



Datamaran®

Topics List

2020

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ABOUT DATAMARAN

Datamaran is the market leader in external risk management - trusted by blue-chip companies and global partners. It is the only software that supports a data-driven business process for monitoring external risks and opportunities.

In-house - on your own - at any time.

Datamaran's fully automated platform - powered by AI - gives you real-time analytics to strengthen and accelerate decision-making.

Companies worldwide use Datamaran for:

- ✓ External risk and materiality analysis of emerging issues - ESG, geopolitical, technology
- ✓ Ongoing monitoring of these material and emerging risks through a live dashboard
- ✓ Strengthening transparency with a data-driven audit trail
- ✓ Capturing relevant insights for internal and external reporting

If you would like to learn more about Datamaran please email info@datamaran.com or call on +44 2077029595.

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Access to health care & medicine

SOCIAL

Refers to initiatives aimed at providing equal access to comprehensive, quality and timely health care services for all people. It covers activities aimed at expanding access to medicine and treatments for more people, as well as research projects on unmet medical needs.

Advanced technologies & innovations

INNOVATION & TECHNOLOGY

Refers to the development and use of emerging technologies and digital innovations that transform business operations and the way people live. References to the opportunities and risks presented by these technologies and innovations are included in this topic.

The following concepts are covered:

- *Internet of things*
- *Advanced & next-generation cellular networks*
- *Remote sensing*
- *Nanotechnologies*
- *Robotics*
- *Blockchain*
- *Additive manufacturing*

Air emissions

ENVIRONMENTAL

Refers to non-greenhouse gas air emissions that impact air quality, atmospheric conditions and/or human health. These may be emitted through company operations or through the use of company products, most commonly fossil fuel combustion engines. Air quality references may be related to indoor air quality, e.g. from VOCs, or outdoor air quality.

The following concepts are covered:

- *Air emissions (unspecified)*
- *Air quality*

- *Particulate matter pollutants*
- *Ozone depleting substances*
- *Volatile organic chemicals (VOCs)*
- *Sulfur oxides (SOx) & nitrogen oxides (NOx) emission*

Alternative fuels

ENVIRONMENTAL

Refers to fuels that, when combusted, have a lower climate impact than traditional fossil fuels and are aimed at supporting a low-carbon transition.

The following concepts are covered:

- *Alternative fuels (unspecified)*
- *Biofuels*
- *Hydrogen-based fuels*
- *Natural gas fuels*

Animal welfare

SOCIAL

Refers to consideration of the physical and mental welfare of animals that are central to some business models, including practices aimed at maintaining an environment in which captive animals can live and develop as they would have in their natural habitats.

The following concepts are covered:

- *Animal welfare (unspecified)*
- *Animal testing*
- *Animal consumption*
- *Animal entertainment*

Artificial intelligence

INNOVATION & TECHNOLOGY

Refers to computer programs that respond to stimulation, analyze data, and use the resulting insights to make decisions in a way that is consistent with human intelligence and adaptation. It involves new use cases and application ideas, as well as references to concerns about ethical considerations.

The following concepts are covered:

- *Artificial intelligence (unspecified)*
- *Ethics of AI*
- *Virtual reality*
- *Augmented reality*
- *Automated decision making*
- *Virtual assistants*
- *Machine learning & deep learning*

Biodiversity

ENVIRONMENTAL

Refers to the impacts on or preservation of the genetic and species varieties of flora and fauna present within a biome(s), including impacts of fishing. It covers references to ecosystem services - the various benefits provided to humans by a healthy ecosystem.

The following concepts are covered:

- *Biodiversity (unspecified)*
- *Ecosystem services*
- *Ecosystem diversity & sensitive areas*
- *Species diversity & protection*
- *Fish stocks & responsible fishing*

Board effectiveness

GOVERNANCE

Refers to processes aimed at ensuring and evaluating the knowledge, skills and experience of board members, as well as related performance standards. It covers the structure and composition of a board, including diversity, as well its guiding principles and continuity & improvement practices.

The following concepts are covered:

- *Board effectiveness (unspecified)*
- *Board succession*
- *Directors' knowledge, skills & experience*
- *Board composition & diversity*
- *Board assurance framework*
- *Board independence*



Business continuity

GOVERNANCE

Refers to the plans, actions, protocols and training conducted to ensure continuity of core business operations during and after crises that may disrupt commercial activities.

The following concepts are covered:

- *Business continuity planning*
- *Business disaster recovery*
- *Crisis management & response*

Business ethics

GOVERNANCE / CULTURE & VALUES

Refers to the guidelines or codes that dictate fair, ethical and moral employee conduct, as well as employee training on the subject, and implementation by staff and leadership.

