

# GRI Standards Indicator and General standard disclosures

**GRI Standards Indicator and General standard disclosures**      **SUEK's response in 2019**

**GENERAL DISCLOSURE**

**ORGANISATIONAL PROFILE**

<b>102-1</b> Name of the organisation	JSC SUEK (JSC Siberian Coal Energy Company)
<b>102-2</b> Activities, brands, products, and services	Year highlights, pages 2–3 SUEK at a glance, pages 4–5 Where we operate, pages 6–7 Business model, pages 12–13 222Information on the company, page 173
<b>102-3</b> Location of headquarters	Contacts, page 173
<b>102-4</b> Location of operations	None of SUEK's production sites are situated in protected or natural reserve areas including the protected territories. Where we operate, pages 6–7
<b>102-5</b> Ownership and legal form	Information on the company, page 173
<b>102-6</b> Markets served	Where we operate, pages 6–7 Business review, pages 60–75
<b>102-7</b> Scale of the organisation	SUEK at a glance, pages 4–5 Where we operate, pages 6–7 Business review, pages 60–75 Group financial review, pages 56–59 Financial statements, page 156
<b>102-8</b> Information on employees and other workers	Business model, pages 12–13 Our people and corporate culture, pages 95–99
<b>102-9</b> Supply chain	Business model, pages 12–13 Business review, page 75 See also our Sustainable Development Report for 2018–2019 on the website: <a href="http://www.suek.com/investors/reporting/#year_19">http://www.suek.com/investors/reporting/#year_19</a>
<b>102-10</b> Significant changes to the organisation and its supply chain	Where we operate, pages 6–7 CEO's statement, pages 10–11 Strategy, page 29 Financial statements, pages 156–157
<b>102-11</b> Precautionary principle or approach	SUEK subscribes to the precautionary approach particularly as regards our control of occupational health and safety, and our impact on the environment. This is implemented through our risk management process. Risk management, pages 34–43 Health & safety, pages 80–85 Environment, pages 86–94 Additional information on our Policies is available on our corporate website: <a href="http://www.suek.com/about-us/corporate-governance/by-laws/">www.suek.com/about-us/corporate-governance/by-laws/</a>
<b>102-12</b> External initiatives	SUEK at a glance, pages 4–5 Our approach to sustainability, pages 78–79 Health & safety, page 81 Environment, page 87 Our people and corporate culture, page 96 Communities, page 101 See also our Sustainable Development Report for 2018–2019 on the website: <a href="http://www.suek.com/investors/reporting/#year_19">http://www.suek.com/investors/reporting/#year_19</a>
<b>102-13</b> Membership of associations	SUEK's key memberships include: <ul style="list-style-type: none"> <li>• Russian Union of Industrialists and Entrepreneurs</li> <li>• RAND corporation</li> <li>• Clean Coal Association</li> <li>• All-Russia Industrial Association of Employers of the Coal Industry</li> <li>• The Russian Managers Association</li> <li>• German–Russia Chamber of Commerce</li> <li>• World Coal Association</li> <li>• Bettercoal</li> <li>• Vision Zero</li> <li>• World energy council</li> <li>• Anti-corruption Charter of Russian Business</li> <li>• AD HOC COUNCIL (the European Government Business Relations Council)</li> </ul>

