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<b>1.1 Header File</b>	
File Name	header.csv
Format Type	CSV format (Pipe Delimited)
Description	Header file contains latest ESG data of all available companies with zip file name and update date.

#### Specification

<b>No.</b>	<b>Field Name</b>	<b>Type</b>	<b>Description</b>
1	Symbol	String	Security symbol
2	Company ID	Number	Orderbook ID of trading system
3	Fiscal	Number	Data year of One Report in YYYY format
4	Language	String	Language of One Report <ul style="list-style-type: none"> <li>- TH = Thai</li> <li>- EN = English</li> <li>- BOTH = Both Thai &amp; English</li> </ul>
5	File Name	String	Zip file name of each company
6	Update Date	String	Update date in YYYY-MM-DD format
7	Type	String	Type of One Report <ul style="list-style-type: none"> <li>- '0' = Normal case</li> <li>- '1' = Change business case</li> </ul>

1.2 Sustainability	
File Name	<Symbol>_SUSTAINABILITY_<asOfYear>_<language>_JSON.json
Format Type	JSON format

### Specification

No.	Structure	Properties	Type	Description
1	sustainability.sustainabilityPolicyAndGoal sustainability.environmentalSustainabilityMgmt sustainability.socialSustainabilityMgmt	policy	String	Policy and Standards (Sustainability management policy and targets / Environmental policy and standards / Policy and standard for social dimension) - Y = Yes - N = No
2		policyUrl	String	URL of Policy
3	sustainability.environmentalPerformance	fuel	String	Fuel consumption - Y = Yes - N = No information
4		electric	String	Electricity consumption - Y = Yes - N = No information
5		water	String	Water consumption - Y = Yes - N = No information
6		waste	String	The amount of waste management - Y = Yes - N = No information
7		ghGas	String	The amount of greenhouse gas emissions - Y = Yes - N = No information
8		verifyDeptOfGhGas	String	Verification of greenhouse gas emissions - Y = Yes - N = No information
9		verifyDeptOfGhGasLabel	String	Name of the Greenhouse Gas Reporting Inspectorate
10		fuelSummary	Array	#fuelSummary
11		electricSummary	Array	#electricSummary
12		waterSummary	Array	#waterSummary
13		wasteSummary	Array	#wasteSummary
14		greenHouseGasSummary	Array	#greenHouseGasSummary
15	#fuelSummary	asOfYear	Number	Amount of consumption / emission (of a report year)
16	#electricSummary	asOfYesteryear	Number	Amount of consumption / emission (of a year before report year)

17	#waterSummary	asOfYearBeforeYesteryear	Number	Amount of consumption / emission (of 2 years before report year)
18	#wasteSummary #greenHouseGasSummary	choice	String	Consumption / Emission information - Y = Yes - N = No information
19		code	Number	Code of environmental performance
20		description	String	Description of environmental performance
21		sequence	Number	
22	sustainability.socialPerformance	employeeTraining	String	Employee development and training - Y = Yes - N = No information
23		employeeSafety	String	Health, Safety and Work Environment - Y = Yes - N = No information
24		employeeRelationship	String	Employee retention - Y = Yes - N = No information
25		csr	String	CSR - Y = Yes - N = No information
26		employeeInfo	Array	#employeeInfo
27		employeeRemunerationInfo	Array	#employeeRemunerationInfo
28		employeeTrainingInfo	Array	#employeeTrainingInfo
29		employeeSafetyInfo	Array	#employeeSafetyInfo
30		employeeRelationshipInfo	Array	#employeeRelationshipInfo
31		csrActivities	Array	#csrActivities
32	#employeeInfo	asOfYear	Number	Amount of employee information (of a report year)
33	#employeeRemunerationInfo	asOfYesteryear	Number	Amount of employee information (of a year before report year)
34		asOfYearBeforeYesteryear	Number	Amount of employee information (of 2 years before report year)
35		code	Number	Code of employee information
36		description	String	Description of employee information
37		sequence	Integer	
38	#employeeTrainingInfo	asOfYear	Number	Amount of employee information (of a report year)
39	#employeeSafetyInfo	asOfYesteryear	Number	Amount of employee information (of a year before report year)
40	#employeeRelationshipInfo	asOfYearBeforeYesteryear	Number	Amount of employee information (of 2 years before report year)
41		choice	String	Consumption / Emission information - Y = Yes - N = No information
42		code	Number	Code of employee information
43		description	String	Description of employee information
44		sequence	Integer	
45	#csrActivities	code	Number	Code of CSR activities
46		description	String	Description of CSR activities
47		sequence	Number	

		policy	String	Policy and Standards (Sustainability management policy and targets / Environmental policy and dtandards / Policy and dtandard for docial dimension) - Y = Yes - N = No
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1.3 Corporate Governance Policy	
File Name	<Symbol>_CORPORATEGOVERNANCEPOLICY_<asOfYear>_<language>_JSON.json
Format Type	JSON format