The following concepts are covered:

- *Business ethics (unspecified)*
- *Corporate ethics & conduct guidelines*
- *Workplace ethical training*
- *Responsible conduct*

Business model innovation

INNOVATION & TECHNOLOGY

Refers to new business models realizable through technological advances and increased digital access that provide innovative approaches to redefining traditional service offerings.

The following concepts are covered:

- *Cloud computing*
- *Sharing economy*
- *Fintech*

Certification, labeling & information transparency

SOCIAL / ENVIRONMENTAL

Refers to the information that companies share with consumers so that they can

make informed decisions about the goods and services they purchase, as well as the relevant contractual terms & conditions and applicable rates, for industries where applicable. It also covers independent third-party certifications that verify environmental or social aspects of the products, and associated labeling.

The following concepts are covered:

- *Product certifications*
- *Product labeling*
- *Product & service information transparency*

Changing consumption patterns

SOCIAL

Refers to both sides of the producer-consumer paradigm: producers educating consumers on social and environmental issues as well as consumer activism to shift production patterns and products towards increased sustainability. General trends oriented around sustainable production & consumption are also included in this topic.

The following concepts are covered:

- *Sustainable production & consumption*
- *Consumer education & awareness-raising*
- *Consumer activism*
- *Healthy & special diets*
- *Buying organic*

Children's rights

SOCIAL

Refers to the protection of the rights of the child as relates to anticipating, preventing or responding to any form of violence, exploitation, abuse or practices that might be harmful to a child's physical and mental development and integrity.

The following concepts are covered:

- *Children's rights (unspecified)*
- *Child protection*

- *Child labor*

- *Child sexual exploitation*

Climate change risks & management

ENVIRONMENTAL / GOVERNANCE

Refers to the physical and transition impacts, risks and opportunities presented by climate change and the transition to a low-carbon economy, as well as adaptation and resilience measures adopted by companies. References to governance systems to manage climate-related risks and opportunities are also included in this topic.

The following concepts are covered:

- *Climate change (unspecified)*
- *Physical impacts, risks & opportunities*
- *Transition impacts, risks & opportunities*
- *Climate change adaptation & resilience*
- *Governance around climate-related risks & opportunities*

Community engagement

SOCIAL

Refers to the relationship that exists between a company and the communities it operates in and engagement with those communities for consultation or feedback.

The following concepts are covered:

- *Community engagement (unspecified)*
- *Community rapport*
- *Community feedback mechanisms*

Community support & development

SOCIAL

Refers to the business practices and projects carried out to ensure the well-being and positive development of communities with which a company interacts. It covers company-led initiatives aimed at growing a community's ability to develop and implement solutions for improved



management of their physical, social, economic and cultural environments.

The following concepts are covered:

- **Community integration & contribution**
- **Community capacity building**
- **Community education & training**

Compliance management

GOVERNANCE

Refers to the mechanisms that ensure a company's awareness of and compliance with relevant laws, policies, and regulations. It also covers processes to identify and proactively address risks of litigation or regulatory action, and prevent disputes from arising or escalating.

The following concepts are covered:

- **Regulatory compliance**
- **Stricter or new regulations**
- **Regulatory gaps, inconsistencies & self-regulation**
- **Litigation risk & class actions**

Consumer rights

SOCIAL

Refers to consumers' rights to be safe, informed, have choice, and provide feedback to the producers of the goods and services they purchase. It includes mechanisms to ensure consumers are treated fairly and honestly during commercial transactions

The following concepts are covered:

- **Consumer rights (unspecified)**
- **Fair & equitable treatment of customers**
- **Financial consumer protection**

Corporate criminal liability

GOVERNANCE

Refers to the cases in which an employee(s) is legally responsible for a criminal offence and the preventative corporate policies,

procedures, and processes designed to meet legal compliance obligations and mitigate corruption risks. References to criminal investigations, legal proceedings, and penalties for misconduct are also included in this topic.

The following concepts are covered:

- **Corporate criminal liability (unspecified)**
- **Criminal liability**
- **Anti-corruption compliance**
- **Fraud**
- **Bribery**
- **Anti- money laundering & terrorism financing**

Corporate culture

CULTURE & VALUES

Refers to the fundamental beliefs and guiding principles that dictate behavior within a company and determine how the company's employees and leaders interact and handle business transactions with all stakeholders.

The following concepts are covered:

- **Corporate culture (unspecified)**
- **Core values & guiding principles**
- **Enhancing the employee experience**

Corporate reputation

CULTURE & VALUES / SOCIAL

Refers to how a company presents itself to the outside world regarding performance, particularly on sustainability issues, and strategic decisions. It covers the positive and negative perceptions of stakeholders and associated risks based on the company's past actions and its perceived ability to deliver value.