**STRATEGY**

<b>GRI Standards Indicator and General standard disclosures</b>	<b>SUEK's response in 2019</b>
<b>102-14</b> Statement from senior decision-maker	SUEK's main beneficiary's statement, title page Chairman's statement, pages 8–9 CEO's statement, pages 10–11
<b>102-15</b> Key impacts, risks and opportunities	What impacts SUEK's ability to create value, its sustainability and its stakeholders, is presented in the following sections: Chairman's and CEO's statements, pages 8–11 Market fundamentals and SUEK, pages 16–21 Strategy, pages 22–33 Risk management, pages 34–43 Materiality, pages 44–47
<b>ETHICS AND INTEGRITY</b>	
<b>102-16</b> Values, principles, standards, and norms of behavior	Strategy, pages 22–33 Our approach to sustainability, pages 78–79 Our people and corporate culture, pages 95–99 Corporate governance, pages 104–121 Our Code of Ethics is available on our corporate website: <a href="http://www.suek.com/about-us/corporate-governance/by-laws/">www.suek.com/about-us/corporate-governance/by-laws/</a>
<b>102-17</b> Mechanisms for advice and concerns about ethics	Our people and corporate culture, page 99 Compliance management system, page 116
<b>GOVERNANCE</b>	
<b>102-18</b> Governance structure	Corporate governance, page 106
<b>102-19</b> Delegating authority	Corporate governance, pages 104–121 For more information, see section 15 and 16 of the Charter of JSC SUEK on our corporate website: <a href="http://www.suek.com/about-us/corporate-governance/by-laws/">www.suek.com/about-us/corporate-governance/by-laws/</a>
<b>102-20</b> Executive-level responsibility for economic, environmental and social topics	Corporate governance, pages 104–121 Our approach to sustainability, page 79
<b>102-21</b> Consulting stakeholders on economic, environmental, and social topics	Materiality, pages 44–45 Stakeholder engagement, pages 48–49 Environment, page 86 Communities, page 102
<b>102-22</b> Composition of the highest corporate body and its Committees	Board of Directors' report, pages 108–111
<b>102-23</b> Chair of the highest governance body	The Chairman of the Board of Directors, the highest governance body, is not an executive officer. Board of Directors' report, pages 108–111
<b>102-24</b> Nomination and selection processes for the highest governance body	Board of Directors' report, pages 108–111
<b>102-25</b> Conflicts of interests	Corporate governance, pages 104–121 The related-party transactions are reported in Financial statements, page 150
<b>102-26</b> The role of the highest governance body and senior executives in setting purpose, values and strategy	The Board has final approval of SUEK's strategy and goals for environmental and social development. Corporate governance, pages 104–121
<b>102-27</b> Highest governance body's collective knowledge	Corporate governance, pages 104–121
<b>102-28</b> Evaluation of the activities of the highest body of governance	Corporate governance, pages 104–121
<b>102-29</b> Identification and management of economic, environmental and social impacts	Corporate governance, pages 104–121
<b>102-30</b> Risk management	Risk management, pages 34–43
<b>102-31</b> Review of economic, environmental and social topics	Corporate governance, pages 104–121 Risk management, pages 34–43 Materiality, pages 44–47 Environment, page 86
<b>102-32</b> Highest governance body's role in sustainability report	The Report is approved by the Audit Committee of the Board of Directors. About this Report, page 173

**GRI Standards Indicator and General standard disclosures**

**SUEK's response in 2019**

<b>102-33</b> Communicating critical concerns	Risk management, pages 34–43 Materiality, pages 44–47 Stakeholder engagement, page 49 Corporate governance, pages 104–121
<b>102-34</b> The nature and the total number of critical concerns	Risk management, pages 34–43 Materiality, pages 44–47 Stakeholder engagement, page 49 Our people and corporate culture, page 99 Corporate governance, pages 104–121
<b>102-35</b> Remuneration policies	Board of Directors' report, pages 108–111 Management Board report, pages 120–121
<b>102-36</b> Process for determining remuneration	Board of Directors' report, pages 108–111 Management Board report, pages 120–121
<b>102-37</b> Stakeholders' involvement in remuneration	Stakeholder engagement, page 49

**STAKEHOLDER ENGAGEMENT**

<b>102-40</b> List of stakeholder group(s)	Stakeholder engagement, pages 48–49
<b>102-41</b> Collective bargaining agreements	Our people and corporate culture, page 98
<b>102-42</b> Identifying and selecting stakeholders	Stakeholder engagement, pages 48–49
<b>102-43</b> Approach to stakeholder engagement	Stakeholder engagement, pages 48–49
<b>102-44</b> Key topics and concerns raised	Chairman's statement, pages 8–9 CEO's statement, pages 10–11 Materiality, pages 44–47 Stakeholder engagement, pages 48–49 Chairman's introduction, pages 104–105 Board of Directors' report, pages 110–111

