Core Policy Documents:

- Meta-2024-Sustainability-Report.pdf
- 2024 Responsible Business Practices Report
- 2023 Volumetric Water Benefits
- 2024 Sustainability Report Executive Summary
- 2024 Anti-Slavery and Human Trafficking Statement
- 2024 ESG Data Index
- Meta's Corporate Social Responsibility: Case Study
- Meta-EY_FY23-Independent-Accountants-Review-Report-and-Appendix.pdf

Taxonomy & Framework Files

- FORM 10-K

Discussion

Sep 3, 2025

- Review Longitinal Stud
- Reviewed Paper
-

Aug 26, 2025 :

- Longitudinal study & documents across time
  - Finding similar reports across the years
  - ? how has meta changed in its ethics since changing "from Facebook"
- Longitudinal (Depth for 1 company) Idea/Potential
  - Does (insert doc type) exist for the last 5 years?
  - Is Meta a good company to see this - (for example, does LinkedIn, Google, etc have uniform documents from the last 5 years?)
  - Considering the amount of words in specific sections across annual reports
  - New initiatives made per year
- Challenge
  - Identifying a constraint, and how to test it either across time, or across companies

Longitudinal Study:

2024 ESG Data Index: https://sustainability.atmeta.com/asset/2024-esg-data-index/

- **Data index**
- **Forward-looking statements**
- **Priority topics**: This section is broken down into **Environmental**, **Social**, and **Governance** issues.
- **GRI (Global Reporting Initiative)**: This index includes disclosures on general information, such as organizational details, reporting periods, governance structure, and policy commitments.
- **SASB (Sustainability Accounting Standards Board)**: This section provides disclosures based on metrics for the Internet and Media Services industry, including environmental footprint, data privacy, and employee topics.
- **TCFD (Task Force on Climate-related Financial Disclosures)**: This section outlines Meta's governance, strategy, risk management, metrics, and targets related to climate-related financial risks and opportunities.
- **DEI metrics**
- **Environmental footprint**
- **Environmental methodology**

Words: 1,460

2023 Environmental Data Index:
https://sustainability.atmeta.com/asset/2023-environmental-data-index/

- **Forward looking statements**: This section includes disclosures about the report's aspirational nature, non-audited estimates, and risks and uncertainties.
- **Environmental footprint**: This section covers various environmental data, including:
    - **GHG emissions**: Total greenhouse gas emissions, carbon removal, and greenhouse gas intensity.
    - **Market-based vs. Location-based Scope 2 emissions**: A comparison of Scope 2 emissions by facility.
    - **Value chain GHG emissions**: A breakdown of Scope 3 emissions by category.
- **Total electricity consumption**: This section lists total electricity consumption by facility.
- **Fuels**: This section provides data on fuel consumption, including natural gas, diesel, and gasoline.
- **Power usage effectiveness (PUE)**: This section details the PUE for data centers.
- **Water withdrawal and consumption**: This section provides data on total water withdrawal and consumption by facility.

Words: 960

2023 ESG Data Index: https://sustainability.atmeta.com/asset/2023-esg-data-index/

- **Priority Topic Definitions**: This section provides descriptions and links to additional information on key topics identified through stakeholder engagement. The topics are broken down into
  Environmental, **Social**, and **Governance** issues.
- **GRI Index**: This section, prepared in reference to the GRI standards for the 2022 fiscal year, details a variety of disclosures related to general information, economic, environmental, and social topics.
- **SASB Index**: This section provides disclosures based on the SASB metrics for the Internet and Media Services industry, covering areas like environmental footprint, data privacy, and employee recruitment.
- **TCFD Recommendations**: This section details Meta's approach to governance, strategy, risk management, and metrics and targets related to climate-related financial risks.
- **Forward-looking Statements**: This section provides a disclaimer regarding the report's aspirational nature and the non-audited estimates and assumptions used.

Words: 1,226

2021 ESG Data Index: https://sustainability.atmeta.com/asset/2021-esg-data-index/

- **Environmental Topics**
- **Net Zero Commitment**
- **Data Center Efficiency**
- **Water Stewardship**
- **Climate Change**
- **Employee Recruitment, Inclusion and Performance**
- **Intellectual Property Protection and Competitive Behavior**

Words: 1,313

2021 Volumetric Water Benefits:
https://sustainability.atmeta.com/asset/2021-volumetric-water-benefits/

- A little different document

2020 Volumetric Water Benefits:
https://sustainability.atmeta.com/asset/2020-volumetric-water-benefits/

- A little different document

2020 Data Disclosures: https://sustainability.atmeta.com/asset/2020-data-disclosures/

- **Electricity Use (MWh)**
- **Power Usage Effectiveness**
- **Electricity Mix**
- **Greenhouse Gas Emissions by Scope (metric tons CO2e)**
- **Operational Greenhouse Gas Emissions (market-based scope 1 & 2 metric tons CO2e)**
- **Market-Based vs. Location-Based Scope 2 Facilities GHG Emissions (metric tons CO2e)**
- **Greenhouse Gas Intensity (market-based scope 1 & 2 metric tons CO2e / monthly active person)**
- **Value Chain Greenhouse Gas Emissions (scope 3 metric tons CO2e)**
- **Water Withdrawal (cubic meters)**
- **Water Consumption (cubic meters)**
- **Water Usage Effectiveness**
- **Water Withdrawal Intensity (cubic meters / monthly active person)**