The following concepts are covered:

- **Corporate identity & image**
- **Sustainable branding**
- **Reputation risk**

Customer satisfaction

SOCIAL / CULTURE & VALUES

Refers to the strategies and processes intended to meet or surpass customer expectations and the requirements to create a positive experience and build customer loyalty from the point of purchase onwards.

The following concepts are covered:

- **Customer centricity**
- **Customer acquisition**
- **Customer retention - Customer satisfaction measurements & metrics**
- **Customer service**
- **Customer complaints & disputes**

Cybersecurity & information security

INNOVATION & TECHNOLOGY

Refers to the breakdown or vulnerability of critical information systems and networks due to security breaches, which might disrupt core operations or lead to accidental or illegal access, destruction, alteration or disclosure of protected data. It covers the mechanisms for protecting computers, networks, programs and data, as well as remediation measures if breaches occur.

The following concepts are covered:

- **Cybersecurity strategy**
- **IT disruption**
- **Cyber threats**

Data privacy management

INNOVATION & TECHNOLOGY

Refers to the collection, storage, processing, usage and sharing of data that is, or might be, connected to an identifiable person, including sensitive personal information. It covers mandatory and voluntary regulations and security mechanisms that aim to protect personal data, as well as instances of violation of individuals' privacy.



The following concepts are covered:

- **Personal data protection policies & regulations**
- **Personal data handling, processing & transferring**
- **Sensitive personal data management**
- **Privacy violations & data breaches**

Digital transformation

INNOVATION & TECHNOLOGY

Refers to the integration and increased use of digital technologies to modify or produce new business processes and improve the experiences of customers and other stakeholders. It alludes to a cultural change that embraces digital innovation and to the equal and unrestricted access to internet data and its traffic.

The following concepts are covered:

- **Digital access**
- **Data intelligence**
- **Business process automation**

Drug resistance & pharmaceuticals in the environment

SOCIAL / ENVIRONMENTAL

Refers to pharmaceutical chemical compounds increasingly found in the environment, their adverse effects to humans and other living species, and specifically to the threat associated with the antibiotic resistance phenomenon and the management thereof.

The following concepts are covered:

- **Antimicrobial stewardship**
- **Clinical waste**

Employee acquisition, talent management & retention

EMPLOYEE

Refers to the mechanisms used to find, recruit, manage and retain the right

employees and talent to build a skilled workforce and boost business growth, especially in an environment of increasing competition for skills. It also covers the strategic management of outsourced teams, contractors, freelancers or gig workers, as well as efforts to grow employee loyalty and successfully retain staff.

The following concepts are covered:

- **Competition for talent & building a skilled workforce**
- **Employee acquisition**
- **Offering & managing alternative work arrangements**
- **Internships**
- **Talent management**
- **Employee retention & turnover**

Employee development

EMPLOYEE

Refers to the practices, initiatives and processes aimed at nurturing talent and supporting employees in developing the skills necessary to succeed in their next role.

Aspects of career progression, including vertical and lateral job moves based on performance assessments, as well as succession planning, are included in this topic.

The following concepts are covered:

- **Employee development (unspecified)**
- **Performance reviews**
- **Succession planning**
- **Internal mobility & job promotion**
- **Employee training & mentoring programs**
- **Company-sponsored scholarships**

Employee engagement & satisfaction

EMPLOYEE

Refers to engagement activities centered on enhancing collaboration and communication between employees and

improving their work contributions. It also includes mechanisms to grow employee contentment, accomplishment, satisfaction, and motivation regarding their jobs, and associated satisfaction measurements and metrics

The following concepts are covered:

- **Employee engagement (unspecified)**
- **Team communication & collaboration**
- **Job satisfaction**

Employee incentives & benefits

EMPLOYEE

Refers to financial and non-financial benefits provided to employees, and corporate strategies to leverage those benefits to incentivize performance and employee retention. Due to differing legal obligations by jurisdiction, any benefit provided by the employer above-and-beyond basic pay-for-work compensation, and that is not otherwise enshrined in international labor law, is included in this topic.

The following concepts are covered:

- **Employee benefits (unspecified)**
- **Employee incentive strategies**
- **Health care benefits**
- **Retirement benefits**
- **Savings plans & stock options benefits**
- **Parental leave & support**
- **Employee recognition**

Employee transportation

EMPLOYEE / ENVIRONMENTAL

Refers to schemes that support employee commuting and traveling. This topic also includes initiatives that avoid or reduce unnecessary travel while encouraging more sustainable practices.

The following concepts are covered:

- **Employee commuting & travel**
- **Employee smart mobility**



Employee wellbeing

EMPLOYEE

Refers to the mental and physical condition of employees with respect to their health, happiness, comfort and morale. It includes initiatives that promote healthy lifestyles, offer physical and social activities within a company, and support mental health, as well as work arrangements that allow employees a level of autonomy to follow a work schedule aligned with a work-life balance that best suits them.

