
Deep dive into SASB Standards for priority industries

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Overview

[1. Role of the SASB Standards](#)

[2. SASB Standards history](#)

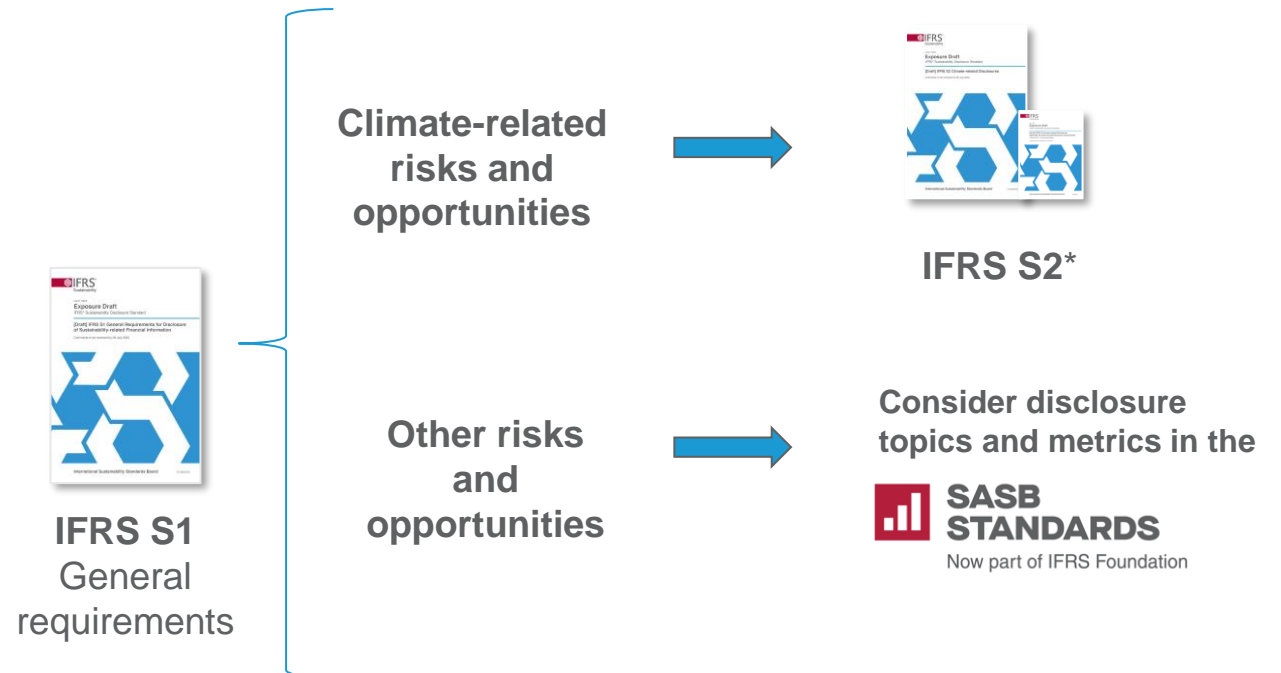
[3. SASB Standards structure](#)

[4. Extractives & Minerals Processing \(EM\)](#)

[5. Cross-industry examples](#)

