter I, Clauses 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 23, and 24 of Annex 2 to the law On Pollution if the production capacity or the amount of the products produced does not exceed the indicator referred to in Chapter I of Annex 2 to the law On Pollution and the greenhouse gas emission permit has not been issued to it	ton	9.00	12.00	15.00	15.00

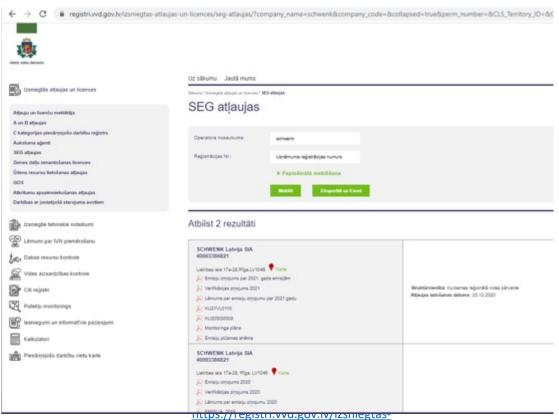






Reporting 3: EU ETS reporting

Aim: control of compliance with GHG allowances and (possible) trading of allowances





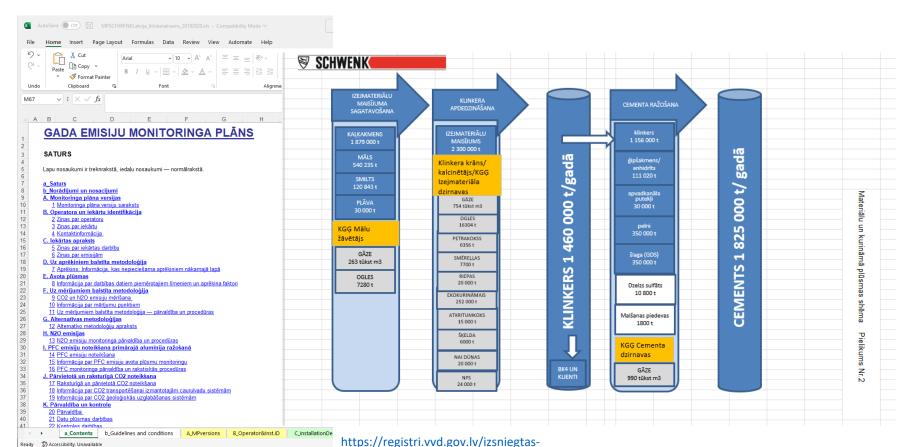
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Reporting 3: EU ETS reporting





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Reporting 3: EU ETS reporting

VERIFICATION REPORT

For the verification of operator's emission reports and aircraft operator's emission reports and tonne-kilometre report

Name of Operator: Name of Operator: Name of Operator: Name of Institution: Name of Operator: Name of Institution: Name of Operator: Name of Institution: Name of Operator: Name of Name of Institution: Name of Operator: Name of Institution: Name of National Report of Name of National Name of Nation	Independent Reasonable Assurance Verification Report Opinion Statement - Emissions Trading System EU ETS Annual Reporting			Lead EU ETS Auditor:	VERIFICATION TEAM
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WECOOP

Changes to the Operator

European Union

EU – Central Asia Cooperation on Water – Environment – Climate Change atlaujas/?company name=schwenk&c ompany code=&collapsed=true&per m number=&CLS Territory ID=&CLS Territory ID autocomplete=&perm d ate from=&perm date to=&s=1