The following concepts are covered:

- *Employee wellbeing (unspecified)*
- *Work-life balance*
- *Promotion of healthy lifestyles*
- *Remote work*
- *Mental workplace support*

Energy use, conservation & reductions

ENVIRONMENTAL

Refers to the consumption of fuel and electricity, and overall energy use by companies, as well as energy recycling, energy efficiency gains and overall reduction measures. Energy companies will find references to meeting energy demand while those involved in electricity T&D will find references to distribution systems included in this topic.

The following concepts are covered:

- *Energy use (unspecified)*
- *Fuel use*
- *Electricity use*
- *Energy reduction & efficiencies*
- *Energy recycling*
- *Energy demand*
- *Energy distribution*

ESG governance structure

GOVERNANCE

Refers to the governance bodies and organizational structures that define and manage an organization's ESG strategy, objectives and goals.

The following concepts are covered:

- *ESG governance (unspecified)*
- *ESG management*
- *ESG councils & committees*

Ethics of clinical trials

GOVERNANCE

Refers to ethical practices employed when conducting clinical trials. It covers patient safety, the description of processes around informed consent, incentives offered to participants, and compliance with high clinical/laboratory practice standards.

Executive compensation

GOVERNANCE / EMPLOYEE

Refers to financial and non-financial compensation provided to senior management, executives and board members.

The following concepts are covered:

- *Executive & senior management compensation*
- *Board compensation*

Fair & equitable compensation

EMPLOYEE / SOCIAL

Refers to the principles, measures and initiatives to offer fair, transparent and consistent employee compensation without favor or prejudice, and ensure it meets minimum livable standards given the local cost of living.

The following concepts are covered:

- *Equal remuneration*

- *Fair employee compensation*

Fair & inclusive workplace

EMPLOYEE

Refers to the processes, practices and mechanisms in place to support the active integration and fair treatment of all employees, with a focus on gender, age, cultural background, skills, race, religion, and sexual orientation. It considers equal opportunity provisions aimed at promoting the professional development of all employees and supporting a culture of acceptance.

The following concepts are covered:

- *Non-discrimination*
- *Equal opportunities & treatment*
- *Workforce diversity & inclusion*
- *Female empowerment & leadership*
- *Elderly employees*
- *Special needs employees*
- *Reintegration of veterans*
- *Youth employment*

Fair competition

ECONOMIC

Refers to business and government mechanisms aimed at maintaining healthy marketplaces where all participants compete fairly on a level playing field. It also includes practices that harm the general interests of competition in a corresponding market, by preventing or reducing it.

The following concepts are covered:

- *Open & fair competition*
- *Anti-competitive practices*

Financial access, education & advice

SOCIAL

Refers to practices, processes and initiatives aimed at ensuring that individuals, communities and businesses have appropriate access to and information on



financial services, products, and resources. Financial empowerment of employees and customers through the provision of sound advice is also included in this topic.

The following concepts are covered:

- Access to finance
- Financial literacy
- Youth financial education
- Empowering through financial advice
- Financial planning & asset formation

GHG emissions & reductions

ENVIRONMENTAL

Refers to the direct and indirect emissions of greenhouse gases (GHGs) and emission reduction targets aimed at limiting individual company contributions to global warming.

The following concepts are covered:

- GHG emissions (unspecified)
- Scopes 1 & 2 GHG emissions
- Scope 3 GHG emissions
- GHG emission reduction goals & ambitions

Grievance mechanisms & remediation

GOVERNANCE

Refers to systems and channels aimed at collecting, processing and addressing formal complaints from employees or other parties engaged in business, legal, or societal relationships, including whistleblowing procedures.

The following concepts are covered:

- Complaint management system
- Whistleblowing procedures

Harmful substances management

ENVIRONMENTAL

Refers to substances and materials used in an organization's operations or present in its products that pose a threat to human health or the environment. References to specific controversial ingredients included

in products can be found in the Product & service safety & quality topic.

Hazardous waste management

ENVIRONMENTAL

Refers to operational waste that poses a threat to human health or the environment, and the waste management practices to dispose of it responsibly.

The following concepts are covered:

- Hazardous waste (unspecified)
- Electrical & electronic waste
- Chemical waste
- Radioactive waste

Holistic & patient-centric approach to health

SOCIAL

Refers to practices and services aimed at improving the safety and wellbeing of people, promoting healthy lifestyles, preventing diseases, and educating patients, caregivers and the general public on health issues. It covers personalized support provided to patients, as well as the proper use of medication and available treatments.