**REPORTING PRACTICE (REPORT PROFILE)**

<b>102-45</b> Entities included in the consolidated financial statements	Consolidated financial statements, page 156
<b>102-46</b> Defining report content and topic Boundaries	Materiality, pages 44–47 About this Report, page 173
<b>102-47</b> List of material topics	Materiality, pages 44–47
<b>102-48</b> Restatements of information	There were no restatements of information in this Report.
<b>102-49</b> Changes in reporting	Materiality, pages 44–47
<b>102-50</b> Reporting period	Financial year from 1 January 2019 to 31 December 2019
<b>102-51</b> Date of most recent report	March 2019
<b>102-52</b> Reporting cycle	Annual
<b>102-53</b> Contact point for questions regarding the report	Olga Ilina, Head of Investor Relations E-mail: ir@suek.ru
<b>102-54</b> Claims of reporting in accordance with the GRI Standards	This report has been prepared in accordance with the GRI Standards: Core option.
<b>102-55</b> GRI content index	158
<b>102-56</b> External assurance	The Report was prepared under the supervision of SUEK's Chief Financial Officer, with the Audit Committee of the Board of Directors also collectively contributing to its preparation and ensuring its overall integrity. The consolidated financial statements included in this Report were audited and the text of the report was reviewed by JSC 'KPMG'.

**SPECIFIC DISCLOSURE**

**ECONOMIC**

**201 ECONOMIC PERFORMANCE**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Chairman's statement, pages 8–9 Strategy, pages 22–33 Group financial review, pages 56–59 Business model, pages 12–13

<b>GRI Standards Indicator and General standard disclosures</b>	<b>SUEK's response in 2019</b>
<b>103-3</b> Evaluation of the management approach	Group financial review, pages 56–59 Corporate governance, page 113
<b>201-1</b> Direct economic value generated and distributed	Year highlights, pages 2–3 Business model, pages 12–13 Group financial review, pages 56–59 Financial Statements, pages 122–157
<b>201-2</b> Financial implications and other risks and opportunities due to climate change	Risk management, pages 34–43 Environment, pages 87–89 SUEK's position on climate change is available on our corporate website: <a href="http://www.suek.com/en/sustainability/environment/">www.suek.com/en/sustainability/environment/</a>
<b>201-3</b> Defined benefit plan obligations and other retirement	Our people and corporate culture, pages 95–99 Financial Statements, pages 122–157
<b>201-4</b> Financial assistance received from government	During the reporting period the company did not receive any subsidies from the government. However, some infrastructural and social projects implemented by the company can be subsidised by the government. Strategy, pages 22–33
<b>203 INDIRECT ECONOMIC IMPACTS</b>	
<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Communities, pages 100–103
<b>103-3</b> Evaluation of the management approach	Communities, pages 100–103
<b>203-1</b> Infrastructure investments and services supported	Business model, pages 12–13 Communities, pages 100–103
<b>203-2</b> Significant indirect economic impacts	Business model, pages 12–13 Communities, pages 100–103
<b>204 PROCUREMENT PRACTICES</b>	
<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Business review, page 75
<b>103-3</b> Evaluation of the management approach	Business review, page 75
<b>204-1</b> Proportion of spending on local suppliers	In 2019, the Company attracted more than 10 thousand suppliers: 6,816 in the coal segment, 3,235 in the energy segment. 99% of organisations are located in the Russian Federation. See also our Sustainable Development Report for 2018–2019 on the website: <a href="http://www.suek.com/investors/reporting/#year_19">http://www.suek.com/investors/reporting/#year_19</a>
<b>205 ANTI-CORRUPTION</b>	
<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Compliance management system, page 116
<b>103-3</b> Evaluation of the management approach	Compliance management system, page 116
<b>205-1</b> Operations assessed for risks related to corruption	SUEK has a corporate risk management system that covers all divisions and businesses of the company. Risk assessment is carried out on a regular basis. Risk management, pages 34–43
<b>205-2</b> Communication and training about anti-corruption policies and procedures	Compliance management system, page 116
<b>205-3</b> Confirmed incidents of corruption and actions taken	During the reporting period, no cases of corruption were detected.
<b>206 ANTI-COMPETITIVE BEHAVIOR</b>	
<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Compliance management system, page 116
<b>103-3</b> Evaluation of the management approach	Compliance management system, page 116
<b>206-1</b> Legal actions for anti-competitive behavior, anti-trust, and monopoly practices	In 2019 the antimonopoly authorities did not apply any legal actions against SUEK regarding violation of the antimonopoly legislation.