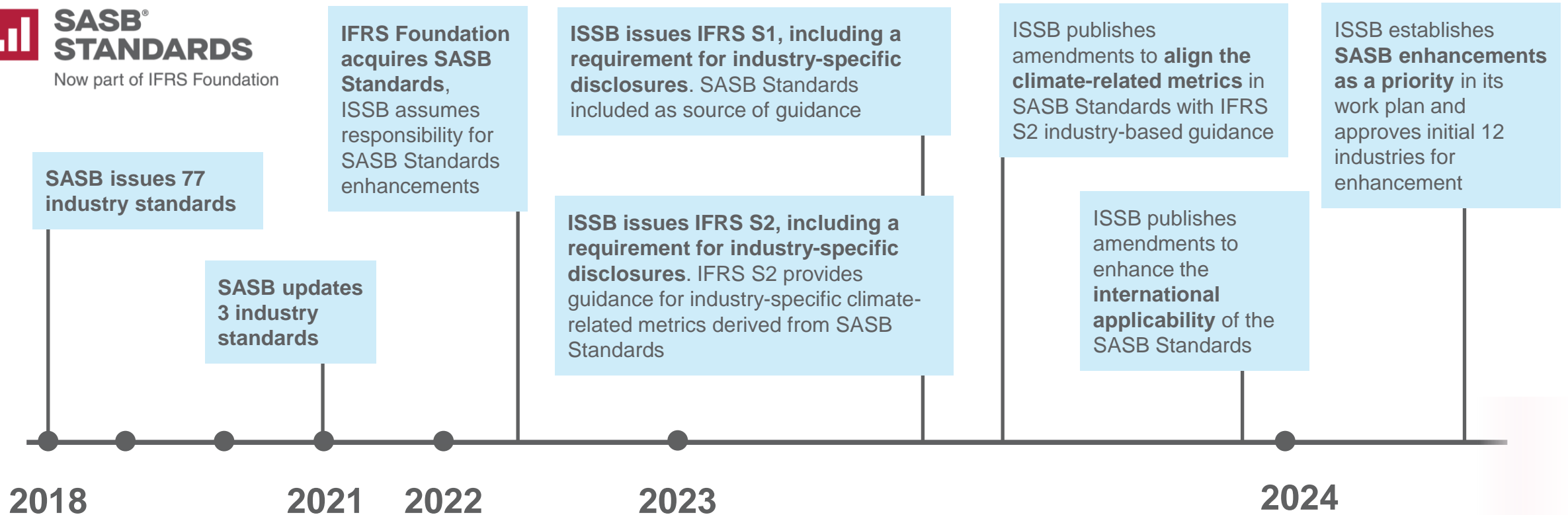
Role of the SASB Standards in IFRS S1 General Requirements

- Source of guidance provided in IFRS S1 for developing sustainability-related disclosures beyond climate
- An entity **shall refer to and consider** the SASB Standards when:
 - identifying sustainability-related risks and opportunities
 - identifying information to disclose about those risks and opportunities
- An entity may determine that the disclosure topics and associated metrics in the SASB Standards are inapplicable given the entity's specific circumstances



***Note:** IFRS S2 is accompanied by industry-based guidance derived from the climate-related metrics in the SASB Standards.

Brief history of SASB Standards enhancements



Structure of the SASB Standards

- 77 Industries using SICS*
- 6 Disclosure Topics per industry (average)
- 13 Metrics per industry (average)
- 74% Quantitative metrics

Table 1. Sustainability Disclosure Topics & Metrics

TOPIC	METRIC	CATEGORY	UNIT OF MEASURE	CODE
Product Safety	Percentage of vehicle models rated by NCAP with an overall 5-star safety rating, by region	Quantitative	Percentage (%)	TR-AU-250a.1
	(1) Number of safety-related defect complaints, (2) percentage investigated	Quantitative	Number, Percentage (%)	TR-AU-250a.2
	Number of vehicles recalled ¹	Quantitative	Number	TR-AU-250a.3

TR-AU-250a.1. Percentage of vehicle models rated by NCAP with an overall 5-star safety rating, by region

1 The entity shall disclose the percentage of its vehicle models rated by a New Car Assessment Program (NCAP) with an overall 5-star safety rating, by geographical region.

1.1 The percentage shall be calculated as the number of its vehicle models rated by an NCAP with an overall 5-star rating divided by the total number of its vehicle models rated by an NCAP.

Table 2. Activity Metrics

ACTIVITY METRIC	CATEGORY	UNIT OF MEASURE	CODE
Number of vehicles manufactured	Quantitative	Number	TR-AU-000.A
Number of vehicles sold	Quantitative	Number	TR-AU-000.B

Disclosure topics and corresponding metrics

Technical protocols with detailed guidance

Activity metrics to normalise disclosure

*SICS: Sustainable Industry Classification System, which contains 77 industries separated into 11 sectors

Extractives & Minerals Processing (EM) sector

- **Hard minerals industries**

- Construction Materials (EM-CM)
- Coal Operations (EM-CO)
- Iron & Steel Producers (EM-IS)
- Metals & Mining (EM-MM)

- **Oil & gas industries**

- Oil & Gas – Exploration & Production (EM-EP)
- Oil & Gas – Midstream (EM-MD)
- Oil & Gas – Refining & Marketing (EM-RM)
- Oil & Gas – Services (EM-SV)