The following concepts are covered:

- Medication use management
- Disease awareness & education
- Patient safety & wellbeing
- Health promotion & disease prevention

Human rights

SOCIAL

Refers to the fundamental rights and freedoms inherent to all human beings that ensure they are able to live with dignity, freedom, equality, justice, and peace, and the measures necessary to uphold these rights.

The following concepts are covered:

- Human rights (unspecified)
- Individual rights & freedoms
- Access to basic resources

- Forced labor
- Human trafficking
- Sexual exploitation & abuse

Inclusive products & services

SOCIAL

Refers to products and services that integrate characteristics to make them accessible and usable by as many people as reasonably possible, with particular focus on low-income individuals or groups, entrepreneurs or small businesses, and people with disabilities.

The following concepts are covered:

- Inclusive products & services (unspecified)
- Digital inclusion & literacy
- Inclusive finance
- Energy inclusion

Indigenous populations

SOCIAL

Refers to communities that live within geographically distinct traditional habitats or ancestral territories, and who identify themselves as being part of a distinct cultural group. It includes engagement with indigenous people in reference to the land, workplace and societal contexts.

The following concepts are covered:

- Indigenous populations engagement
- Indigenous populations' property rights & displacement
- Indigenous populations workplace inclusion

Innovation management

INNOVATION & TECHNOLOGY / GOVERNANCE

Refers to processes, initiatives and activities aimed at the advancement of products and services through various approaches, including open innovation, crowdsourcing and the use of new technologies. Go-to-market strategies and measures to protect a competitive edge and increase market



penetration are also included in this topic.

The following concepts are covered:

- *Open innovation, crowdsourcing & co-creation*
- *R&D in products & services*
- *Product competitive edge & IP strategy*
- *Product market penetration & adoption*

Intellectual property

GOVERNANCE / INNOVATION & TECHNOLOGY

Refers to both the protection of or infringement on exclusive rights given to an individual or legal entity for an idea, invention or creative expression that acquires the status of 'property'. It includes patents, trademarks, copyrights, and trade secrets.

The following concepts are covered:

- *IP protection*
- *IP infringement, misappropriation & enforcement*

Investor relations

GOVERNANCE

Refers to relationship management and engagement practices between companies and their shareholders, current and potential investors, and financial analysts. The rights and practices of shareholders, including proxy voting, are also included in this topic.

The following concepts are covered:

- *Investor engagement*
- *Shareholder engagement*
- *Shareholder rights & actions*

Labor rights

EMPLOYEE

Refers to the legal rights and fundamental principles that regulate labor relations between workers and employers, including stipulations of employment and working conditions.

The following concepts are covered:

- *Labor rights (unspecified)*
- *Conditions of employment*
- *Fair organization of working time*
- *Unfair or wrongful dismissal*
- *Labor strikes*

Local economy support

ECONOMIC / SOCIAL

Refers to the production, distribution and procurement activities that use local resources to stimulate economic growth and development, while generating social, commercial and working opportunities for local residents.

The following concepts are covered:

- *Local economies (unspecified)*
- *Local production & procurement*
- *Job creation*

Long-term value creation

ECONOMIC / ENVIRONMENTAL / SOCIAL

Refers to a company's processes and practices aimed at optimizing its financial, social and environmental value in the long term.

The following concepts are covered:

- *Long term strategies & business models*
- *Long-term environmental value*
- *Long-term social value*

Managing land use & reducing deforestation

ENVIRONMENTAL

Refers to the use and management of the Earth's land surface, soil and forest resources to meet business and customer needs, as well as measures of any relevant contamination, deterioration or destruction. It covers environmentally responsible practices designed to maintain and

improve the Earth's long-term biodiversity, regeneration capacity and productivity.

The following concepts are covered:

- *Land & forests (unspecified)*
- *Land use & management*
- *Land contamination & remediation*
- *Deforestation*
- *Sustainable forestry*

Market access

ECONOMIC

Refers to the mechanisms that guarantee an open and free-market economy as well as to government policies that restrict international trade for the benefit of a domestic economy, including tariffs, subsidies, import quotas, product standards, currency manipulation and commercial or financial penalties.

The following concepts are covered:

- *Free trade*
- *Protectionism*
- *Economic sanctions*

Marketing & selling practices

SOCIAL / CULTURE & VALUES

Refers to both responsible and unethical advertisements, communications and sales strategies, with a focus on the honest representation of the characteristics, impacts, and safety of products and services.

The following concepts are covered:

- *Responsible marketing & sales*
- *Green marketing*
- *Social marketing*
- *Advertising to children & adolescents*
- *Unethical marketing & sales practices*

Materials management

ENVIRONMENTAL

Refers to the management of materials, recognizing the reality of resource scarcity



where measured usage, increased recycled inputs and reduced virgin resources can contribute to improved environmental conditions. It includes a specific focus on forest products, metals & minerals and plastics, which have wide-reaching value chain impacts as source materials.