Words: 664

2019 Sustainability Data Disclosure:
https://sustainability.atmeta.com/asset/fb_sustainability-data-disclosure-2019/

- **Electricity Use (MWh)**
- **Carbon Footprint (metric tonnes CO2e)**
- **Carbon Intensity (metric tonnes CO2e / monthly active person)**
- **Scope Breakdown**
- **Location-Based vs. Market-Based Scope 2 Impact (metric tonnes CO2e)**
- **Water Use (gallons)**
- **Water Usage Effectiveness (data centers)**
- **Water Intensity (gallons/monthly active person)**

Words: 473

2016 Sustainability Data Disclosure:
https://sustainability.atmeta.com/asset/2016-sustainability-data-disclosure/

- **Electricity Use (MWh)**
- **Power Usage Effectiveness**
- **Data Center Electricity Mix**
- **Carbon Footprint (metric tonnes CO2e)**
- **Carbon Intensity**
- **Scope Breakdown**

- **Location-Based vs. Market-Based Scope 2 Impact (metric tonnes CO2e)**
- **Water Use (gallons)**
- **Water Usage Effectiveness (data centers)**
- **Water Intensity (gallons/monthly active person)**

Words: 382

2015 Sustainability Data Disclosure:
https://sustainability.atmeta.com/asset/2015-sustainability-data-disclosure/

- **Energy Use (MWh)**
- **Energy Mix (data center energy)**
- **Carbon Footprint (metric tonnes CO2e)**
- **Carbon Intensity (metric tonnes CO2e / monthly active person)**
- **Water Use (gallons)**
- **Water Usage Effectiveness (data centers)**
- **Water Intensity (gallons / monthly active person)**
- **"Regional" vs "Contractual" Scope 2 Impact (metric tonnes CO2e)**

Words: 272

2014 Sustainability Data Disclosure:
https://sustainability.atmeta.com/asset/2014-sustainability-data-disclosure/

- **Energy Use (kWh)**
- **Energy Mix (data center energy)**
- **Carbon Footprint (metric tonnes CO2e)**
- **Carbon Intensity (metric tonnes CO2e / monthly active person)**
- **Scope Breakdown**
- **Water (gallons)**
- **"Regional" vs "Contractual" Scope 2 Impact (metric tonnes CO2e)**

Words: 269

Things that have stayed the same:

- **Energy & Electricity Use**
- **Carbon / Greenhouse Gas Emissions**
- **Water Use**

What I could include in the AI policy classifier

- **Transparency (forward-looking statements).**

- **Accountability (Scope 1–3 emissions, per-user intensity).**
- **Fairness (DEI, employee practices).**
- **Responsibility (supply chain, data privacy, climate risk).**
- **Stewardship (water withdrawals in stressed regions, renewable energy adoption).**

Paper

https://pmc.ncbi.nlm.nih.gov/articles/PMC10591196/

This paper analyses a meta-analysis of 200 AI ethics guidelines from governments, companies, NGOs, and academic institutions worldwide. It identifies 17 recurring ethical principles

- **Accountability / Liability**
- **Beneficence / Non-maleficence**
- **Children and Adolescents' Rights**
- **Dignity / Human Rights**
- **Diversity / Inclusion / Pluralism / Accessibility**
- **Freedom / Autonomy / Democratic Values / Technological Sovereignty**
- **Human Formation / Education**
- **Human-centeredness / Alignment**
- **Intellectual Property**
- **Justice / Equity / Fairness / Non-discrimination**
- **Labor Rights**
- **Cooperation / Fair Competition / Open Source**

- **Privacy**
- **Reliability / Safety / Security / Trustworthiness**
- **Sustainability**
- **Transparency / Explainability / Auditability**
- **Truthfulness**

provides an open-source dataset and visualization tool to support future research and regulation, ultimately aiming to move the field beyond abstract principles toward clearer, enforceable rules for AI governance.

GitHub: [Nkluge-correa/worldwide_AI-ethics]

Dashboard: [Worldwide AI Ethics]

How can i use this?

- **groups 200+ guidelines into 17 recurring ethical principles**
- **constraint categories you could use as labels for classification.**

It contains definitions and wording

- **policy language (the actual sentences companies and governments used to define ethics).**

This is ideal training data for a Sentence-BERT embedding model

Potential Scoring

0 = not mentioned

1 = aspirational statement

2 = specific commitment/policy

3 = quantitative measure with targets

(maybe targets over time?)

JES COMMENTS

- Transparency!
    - The challenge of getting around normativity
    - Arnav: the matter of 3rd party “scoring” via normative personal or expertise assessment (supervised learning/ grading)
    -
- 1: Meta as benchmark
- 2. Manual grading of meta→ training data
- 3. Tool automate grading
- 4. 1.0 +/- from Meta’s benchmark

Solving technical problems

A. Getting around normativity for scoring
B. Getting around normativity for offering a RELATIVE score
    a. Being careful when writing about this, but yes
    b.
C. JESSSE SIDE RANT
    a. How do we tie decision making to things like algorithm or product use, but also, to who is authorizing the record keeping about which topics?
    b. How do we get people with power on the hook for the decisions they make or authorize?

https://github.com/ArnavSatish

Meta 2024 Data Index