Identifying industry-specific risks and opportunities

SASB Standards provide proportionate and industry-specific guidance to identify and disclose material information about sustainability-related risks and opportunities

The Iron & Steel Producers Standard contains **seven disclosure topics**

Greenhouse Gas emissions

Air quality

Energy management

Water management

Waste management

Workforce health & safety

Supply chain management

A total of **nine metrics** associated with these topics

The Metals & Mining Standard contains **twelve disclosure topics**

Greenhouse Gas emissions

Air quality

Energy management

Water management

Waste & hazardous materials management

Workforce health & safety

Biodiversity impacts

Security, human rights & rights of indigenous peoples

Community relations

Labour practices

Business ethics & transparency

Tailings storage facilities management

A total of **29 metrics** associated with these topics

Example of shared disclosure topics and metrics

Water management appears as a topic in both industries

Topic Summary example from Metals & Mining SASB Standard: Mining and metals production can affect both the availability and the quality of local water resources. Metals and mining entities face operational, regulatory and reputational risks because of water scarcity, costs of water acquisition, regulations on effluents or the amount of water used, and competition with local communities and other industries for limited water resources. Effects associated with water management may include higher costs, liabilities and lost revenues because of curtailment or suspension of operations. The severity of these risks may vary depending on the region's water availability and the regulatory environment. Entities in the industry may deploy new technologies to manage risks related to water risk, including desalination, water recirculation and innovative waste-disposal solutions. Reducing water use and contamination can create operational efficiencies for entities and reduce their operating costs.

EM-MM-140a.1. (1) Total water withdrawn, (2) total water consumed; percentage of each in regions with High or Extremely High Baseline Water Stress

Technical protocols provide:

- Definitions for key terms such as “water consumption” and “high or extremely high baseline water stress”
- Calculation guidance

Shared disclosure topic and metrics

- **Consistent sets of metrics, where appropriate, to facilitate cross-industry comparisons**
 - Water withdrawal and consumption metric is frequently used, including in 19 other industries
 - Also used in IFRS S2 *Industry-based Guidance on implementing Climate-related Disclosures*
- **Some industries may contain additional industry-specific disclosure requirements**
 - For instance, metrics EM-MM-140a.2, EM-EP-140a.2, EM-EP-140a.3, and EM-EP-140a.4 relate to managing water risks and opportunities associated with water quality, produced water or hydraulic fracturing sites

Small variations in metrics for same disclosure topic

Iron & Steel Producers (EM-IS) and Metals & Mining (EM-MM) industries

Disclosure topic: Air Quality

EM-IS/MM-120a.1: Air emissions of the following pollutants: (1) CO, (2) NO_x (excluding N₂O), (3) SO_x, (4) particulate matter (PM₁₀), (5) manganese (MnO) / (5) mercury (Hg), (6) lead (Pb), (7) volatile organic compounds (VOCs), and (8) polycyclic aromatic hydrocarbons (PAHs)
Measured in metric tonnes (t)

- **Air quality metrics contain industry-specific variations**

- This is a frequently occurring metric used in 14 other industries
- Some of the substances of concern can be industry-specific

Industry-specific
EM-IS in green
EM-MM in red

Significant differences in metrics for same disclosure topic

- Strong investor interest in tailings (mining waste) storage facilities management after several high-profile failures

Iron & Steel Producers

Disclosure Topic: Waste Management

- EM-IS-150a.1: (1) Amount of waste generated, (2) percentage hazardous, (3) percentage recycled

Similar metrics appear in 5 other SASB Standards

Metals & Mining

(and Coal Operations)

Disclosure Topic: Waste & Hazardous Materials Management

- EM-MM-150a.4-8: Total weight of non-mineral waste generated; tailings produced; waste rock generated; hazardous waste generated; hazardous waste recycled
- EM-MM-150a.9: Number of significant incidents associated with hazardous materials and waste management
- EM-MM-150a.10: Description of waste and hazardous materials management policies and procedures for active and inactive operations

Additional disclosure topic and associated metrics:
Tailings Storage Facilities Management

SASB Standards downloadable @

- <https://sasb.ifrs.org/standards/download/>

More history and background available @

- <https://sasb.ifrs.org/standards/archive/>

Question for the ISSB



Does the ISSB have any comments or questions on the matters covered in the presentation, or general guidance for the technical staff pursuing enhancements to the SASB Standards?

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