The following concepts are covered:

- Resource scarcity & conservation
- Recycled materials
- Forest products
- Metals & minerals
- Plastics

Noise pollution

SOCIAL

Refers to unwanted, excessive or regular exposure to a high level of noise, generated by operations or products, that may lead to adverse effects in humans or other living species.

Non-financial reporting

GOVERNANCE

Refers to the processes and standards for the accounting, reporting and auditing of non-financial information, including its integration with financial disclosures. References to the actors & ecosystems that support non-financial transparency are also included in this topic.

The following concepts are covered:

- Non-financial standards & frameworks
- Non-financial accounting
- Non-financial assurance
- Integrated reporting
- Non-financial rankers & raters

Non-hazardous waste management

ENVIRONMENTAL

Refers to the management and disposal of innocuous operational waste that has not been recovered for recycling or reuse.

The following concepts are covered:

- Non-hazardous waste management (unspecified)
- Commercial & industrial waste
- Dumps & landfills
- Thermal treatment
- Organic waste

Occupational health & safety

EMPLOYEE

Refers to health and safety in the workplace with a focus on primary risk prevention. On the one hand, it integrates protocols, training and the design of optimal conditions for employee productivity, while on the other hand it refers to work-related injuries, illnesses and death, as well as behaviors and workplace risks that can cause physical, psychological, sexual or economic damage to employees.

The following concepts are covered:

- Occupational health & safety (unspecified)
- OHS management
- OHS education & training
- OHS certification & audits
- Workplace hazards & risks
- Workplace incidents & illnesses
- Workplace violence & harassment
- Workplace protection & incident prevention

Philanthropy & volunteering

SOCIAL

Refers to the contribution to other organizations and communities through funds, volunteering efforts, and in-kind products or services. It also includes assistance given to people in immediate distress during and after emergencies and disasters.

The following concepts are covered:

- Corporate giving
- Emergency aid

- Employer-supported volunteering

Physical disasters & failures

SOCIAL / ENVIRONMENTAL

Refers to catastrophic events resulting from natural processes or human error and negligence, including significant failure of critical public or private utility systems and assets.

The following concepts are covered:

- Natural disasters
- Wildfires
- Avoidable disasters
- Infrastructure failure

Political & societal risk

SOCIAL

Refers to economic, political and societal pressures that may pose risks to business if not handled appropriately by national or subnational governments or agencies.

The following concepts are covered:

- (Geo)political & societal risks (unspecified)
- Adverse economic conditions
- Social movements & unrest
- Separatism
- Armed conflict
- Terrorism