**GRI Standards Indicator and General standard disclosures**      **SUEK's response in 2019**

**207 TAX**

<b>103-1</b> Explanation of the material topic and its Boundary	Risk management, pages 34–43
<b>103-2</b> The management approach and its components	SUEK has internal compliance tax policy.
<b>207-1</b> Approach to tax	SUEK has internal compliance tax policy.
<b>207-2</b> Tax governance, control, and risk management	Risk management, pages 34–43
<b>207-4</b> Country-by-country reporting	Financial Statements, pages 122–157

**ENVIROMENTAL**

**301 MATERIALS**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Strategy, page 32 Environment, page 94
<b>103-3</b> Evaluation of the management approach	Strategy, page 32 Environment, page 94
<b>301-1</b> Materials used by weight or volume	Environment, pages 92–94
<b>301-2</b> Recycled input materials used	Environment, pages 92–94
<b>301-3</b> Reclaimed products and their packaging materials	Strategy, page 32 Environment, page 94

**302 ENERGY**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Strategy, page 26 Environment, page 92
<b>103-3</b> Evaluation of the management approach	Strategy, page 26 Environment, page 92
<b>302-1</b> Energy consumption within the organisation	Strategy, page 26 Environment, page 92
<b>302-2</b> Energy consumption outside of the organisation	Accounting is not conducted due to the lack of legislative requirements.
<b>302-3</b> Energy intensity	Environment, page 92
<b>302-4</b> Reduction of energy consumption	Strategy, page 26 Environment, page 92
<b>302-5</b> Reductions in energy requirements of products and services	Not applicable to company's products.

**303 WATER AND EFFLUENTS**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Strategy, page 32 Environment, pages 87, 93
<b>103-3</b> Evaluation of the management approach	Strategy, page 32 Environment, pages 87, 93
<b>303-1</b> Interactions with water as a shared resource	Strategy, page 32 Environment, page 93

**GRI Standards Indicator and General standard disclosures**
**SUEK's response in 2019**
**303-2** Management of water discharge-related impacts

Environment, page 93

**303-3** Water withdrawal

The company does not use water from vulnerable or state protected sources, or from those of particular importance to local communities or for biodiversity. As the water withdrawn is used to cool the turbines and does not contact the contaminated circuit, the activities of SUEK do not affect the water balance in water bodies. We also use modern treatment facilities to ensure we do not influence water quality.

Environment, page 93

	2015	2016	2017	2018	2019
<b>Coal</b>					
groundwater				Not applicable	16.0
Total volume of water withdrawn from sources, including underground reservoirs, surface reservoirs and wastewater from other companies, million m <sup>3</sup>	120.1	137.2	135.8	154.8	146.6
surface water					
third-party water					Not applicable
Transferred to other consumers (without usage), million m <sup>3</sup>	106.6	121.9	122.6	138.3	132.0
<b>Energy</b>					
groundwater	–	–	12.6	12.4	16.0
Total volume of water withdrawn from sources, including underground reservoirs, surface reservoirs and wastewater from other companies, million m <sup>3</sup>	–	–	2,460.4	2,231.4	2,119.8
surface water	–	–	2,209.1	2,009.6	1,860.1
third-party water	–	–	238,764.1	209,462.8	243,686.5
Transferred to other consumers (without usage), million m <sup>3</sup>	–	–	227.8	202.4	238.0

**303-4** Water discharge

Environment, page 93

	2015	2016	2017	2018	2019
<b>Coal</b>					
Wastewater discharged, million m <sup>3</sup>	106.2	123.0	121.3	145.6	135.8
including contaminated without cleaning	42.5	43.5	34.2	29.2	25.9
insufficiently cleaned	50.2	63.2	70.8	70.4	59.0
regulatory clean	3.8	3.9	3.8	5.9	0
cleaned	0.7	2.8	3.3	26.1	40.0
transferred to other consumers (after use)	1.2	1.2	1.2	1.1	1.05
<b>Energy</b>					
Wastewater discharged, million m <sup>3</sup>	–	–	2,083.2	1,850.5	1,914.3
including contaminated without cleaning	–	–	11.7	2.5	2.5
insufficiently cleaned	–	–	53.1	27.9	34.4
regulatory clean	–	–	1,826.2	1,805.5	1,862.2
cleaned	–	–	186.9	10.7	8.4
transferred to other consumers (after use)	–	–	5.3	3.9	12.1