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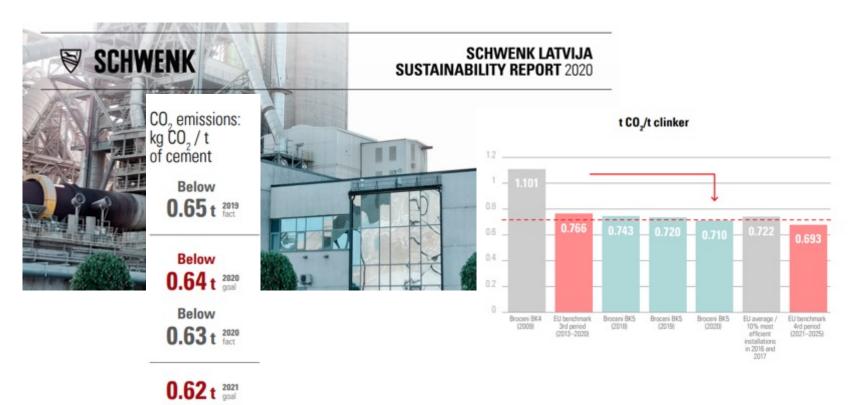
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Reporting 4: ESG reporting

Aim: reporting for various ESG related purposes (monitoring of progress towards company's own sustainability goals, 3rd party requirements, Annual Sustainability report etc.)



https://schwenk.lv/wp-





Reporting 5: Environmental product declaration

Aim: part of product (cement) Life-cycle Assessment

Environmental product declaration
In accordance with ISO 14025 and EN 15804 + A2

CEM I 42.5 R



Owner of the declaration:
\$CHMING Surge AB

Declared unit:
1 tonne CIM (42.5 R)

This inclination is based on Product Category
Bales:
CIM Standard DY 1500t 2012-A-2/2019 serves as core
PCR and 6N 1400th used on PCR Part B

Program operation: The Norwegian IPO Foundation Declaration number: NGPO-3756-3887-4N Registration number; NGPO-3756-2887-4N LCA: Results

The LCA results are presented below for the declared unit defined on page 2 of the EPD document.

Environmental impact											
	Parameter	Unit	A1-A3	A4							
(0)	GWP-total	kg CO ₂ -eq	7,07E+02	1,97E+01							
0	GWP-fossil	kg CO ₂ -eq	7,06E+02	1,97E+01							
()	GWP-biogenic	kg CO ₂ -eq	6,94E-01	6,08E-03							
()	GWP-luluc	kg CO ₂ -eq	7,78E-02	6,67E-03							
0	COP	kg CFC11 -eq	1,31E-05	4,20€-06							
E	AP	mol H+ -eq	1,91E+00	3,35E-01							
-	EP-FreshWater	kg P -eq	3,83E-03	1,03E-04							
-	EP-Marine	kg N -eq	7,57E-01	7,83E-02							
	EP-Terrestial	mol N eq	8,42E+00	8,78E-01							
A	POCP	kg NMVOC -eq	2,03E+00	2,36E-01							
160	ADP-minerals&metals ¹	Kg Sb-eq	9,50E-04	2,12E-04							
8	ADP-fossil ¹	MU	1,54E+03	2,81E+02							
6	WDP ¹	m ³	6,93E+04	1,47E+02							

GWP total Global Warming Potential total; GWP fossil Global Warming Potential fossil fuels; GWP biogenic Global Warming Potential biogenic; GWP luluc Global W Potential land use change; GDP Czone Depletion; AP Acidification; EP freshwater Eutrophication aquatic freshwater. EP marine Eutrophication aquatic marine; EP terrestrial Eutrophication terrestrial; POCP Photochemical zone formation; ADPE Abiotic Depletion Potential minerals and metals; ADPf Abiotic Depletion Potential fuels; WPD Water Depletion Potential

"Reading example: 9,0 E-03 = 9,0*10-3 = 0,009" "INA Indicator Not Assessed

- 1. The results of this environmental impact indicator shall be used with care as the uncertainties on these results are high or as there is limited experienced with the indicator
- 3. Eutrophication aquatic freshwater shall be in kg P-eq., there is a typo in EN 15804:2012+A2:2019 regarding this unit. Eutrophication calculated as PO4-eq is presented on page 11



https://schwenk.lv/wpcontent/uploads/2022/10/NEPD-3756-2697 CEM-I-42.5-R.pdf







Thank you!

Office 15 5 Dostyk str. Z05H9M1 Astana

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