#### Specification

No.	Structure	Properties	Type	Description
1	corporateGovernancePolicy	url	String	URL of corporate governance policy
2	corporateGovernancePolicy.directorPolicy	nomination	String	Nomination of Directors - Y = Yes - N = No
3		compensation	String	Compensation - Y = Yes - N = No
4		independent	String	The Independent of the Board of Directors - Y = Yes - N = No
5		development	String	Development of Directors - Y = Yes - N = No
6		performance	String	Board Performance Evaluation - Y = Yes - N = No
7		subsidiariesCg	String	Corporate Governance of Subsidiaries and Associated - Y = Yes - N = No
8		corporateGovernancePolicy.codeOfConduct	codeOfConduct	String
9	insideInfo		String	Protecting Usage of Inside Information - Y = Yes - N = No
10	conflictsOfInterest		String	Prevention of Conflicts of Interest - Y = Yes - N = No
11	antiCorruption		String	Anti-corruption - Y = Yes - N = No

12		whistleBlowing	String	Whistleblowing - Y = Yes - N = No
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1.4 Corporate Governance Structure	
File Name	<Symbol>_CORPORATEGOVERNANCESTRUCTURE_<asOfYear>_<language>_JSON.json
Format Type	JSON format

#### Specification

No.	Structure	Properties	Type	Description
1	corporateGovernanceStructure. boardComposition	total	Number	Total number of directors
2		totalMale	Number	Number of male directors
3		totalFemale	Number	Number of female directors
4		totalIndependent	Number	Number of independent directors
5		totalExecutive	Number	Number of executive directors
6		totalNonExecutive	Number	Number of non-executive directors
7	corporateGovernanceStructure. bodInfo	bods	Array	#bods
8		retiredBods	Array	#retiredBods
9		independentChairman	String	The Chairman is an independent director - Y = Yes - N = No
10		samePerson	String	The Chairman and the Managing Director are the same person - Y = Yes - N = No
11		sameFamily	String	The Chairman and Managing Director are person from the same family - Y = Yes - N = No
12		independentDetermineAgenda	String	The company appoints at least one independent director to determine the agenda of the Board of Directors' meetings - Y = Yes - N = No
13	#bods #retiredBods	id	Number	Board ID
14		titleCode	Number	Code of title
15		titleDescription	String	Description of title
16		otherTitle	String	
17		firstName	String	
18		lastName	String	
19		gender	String	Gender - M = Male - F = Female
20		yearOfBirth	Number	
21		maxEducateLevel.code	Number	Code of education level



22	maxEducateLevel.description	String	Description of education level
23	maxEducateDepartment.code	Number	Code of faculty of education
24	maxEducateDepartment.description	String	Description of faculty of education
25	otherMaxEducateDept	String	Description of faculty of education (in case maxEducateDepartment.description = Other)
26	thaiNationality	String	Nationality - Y = Thai - N = Other
27	thaiResidence	String	Residence - Y = Resident in Thailand - N = Resident in other countries
28	position.code	Number	Code of board of director position
29	position.description	String	Description of board of director position
30	boardStatus.code	Number	Code of board of director status
31	boardStatus.description	String	Description of board of director status
32	independent	String	Independent status - Y = Independent board of director - N = Non-Independent board of director
33	startDate	String	Date in YYYY-MM-DD format
34	sequence	Number	
35	experienceExpertise	Array	#experienceExpertise
36	directorType.code	Number	Code of director type
37	directorType.description	String	Description of director type
38	training	String	Development Training - Y = Participate - N = Not Participate
39	totalBoardMeetingAttendance	Number	Number of Board meeting attendance (times)
40	totalBoardMeeting	Number	Total number of Board meetings (times)
41	agmMeeting	String	Attendance of Annual General Meeting (AGM) - Y = Attended - N = Not Attended
42	totalEgmMeetingAttendance	Number	Number of Extra General meeting attendance (times)
43	totalEgmMeeting	Number	Total number of Extra General meetings (times)
44	salary	Number	Salary (Baht)
45	bonus	Number	Bonus (Baht)
46	meetingAllowance	Number	Meeting allowance (Baht)
47	otherRemuneration	Number	Other remuneration (Baht)
48	totalRemuneration	Number	Total remuneration (Baht)
49	esop	String	ESOP Remuneration - Y = Yes - N = No ESOP remuneration