**303-5** Water consumption

Environment, page 93

304 BIODIVERSITY	
<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Environment, pages 87, 94
<b>103-3</b> Evaluation of the management approach	Environment, pages 87–88
<b>304-1</b> Operational sites owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside protected areas	On the sites of production assets, as well as adjacent territories, there are no specially protected natural territories of federal and regional significance. Rare, endangered species of animals, plants and fungi have not been identified.
<b>304-2</b> Significant impacts of activities, products, and services on biodiversity	
<b>304-3</b> Habitats protected or restored	Environment, page 94
<b>304-4</b> IUCN Red List species and national conservation list species with habitats in areas affected by operations	At SUEK's production assets, as well as adjacent areas, rare, endangered species of animals, plants and fungi have not been identified. Environment, page 94

	2015	2016	2017	2018	2019
<b>Coal</b>					
Lands disturbed, ha					
at the beginning of year	17,522	18,112	18,667	19,645	20,427
at the end of year	18,112	18,622	19,261	22,246	21,430
Disturbed during the year, ha	805.0	907	938	2,813	1,742
Recultivated during the year, ha	215.0	397	385	212	552
<b>Energy</b>					
Lands disturbed, ha					
at the beginning of year	–	–	2,668	2,568	2,525
at the end of year	–	–	2,564	2,556	2,525
Disturbed during the year, ha	–	–	0	0	0
Recultivated during the year, ha	–	–	104	12	0

305 EMISSIONS	
<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Environment, pages 88–91
<b>103-3</b> Evaluation of the management approach	Environment, pages 87–88
<b>305-1 Direct (Scope 1)</b> GHG emissions	Environment, pages 88–91

  

	2015	2016	2017	2018	2019
<b>Coal</b>					
Gross emissions, thousand tonnes of CO <sub>2</sub> -equivalent	3,669	3,793	4 868	5,563	5,149
<b>Energy</b>					
Gross emissions, thousand tonnes of CO <sub>2</sub> -equivalent	–	–	58,846	56,951	55,409

  

<b>305-2 Energy indirect (Scope 2)</b> GHG emissions	There are no mandatory legislative requirements for the regular preparation of these indicators and transfer to the authorized state bodies of information on it.
<b>305-3 Other indirect (Scope 3)</b> GHG emissions	There are no mandatory legislative requirements for the regular preparation of these indicators and transfer to the authorized state bodies of information on it.
<b>305-4</b> GHG emissions intensity	Environment, pages 88–91
<b>305-5</b> Reduction of GHG emissions	Environment, pages 88–91
<b>305-7</b> Nitrogen oxides (NO <sub>x</sub> ), sulfur oxides (SO <sub>x</sub> ), and other significant air emissions	Environment, pages 88–91

	2015	2016	2017	2018	2019
<b>Coal</b>					
Emissions, thousand tonnes:					
Solid substance	7.7	8.5	5.9	8.1	8.5
SO <sub>2</sub>	1.6	1.6	1.7	1.9	2.0
CO	7.6	7.5	7.5	9.0	8.9
NO <sub>x</sub>	4.6	4.0	3.8	5.1	6.9
Volatile organic compounds	1.4	1.4	1.9	2.1	2.4
<b>Energy</b>					
Emissions, thousand tonnes:					
Solid substance	–	–	84.5	82.1	79.3
SO <sub>2</sub>	–	–	158.4	150.7	146.9
CO	–	–	17.9	15.5	15.7
NO <sub>x</sub>	–	–	114.2	107.7	106.5
Volatile organic compounds	–	–	0.19	0.18	1.58

### 306 EFFLUENTS AND WASTE

**103-1** Explanation of the material topic and its Boundary

Materiality, pages 44–47

**103-2** The management approach and its components

Environment, pages 92–99

**103-3** Evaluation of the management approach

Environment, pages 87–88  
Strategy, page 32

**306-1** Water discharge by quality and destination

Environment, page 93

**306-2** Waste by type and disposal method

SUEK does not transport, import, export or process waste that is hazardous in accordance with Annexes I, II, III and VIII to the Basel Convention.