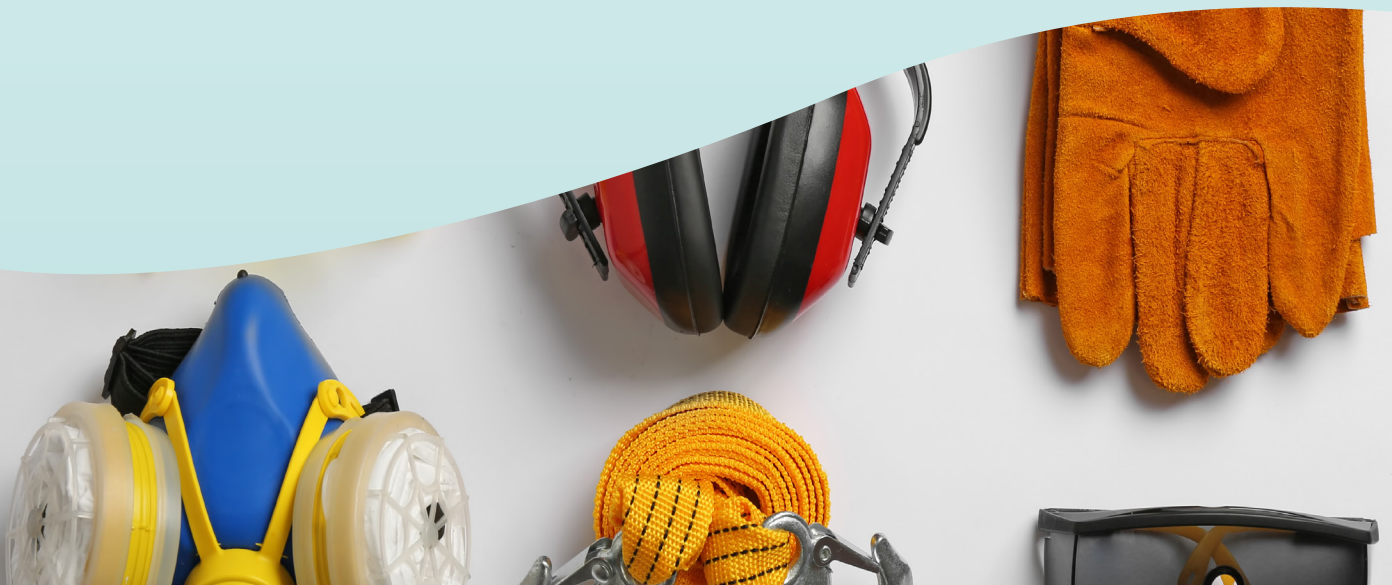
Product & service safety & quality

SOCIAL

Refers to the initiatives, procedures and staff training to ensure product and service quality and the safety of end consumers, including considerations regarding product ingredients and their potential effects on customer health. References to breaches of product or service quality and safety and general liability concerns are included in this topic.

The following concepts are covered:

- Quality procedures



- Customer health & safety
- Product & services liability
- Controversial ingredients & compounds
- Dietary & nutritional considerations
- Traffic & transportation safety

Project-based social & environmental impact assessment

SOCIAL / ENVIRONMENTAL

Refers to the assessments and processes to predict, manage and mitigate potential negative social and environmental impacts of business projects, including addressing community resettlements where unavoidable.

The following concepts are covered:

- Environmental impact assessment
- Social impact assessment
- Land rights & displacement management

Protection of natural land cover

ENVIRONMENTAL

Refers to the sustainable management, conservation and restoration of the Earth's land surface, soil, forest and wetland resources, including sustainable agriculture practices.

The following concepts are covered:

- Forest protection & regrowth
- Land protection
- Wetlands protection
- Sustainable agriculture

Public health risks

SOCIAL

Refers to major risks to public health, including the spread of infectious diseases and eventual pandemics, the availability of vaccinations and the anti-vacc movement, and potentially deadly noncommunicable diseases.

The following concepts are covered:

- High-threat pathogens
- Epidemics & pandemics
- Vaccination
- Noncommunicable diseases

Public policy practices

GOVERNANCE

Refers to the relationship between companies and governments/ officials and the practices adopted by companies to influence public policy, including lobbying and political contributions. It also includes considerations of the alignment of overt and covert policy positions with corporate values.

The following concepts are covered:

- Public policy practices (unspecified)
- Government relations & public affairs
- Lobbying & political contributions
- Policy positions & values alignment

Recycling, waste recovery & reduction

ENVIRONMENTAL

Refers to measures to reduce the amount of waste produced and sent for final disposal, efforts to recover waste for useful material harvesting and reuse, and recycling.

The following concepts are covered:

- Waste reduction
- Waste recovery & reuse
- Organic waste treatment
- Recycling

Responsible investing & financing

ECONOMIC

Refers to investment products aimed at producing a specific sustainability-oriented outcome, the financing of projects or companies with an environmental or social benefit, and investing and financing practices specifically geared to making a positive

impact.

The following concepts are covered:

- Responsible investing & financing (unspecified)
- Impact investing & financing
- Green investing & financing
- Innovative & thematic financing

Responsible pricing

SOCIAL

Refers to corporate policies and practices to ensure the pricing of its products is fair, transparent, and non-discriminatory.

Responsible procurement

SOCIAL

Refers to the policies and practices to procure ethically and responsibly produced goods or services for a fair price.

The following concepts are covered:

- Procurement policies & criteria
- Responsible procurement practices
- Avoiding conflict minerals

Responsible tax practices

ECONOMIC

Refers to the taxation of a company's profits and related matters, including state incentives and corporate strategies to reduce the amount of taxes levied or paid, the effective exchange of information with tax authorities, and illegal activities aimed at evading the imposition or payment of a tax.

The following concepts are covered:

- Tax policies
- Tax planning
- Tax transparency & disclosures
- Cross-border taxation
- Tax evasion
- Tax relief



Shifting demographics

SOCIAL

Refers to the impact that any localized or global demographic trends may have on the economic, political and social spheres. It includes services and products designed to address the problems or needs that arise from these changes, which are based on differing factors such as birth or death rates, age structure, migration, education and income.

The following concepts are covered:

- *Population growth*
- *Aging population*
- *Millennials & new generations*
- *Urbanization*
- *Migration*
- *Social mobility*

Smarter & greener transportation

ENVIRONMENTAL

Refers to more efficient, eco-friendly modes of transportation and logistics management, as well as smarter transportation systems and infrastructure planning.

The following concepts are covered:

- *Eco-friendly transportation*
- *Eco-friendly logistics*
- *Smart & green transportation planning*

Social inclusion

SOCIAL

Refers to programs and initiatives addressing key social issues of marginalization, exclusion, inequality and poverty, and general themes focused on ensuring all people are able to participate in modern society.