50		ejip	String	EJIP Remuneration - Y = Yes - N = No EJIP remuneration
51		dandO	String	Directors and Officers Liability Insurance (D&O) - Y = Yes - N = No D&O remuneration
52		endDate	String	- Date in YYYY-MM-DD format - Applicable for #retiredBods only
53		represent.id	Number	- Board ID - Applicable for #retiredBods only
54		represent.titleCode	Number	- Code of title - Applicable for #retiredBods only
55		represent.titleDescription	String	- Description of title - Applicable for #retiredBods only
56		represent.otherTitle	String	Applicable for #retiredBods only
57		represent.firstName	String	Applicable for #retiredBods only
58		represent.lastName	String	Applicable for #retiredBods only
59		represent.representDate	String	- Date in YYYY-MM-DD format - Applicable for #retiredBods only
60	#experienceExpertise	code	Number	Code of expertise
61		description	String	Description of expertise
62		sequence	Number	
63	corporateGovernanceStructure.s	auditCommittees	Array	#auditCommittees
64	ubCommitteesInfo	retiredAuditCommittees	Array	#retiredAuditCommittees
65	#auditCommittees	id	Number	Board ID
66	#retiredAuditCommittees	titleCode	Number	Code of title
67		titleDescription	String	Description of title
68		otherTitle	String	
69		firstName	String	
70		lastName	String	
71		gender	String	Gender - M = Mail - F = Femail
72		yearOfBirth	Integer	
73		maxEducateLevel.code	Integer	Code of education level
74		maxEducateLevel.description	String	Description of education level
75		maxEducateDepartment.code	Integer	Code of faculty of education
76		maxEducateDepartment.description	String	Description of faculty of education
77		otherMaxEducateDept	String	
78		thaiNationality	String	Nationality - Y = Thai - N = Other

79		thaiResidence	String	Residence - Y = Resident in Thailand - N = Resident in other countries
80		position.code	Number	Code of board of director position
81		position.description	String	Description of board of director position
82		boardStatus.code	Number	Code of board of director status
83		boardStatus.description	String	Description of board of director status
84		independent	String	Independent status - Y = Independent board of director - N = Non-Independent board of director
85		startDate	String	Date in YYYY-MM-DD format
86		sequence	Number	
87		experienceExpertise	Array	#experienceExpertise
88		directorType.code	Number	Code of director type
89		directorType.description	String	Description of director type
90		reviewRole		Audit Committee has expertise in accounting - Y = Yes - N = No
91		totalMeetingAttendance	Number	Number of Audit committee meetings (times)
92		totalMeeting	Number	Total number of Audit committee meetings (times)
93		endDate	String	- Date in YYYY-MM-DD format - Applicable for #retiredAuditCommittees only
94		represent.id	Number	- Board ID - Applicable for #retiredAuditCommittees only
95		represent.titleCode	Number	- Code of title - Applicable for #retiredAuditCommittees only
96		represent.titleDescription	String	- Description of title - Applicable for #retiredAuditCommittees only
97		represent.firstName	String	Applicable for #retiredAuditCommittees only
98		represent.lastName	String	Applicable for #retiredAuditCommittees only
99		represent.representDate	String	- Date in YYYY-MM-DD format - Applicable for #retiredAuditCommittees only
100	#experienceExpertise	code	Number	Code of expertise
101		description	String	Description of expertise
102		sequence	Number	
103	corporateGovernanceStructure.subCommitteesInfo.otherSubCommittees	otherSubCommitteesInfo	Array	#otherSubCommitteesInfo
104		subCommitteeRoles.riskManagement	String	Sub-committee for Risk Management - Y = Yes - N = No
105		subCommitteeRoles.riskManagementSubCommitteeId	Number	Sub-committees ID for Risk Management

106		subCommitteeRoles.nomination	String	Sub-committees for Nomination - Y = Yes - N = No
107		subCommitteeRoles.nominationSubCommitteeId	Number	Sub-committees ID for Nomination
108		subCommitteeRoles.remuneration	String	Sub-committees for Remuneration - Y = Yes - N = No
109		subCommitteeRoles.remunerationSubCommitteeId	Number	Sub-committees ID for Remuneration
110		subCommitteeRoles.nominationRemuneration	String	Sub-committees for Corporate Governance - Y = Yes - N = No
111		subCommitteeRoles.nominationRemunerationSubCommitteeId	Number	Sub-committees ID for Corporate Governance
112		subCommitteeRoles.sustainability	String	Sub-committees for Corporate Sustainability Development - Y = Yes - N = No
113		subCommitteeRoles.sustainabilitySubCommitteeId	Number	Sub-committees ID for Corporate Sustainability Development
114	#otherSubCommitteesInfo	subCommitteeId	Number	Sub-Committee ID
115		subCommitteeName	String	
116		subCommittees	Array	#subCommittees
117	#subCommittees	id	Number	Board ID
118		titleCode	Number	Code of title
119		titleDescription	String	Description of title
120		otherTitle	String	
121		firstName	String	
122		lastName	String	
123		position.code	Number	Code of board of director position
124		position.description	String	Description of board of director position
125	corporateGovernanceStructure.managementInfo	executives	Array	#executives
126		remuneration.remunerationPolicy	String	Policy and criteria for executives' remuneration - Y = Yes - N = No
127		remuneration.asOfYear	Number	Amount of remuneration in Baht (of a report year)
128		remuneration.asOfYesteryear	Number	Amount of remuneration in Baht (of a year before report year)
129		remuneration.asOfYearBeforeYesteryear	Number	Amount of remuneration in Baht (of 2 years before report year)
130		remuneration.ejip	String	Employee Joint Investment Program (EJIP) - Y = Yes - N = No