	2015	2016	2017	2018	2019
<b>Coal</b>					
<b>Waste generation, thousand tonnes</b>	<b>457,626.1</b>	<b>480,465.4</b>	<b>491,154.3</b>	<b>592 350,0</b>	<b>649 230,7</b>
Including I class hazard	0.005	0.005	0.006	0	0
II class hazard	0.038	0.024	0.023	0	0
III class hazard	1.8	1.3	1.7	2,3	3,4
IV class hazard	7.2	7.9	7.6	10,5	13,0
V class hazard	457,617.0	480,456.2	491,145.0	592 337,0	649 214,2
<b>Collection of waste from other organisations, thousand tonnes</b>	<b>5,454.8</b>	<b>4,836.5</b>	<b>4,856.1</b>	<b>4,170.5</b>	<b>4,163.1</b>
<b>Use of waste, thousand tonnes</b>	<b>341,747.2</b>	<b>391,712.6</b>	<b>387,477.6</b>	<b>431 314,0</b>	<b>437 407,8</b>
Including I class hazard	0	0	0	0	0
II class hazard	0.023	0.013	0.011	0,041	0,025
III class hazard	1.4	0.9	0.9	1,4	2,0
IV class hazard	2.0	1.4	2.7	2,5	4,9
V class hazard	337,894.1	391,710.4	387,474.1	431 310,0	437 401,5
<b>Neutralisation, thousand tonnes</b>	<b>0.8</b>	<b>1.0</b>	<b>0.7</b>	<b>10,2</b>	<b>0,7</b>
Including I class hazard	0.005	0.0046	0.005	0	0
II class hazard	0.011	0.0192	0.003	0	0
III class hazard	0.4	0.4	0.5	0,9	1,2
IV class hazard	0.2	0.6	0.2	3,7	2,2
V class hazard	0.010	0.0064	0.003	5,6	5,8
<b>Available waste at the year-end, thousand tonnes</b>	<b>999,365.75</b>	<b>1,169,865.4</b>	<b>1,107,011.7</b>	<b>1 258 264,0</b>	<b>1 130 840,4</b>
Including I class hazard	0.0002	0.0005	0	0,0004	0
II class hazard	0.010	0.001109	0.005	0,005	0,009
III class hazard	0.1	0.2	0.4	0,3	0,3
IV class hazard	2.8	3.1	0.7	1,4	1,6
V class hazard	999,362.78	1,169,862.1	1,107,010.6	1 258 262,3	1 130 838,5
	2015	2016	2017	2018	2019



<b>Energy</b>					
Waste generation, thousand tonnes	-	-	3,580.41	3,259.28	3,063.60
Including I class hazard	-	-	0.02	0.02	0.07
II class hazard	-	-	0	0.01	0
III class hazard	-	-	0.54	0.59	0.55
IV class hazard	-	-	21.80	21.05	14.26
V class hazard	-	-	3,558.05	3,237.60	3,048.71
Collection of waste from other organisations, thousand tonnes	-	-	0.03	0.07	0
Use of waste, thousand tonnes	-	-	342.66	607.61	1,026.66
Including I class hazard	-	-	0	0	0
II class hazard	-	-	0.01	0.01	0
III class hazard	-	-	0.32	4.75	0.30
IV class hazard	-	-	1.37	39.72	0.30
V class hazard	-	-	340.96	563.13	1,026.44
Neutralisation, thousand tonnes	-	-	512.98	90.09	228.66
Including I class hazard	-	-	0.01	0.02	0.03
II class hazard	-	-	0	0	0
III class hazard	-	-	0.25	0.13	0.24
IV class hazard	-	-	19.68	20.28	9.59
V class hazard	-	-	493.03	69.66	218.91
Available waste at the year-end, thousand tonnes	-	-	127,502.46	126,461.42	133,555.68
Including I class hazard	-	-	0	0	0
II class hazard	-	-	0	0	0
III class hazard	-	-	0.03	0.14	0.09
IV class hazard	-	-	4,318.18	23.19	25.66
V class hazard	-	-	123,184.25	126,526.74	133,529.93

**306-4** Transport of hazardous waste      The Company does not transport, import, export or process waste that is hazardous under Annexes I, II, III and VIII to the Basel Convention.

**306-5** Water bodies affected by water discharges and/or runoff      The company does not significantly affect water bodies and associated habitats.