The following concepts are covered:

- *Social inclusion (unspecified)*
- *Poverty reduction*
- *Rising inequality*

Solvency & financial management

ECONOMIC

Refers to the financial health of a company and its ability to meet long-term and short-term financial obligations.

Spills

ENVIRONMENTAL

Refers to leaks, spills and discharges of substances that have negative environmental or human health impacts. It includes corporate preparedness, response plans, clean-up and remediation activities.

The following concepts are covered:

- *Spills (unspecified)*
- *Reportable or significant spills*
- *Chemical spills*
- *Oil spills*
- *Spill prevention & remediation*

Stakeholder engagement

SOCIAL

Refers to the process of organizing, monitoring, maintaining and improving relationships and communication streams with people or groups who may affect or be affected by a company's activities and decisions.

The following concepts are covered:

- *Stakeholder involvement (unspecified)*
- *Stakeholder dialogue & engagement*
- *Business partner relationship management*

Supply chain management

SOCIAL

Refers to the policies, practices and goals established by a company that dictate how it chooses suppliers, measures supplier performance and alignment with core and strategic values, audits suppliers, engages with and supports suppliers to improve on ESG issues, and maintains transparency from cradle to gate to ensure sourcing

commitments are met.

The following concepts are covered:

- *Supply chain management (unspecified)*
- *Supply chain policies, screening, auditing & corrective actions*
- *Supply chain goals & commitments*
- *Supply chain engagement*
- *Supplier support*
- *Supply chain transparency*

Sustainable building management

ENVIRONMENTAL

Refers to reducing the environmental footprint of buildings and facilities across their life-cycles, from design to construction, operation, maintenance, renovation, and demolition. References to interior planning and design considerations, like more natural light and plants, to improve the indoor environmental quality are also included in this topic.

The following concepts are covered:

- *Sustainable building management (unspecified)*
- *Green building standards & certification systems*
- *Indoor environmental quality*

Transition to a circular economy

ENVIRONMENTAL

Refers to principles, practices and processes that minimize or eliminate the negative environmental impacts of a product across its lifecycle in an effort to eliminate waste and reduce virgin input materials. Aspects of producer responsibility for their products are included in this topic, as are industry-specific models to reduce the environmental footprint of products and services.

The following concepts are covered:

- *Transition to a circular economy (unspecified)*
- *Circular design & models*
- *Product eco-efficiency*



- *Product life-cycle*
- *Sustainable packaging*
- *Product stewardship*
- *Product take-back*
- *Green IT*
- *Green chemistry*

Transition to renewable energy

ENVIRONMENTAL

Refers to the transition from a predominantly fossil-based system of energy production and consumption to zero-carbon and renewable energy sources, including policies, goals, accounting instruments and technologies that facilitate that transition.

The following concepts are covered:

- *Renewable energy (unspecified)*
- *Energy transition & supporting instruments*
- *Renewable energy goals & ambitions*
- *Biomass energy*
- *Solar power*
- *Wind power*
- *Hydropower*
- *Geothermal energy*
- *Marine energy*
- *Energy storage*
- *Nuclear energy*

Unionization

EMPLOYEE

Refers to the relationship between labor unions and employers and related matters, including collective bargaining.

The following concepts are covered:

- *Unionization*
- *Collective bargaining*

Water

ENVIRONMENTAL

Refers to the use, management and conservation of water resources for meeting

business and customer needs. It includes the availability of freshwater, the efforts to reduce water consumption, and the treatment and re-use of wastewater and greywater.

The following concepts are covered:

- *Water (unspecified)*
- *Water use*
- *Water risk & management*
- *Water treatment & recycling*
- *Water use reduction & efficiencies.*

Water pollution

ENVIRONMENTAL

Refers to the human-induced contamination of natural water bodies, affecting the water quality, directly or indirectly harming other living species, or posing a hazard to human health.

The following concepts are covered:

- *Water pollution (unspecified)*
- *Water quality*
- *Freshwater pollution*
- *Extractives pollution*
- *Marine pollution*
- *Water effluent*

Workforce & organizational change management

EMPLOYEE / CULTURE & VALUES

Refers to strategic decisions and general trends involving workforce changes, as well as the structures, procedures and technologies in place to manage that change and successfully implement new processes and commercial strategies while minimizing negative impacts.

The following concepts are covered:

- *Workforce changes (unspecified)*
- *Organizational change management*
- *Transformation of jobs due to automation*
- *Growing workforce*

- *Corporate downsizing*
- *Outsourcing arrangements*





View of Datamaran's intuitive dynamic topic ontology library and issues Monitoring feature.