131		remuneration.esop	String	Employee Stock Option Program (ESOP) - Y = Yes - N = No
132	#executives	id	Number	Executive ID
133		titleCode	Number	Code of title
134		titleDescription	String	Description of title
135		otherTitle	String	
136		firstName	String	
137		lastName	String	
138		gender	String	Gender - M = Mail - F = Femail
139		yearOfBirth	Number	
140		maxEducateLevel.code	Number	Code of education level
141		maxEducateLevel.description	String	Description of education level
142		maxEducateDepartment.code	Number	Code of faculty of education
143		maxEducateDepartment.description	String	Description of faculty of education
144		otherMaxEducateDept	String	
145		position	String	
146		startDate	String	Date in YYYY-MM-DD format
147		experienceExpertise	Array	#experienceExpertise
148		highestAccountFinance	String	Highest responsibility in accounting and finance - Y = Yes - N = No
149	directlyAccount	String	Directly responsible for the supervision of the account - Y = Yes - N = No	
150	#experienceExpertise	code	Number	Code of expertise
151		description	String	Description of expertise
152		sequence	Number	
153	corporateGovernanceStructure. employeesInfo	totalMale	Number	Number of male employees (people)
154		totalFemale	Number	Number of female employees (people)
155		total	Number	Total Employees (people)
156		totalRemuneration	Number	Total Remuneration of employees (baht)
157		providentFund	String	Provide a provident fund for employees of the company - Y = Yes - N = No
158		numberOfPvd	Number	Number of employees attending PVD (people)
159	percentPvd	Number	Proportion of employees participating in PVD (%)	
160	corporateGovernanceStructure.s upervisorInfo	accountant	String	Supervisor for accountant - Y = Yes - N = No

161		secretary	String	Supervisor for secretary - Y = Yes - N = No
162		internalAudit	String	Supervisor for internalAudit - Y = Yes - N = No
163		compliance	String	Supervisor for compliance - Y = Yes - N = No
164		investorRelation	String	Supervisor for investorRelation - Y = Yes - N = No
165		accountants	Array	#accountants
166		secretaries	Array	#secretaries
167		internalAudits	Array	#internalAudits
168		compliances	Array	#compliances
169		investorRelations	Array	#investorRelations
170	#accountants	id	Number	Supervisor ID
171	#secretaries	titleCode	Number	Code of title
172	#internalAudits	titleDescription	String	Description of title
173	#compliances	otherTitle	String	
174	#investorRelations	firstName	String	
175		lastName	String	
176		email	String	
177		telephone	String	
178		sequence	Number	
179	corporateGovernanceStructure. auditorInfo	auditorCompanies	Array	#auditorCompanies
180	#auditorCompanies	auditorCompany.code	Number	Code of auditor company
181		auditorCompany.description	String	Name of auditor company
182		auditFee	Number	Audit fee (baht)
183		nonAudit	String	Non-audit fee information - Y = Yes - N = No
184		nonAuditDetail	String	Non-audit fee detail
185		nonAuditFee	Number	Non-audit fee (baht)
186		auditors	Array	#auditors
187	#auditors	id	Number	Auditor ID
188		titleCode	Number	Code of title
189		titleDescription	String	Description of title
190		otherTitle	String	
191		firstName	String	
192		lastName	String	

193		email	String	
194		telephone	String	
195		sequence	Number	
196	corporateGovernanceStructure. directorPerformanceSummary	groupAssessment	String	Board of directors assessment as a whole - Y = Yes - N = No
197		selfAssessment	String	Individual directors self-assessment - Y = Yes - N = No
198		crossAssessment	String	Individual directors cross-assessment - Y = Yes - N = No
199		totalBoardMeeting	Number	Total Number of board meetings (times)
200		agmMeetingDate	String	Date of AGM meetings in YYYY-MM-DD
201		egmMeeting	String	EGM meetings - Y = Yes - N = No
202		totalEgmMeeting	Number	Number of EGM meetings (times)
203		totalAuditMeeting	Number	Total Number of audit committee meetings (times)