**307 ENVIRONMENTAL COMPLIANCE**

**103-1** Explanation of the material topic and its Boundary      Materiality, pages 44–47

**103-2** The management approach and its components      Environment, pages 86–87

Environment, pages 87–88

**103-3** Evaluation of the management approach      Compliance management system, page 116

**307-1** Non-compliance with environmental laws and regulations

	2015	2016	2017	2018	2019
<b>Coal</b>					
Charges for violation of environmental legislation. including the elimination of damages. \$ thousand	26.9	32.5	36.3	14.0	11.2
<b>Energy</b>					
Charges for violation of environmental legislation. including the elimination of damages. \$ thousand	-	-	17.4	2.0	8.5

**308 SUPPLIER ENVIRONMENTAL ASSESSMENT**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Environment, page 88
<b>103-3</b> Evaluation of the management approach	Environment, pages 87–88
<b>308-1</b> New suppliers that were screened using environmental criteria	Environment, page 88
<b>308-2</b> Negative environmental impacts in the supply chain and actions taken	No negative environmental impact was identified in the SUEK supply chain.

**SOCIAL****401 EMPLOYMENT**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Strategy, page 33 Our approach to sustainability, pages 78–79 Our people and corporate culture, pages 100–105
<b>103-3</b> Evaluation of the management approach	Strategy, page 33 Our people and corporate culture, pages 100–105
<b>401-1</b> New employee hires and employee turnover	Strategy, page 33 Our people and corporate culture, page 97
<b>401-2</b> Benefits provided to full-time employees that are not provided to temporary or part-time employees	Our people and corporate culture, page 98 See also our Sustainable Development Report for 2018–2019 on the website: <a href="http://www.suek.com/investors/reporting/#year_19">http://www.suek.com/investors/reporting/#year_19</a>

**402 LABOUR / MANAGEMENT RELATIONS**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Our people and corporate culture, pages 100–105 Stakeholder engagement, page 49
<b>103-3</b> Evaluation of the management approach	Our people and corporate culture, page 99 The company follows the Labour Code of the Russian Federation, which defines the minimum notice period regarding significant changes in the activities of the company (no later than two months before the start of the relevant activities, and in the case of a decision to reduce the number of workers or staff, that may lead to mass layoffs – no later than three months before the start of the relevant activities).
<b>402-1</b> Minimum notice periods regarding operational changes	

**403 OCCUPATIONAL HEALTH AND SAFETY**

<b>103-1</b> Explanation of the material topic and its Boundary	Materiality, pages 44–47
<b>103-2</b> The management approach and its components	Strategy, page 30 Our approach to sustainability, pages 78–79 Health & safety, pages 80–85 Our people and corporate culture, pages 100–105
<b>103-3</b> Evaluation of the management approach	Strategy, page 30 Health & safety, pages 80–85
<b>403-1</b> Occupational health and safety management system	Health & safety, page 81
<b>403-2</b> Hazard identification, risk assessment, and incident investigation	Health & safety, pages 80–85
<b>403-3</b> Occupational health services	Health & safety, pages 81–84
<b>403-4</b> Worker participation, consultation, and communication on occupational health and safety	Stakeholder engagement, pages 48–49 Our people and corporate culture, pages 100–105
<b>403-5</b> Worker training on occupational health and safety	Health & safety, page 85 Our people and corporate culture, page 98
<b>403-6</b> Promotion of worker health	Our people and corporate culture, page 98 Health & safety, page 85 See also our Sustainable Development Report for 2018–2019 on the website: <a href="http://www.suek.com/investors/reporting/#year_19">http://www.suek.com/investors/reporting/#year_19</a>
<b>403-7</b> Prevention and mitigation of occupational health and safety impacts directly linked by business relationships	Health & safety, pages 80–85
<b>403-8</b> Workers covered by an occupational health and safety management system	Work of all our employees is covered by our health & safety system.
<b>403-9</b> Work-related injuries	Health & safety, pages 80–85 Causes of fatal accidents and measures taken are described in the table:

