

Table 10.: ESG report topic wordclouds

 <p>(a) (1) Recognition</p>	 <p>(b) (2) Community</p>	 <p>(c) (3) Employee Welfare</p>	 <p>(d) (4) Strategy</p>
 <p>(e) (5) Climate Change</p>	 <p>(f) (6) Supply Chain</p>	 <p>(g) (7) Financial</p>	 <p>(h) (8) Energy Efficiency</p>
 <p>(i) (9) Management</p>	 <p>(j) (10) Training</p>	 <p>(k) (11) Transparency</p>	 <p>(l) (12) Management Approach</p>
 <p>(m) (13) Global Network</p>	 <p>(n) (14) Compliance</p>	 <p>(o) (15) Nutrition</p>	 <p>(p) (16) Renewable Energy</p>
 <p>(q) (17) Waste Management</p>	 <p>(r) (18) Collaboration</p>	 <p>(s) (19) Code of Conduct</p>	 <p>(t) (20) Work Culture</p>
 <p>(u) (21) Recycling</p>	 <p>(v) (22) Emission</p>	 <p>(w) (23) CSR</p>	 <p>(x) (24) Action Plan</p>
 <p>(y) (25) Governance</p>	 <p>(z) (26) Safety Standard</p>	 <p>() (27) Gender</p>	 <p>() (28) Customer Service</p>
 <p>() (29) Conservation</p>	 <p>() (30) Work Safety</p>		

Table 11.: ESG reports - 18 bigram with $K = 30$

Recognition environmental protection energy star corporate responsibility sustainability report top company sustainability index rank top sustainable company world index green power human resource list company receive award carbon disclosure employer world institute study list top major employer	Community local community employee volunteer support local volunteer hour volunteer time support community employee participate associate volunteer charitable donation community support contribute million employee community hour volunteer support employee volunteer activity charity community encourage employee local project	Employee Welfare health care healthy lifestyle assistance program health wellness mental health wellness program offer employee employee assistance million people employee family people live employee health help million live life personal health support employee health safety healthcare professional	Strategy business strategy sustainability report sustainable business corporate responsibility business practice environmental impact sustainability strategy product service business activity sustainable development ethical business operation product sustainable value core business customer value impact operation social responsibility sustainability business	Climate Change climate change environmental impact risk opportunity risk management environmental social social impact change risk management system economic environmental manage impact action future current action future plan plan manage strategy current committee responsible environmental management identify committee	Supply Chain supply chain code conduct conduct audit supplier audit supplier code sustainability audit risk assessment work supplier audit supplier supplier assessment supplier sustainability action future sustainability performance action increase audit conduct chain transparency company support increase supply material supplier
Financial net sale million euro total billion income tax tax expense community investment expense million approximately million investment project tax pay total million market million total asset total investment asset management billion spend business segment dollar million	Energy Efficiency energy efficiency energy consumption energy efficient reduce energy reduce emission fuel consumption improve energy fuel efficiency management system electric vehicle help reduce air condition lead light reduce fuel reduce water efficient light environmental impact system reduce	Management chief executive executive officer vice president president chief corporate responsibility social responsibility human resource senior vice corporate social sustainability report board director chairman board executive management executive vice responsibility report chief officer management team report executive	Training development program professional development career development development opportunity leadership development learn development provide opportunity management skill skill development offer employee train development development career focus leadership leadership management opportunity employee college graduate develop skill development business	Transparency sustainability report annual report assurance report independent assurance page independent report period information provide period information report sustainability page annual report available sustainability performance global initiative information report report financial report global global report methodology assurance	Management Approach management approach disclosure management material topic explanation material approach component topic boundary appendix page evaluation management product service standard disclosure component program program governance health safety significant change supply chain aspect boundary page evaluation material aspect
Global Network sustainable development development goal local community support sustainable project support climate change social economic community development community operate economic social economic development goal poverty community investment benefit local contribute social research development work support community project	Compliance code conduct business conduct code business apply employee law regulation conduct ethic code ethic business ethic breach code policy procedure regulatory compliance conduct outline legal regulatory outline value value apply applicable law company policy conduct business	Nutrition palm oil supply chain sustainable palm food product brand food brand product quality product sustainability report food safety food sustainability consumer product food waste own brand raw material product meet source product sustainable source consumer good	Renewable Energy renewable energy natural gas energy source energy efficiency power plant renewable source energy global global mix increase share share renewable duke energy wind power wind solar energy generation fossil fuel oil gas own renewable oil natural	Waste Management total water water discharge disposal method waste type hazardous waste type disposal withdrawal source water withdrawal total weight weight waste discharge quality quality destination total waste waste tonne water consumption product hazardous tonne product total amount	Collaboration stakeholder engagement employee engagement local community engagement survey key topic topic concern sustainability report approach stakeholder sustainability issue key stakeholder raise stakeholder concern raise community engagement key issue shareholder employee annual report employee customer global employee
Code Of Conduct code conduct global compact business conduct business principle code business principle business guide principle labor standard respect human human policy human labor ten principle compact principle principle human business practice corporate responsibility uphold human supply chain	Work Culture work environment live work diversity inclusion employee live employee engagement team member community employee community work environment employee company community healthy work local community community live contribute community inclusive culture opportunity employee provide safe safe healthy	Recycling raw material reduce waste recycle material material product waste landfill reuse recycle waste recycle recycle waste waste management reduce amount environmental impact increase recycle landfill waste reduce impact scrap metal stainless steel equipment waste focus production	Emmission greenhouse gas gas emission energy consumption scope emission carbon emission emission intensity metric ton total emission emission million emission scope million tonne emission tonne air tonne emission air tonne product total energy indirect scope electricity consumption	CSR responsibility report corporate sustainability sustainability report corporate responsibility social responsibility corporate social sustainability responsibility supply chain community people chain environment people human human supply environmental social report continue governance report social governance home plc report home	Action Plan management system environmental impact environmental management life cycle environmental protection action plan energy conservation product service reduce environmental environmental performance waste management environmental activity environmental policy environmental report minimize environmental research development standard environmental system create
Governance board director corporate governance audit committee management board member board executive management committee board chairman board corporate responsibility executive committee risk management board independent board committee governance committee board member governance structure internal audit remuneration committee	Safety Standards health safety management system safety management occupational health environmental management safety health safety performance international standard safety policy safety standard safety work consistent international ensure health safety employee work environment safety environment safety issue system consistent	Gender total employee total workforce male female female employee employee gender employee turnover turnover rate percentage woman female management total male employee category woman total female male gender female age total average age average hour employee age	Customer Service product service customer service provide service customer access customer satisfaction offer customer service provide support customer ensure customer help customer 37me credit service customer customer product provide customer service level technology help customer management develop product	Conservation local community management plan indigenous people near operation protect habitat sustainability report agreement indigenous development project habitat protect site include cultural heritage protect restore assessment site biodiversity conservation biodiversity management biodiversity value carry ecological community near	Work Safety hour work injury rate frequency rate injury frequency million hour total injury incident rate rate recordable lose time total incident injury illness work hour health safety rate employee rate reportable illness rate fatal injury injury total