Work performed	Causes	Our measures
<b>Coal</b>		
Cutter loader operator while cutting loader operation in the mine	<ul style="list-style-type: none"> <li>• Unauthorised presence in the hazardous area near the moving parts of a mine scraper conveyor</li> </ul>	<ul style="list-style-type: none"> <li>• Assessing the condition of the mine transport facilities at all mine working faces to verify the necessary protection systems and interlocks are in place and working effectively</li> </ul>
Coal sizing operator while servicing a feeding bin belt conveyor at the surface coal sizing unit	<ul style="list-style-type: none"> <li>• Violating the Labour Safety Instructions: unauthorised presence in the hazardous area next to moving and rotating parts of a sizing unit</li> <li>• The absence of interlocked fences that prevent access to the moving and rotating parts of the feeding bin belt conveyor</li> </ul>	<ul style="list-style-type: none"> <li>• Checking compliance with industrial safety requirements and ensuring the protection systems and interlocks at surface facilities at the coal washing plants and coal-sizing facilities are working properly</li> <li>• Installing safety guards to prevent access to moving parts of the belt conveyor, interlocked with the equipment to prevent start-up</li> </ul>
Underground worker while belting conveyor maintenance and repair	<ul style="list-style-type: none"> <li>• Malfunctioning protection, interlock and alarm systems, the absence of fences</li> <li>• Unauthorised presence in the hazardous area of a non-interlocked belt conveyor</li> </ul>	<ul style="list-style-type: none"> <li>• A targeted inspection to check the condition of belt conveyors, as well as the availability, condition and performance of alarm systems, electrical and mechanical protection tools and interlocks at all of SUEK's units. For the period of the targeted inspection, the operation of all belt conveyors was suspended</li> </ul>
Assistant section supervisor while monitoring the operation of loaders and dump trucks in the open-pit mine	<ul style="list-style-type: none"> <li>• Unauthorised presence in the hazardous area of a BelAZ dump truck</li> <li>• No audible signal on the dump truck when it started moving</li> </ul>	<ul style="list-style-type: none"> <li>• Targeted inspection to ensure the availability, condition and performance of the standard sound alarm systems and additional sound alarm systems when disabling the parking brake and moving mining vehicles</li> <li>• Installing equipment to pilot test SUEK's own technical solutions to ensure timely audible alerts are given to both drivers and employees present in the hazardous area, as well as using smart bands to monitor the location of employees</li> </ul>
<b>Energy</b>		
Fuel supply operator while servicing a fuel supply belt conveyor	<ul style="list-style-type: none"> <li>• Violating safety requirements: being present in the hazardous area of an operating conveyer</li> </ul>	<ul style="list-style-type: none"> <li>• Equipping conveyor belts with interlock and alarm systems</li> <li>• Installing video surveillance cameras in hazardous areas of the fuel supply line</li> </ul>
Process pipeline fitter when installing work at height	<ul style="list-style-type: none"> <li>• Not wearing fall arrest personal protective equipment</li> </ul>	<ul style="list-style-type: none"> <li>• Verifying the condition of all safety decks, platforms and safety systems to ensure safe work at height</li> </ul>
Electrical fitter repairing power plant equipment while working in high-voltage electrical installations	<ul style="list-style-type: none"> <li>• Poor control of work safety during electrical installations</li> <li>• Working on electrical installations without switching off the electricity supply</li> </ul>	<ul style="list-style-type: none"> <li>• Checking compliance with labour safety requirements relating to electrical installations at power facilities</li> </ul>
Equipment repairman when installing and doing repair work at a height	<ul style="list-style-type: none"> <li>• Violating labour safety requirements when voluntarily leaving a safe working area where there were no risks of falling from height</li> </ul>	<ul style="list-style-type: none"> <li>• Verifying the practical skills of employees related to the use of safety platforms and fall arrest systems when working at a height</li> </ul>
<b>Overall measures</b>		
<ol style="list-style-type: none"> <li>1. Alerting SUEK's production personnel to the causes of the accidents and developing plans to address them in working groups; posting information sheets on HSE stands</li> <li>2. Briefings for SUEK's dedicated safety staff on specific methods of preventing different kinds of accidents</li> <li>3. Labour safety training and testing employees' understanding of how to operate safely, in specific the scenarios where the accidents have occurred</li> <li>4. Updating the test questions in training terminals to reflect findings following the accidents</li> <li>5. Making videos that reflect issues raised during investigations into the causes of the accidents, demonstrating safety measures should be applied in similar situations</li> <li>6. Exceptional industrial safety certification for engineers and technical workers and heads of units where the accidents have taken place</li> <li>7. Updating internal documents that regulate safe working methods and techniques to ensure these include actions to eliminate the causes of the accidents</li> <li>8. Considering the circumstances and causes of any accident, ensuring comprehensive measures have been taken to prevent similar occurrences and individuals are held personally accountable by SUEK's Industrial Safety Committee overseen by the Management Board</li> </ol>		