

# Product Overview

Services related to Listed Company ESG Information

DATAZORA, Inc.

# ESG Data Service Overview

## KIJI API

Corporate News Release API for all companies listed on the Tokyo Stock Exchange. News Release URL, headlines, and announce dates generated from thousands of public corporate IR and PR pages, including events not found on TDnet or EDINET. Currently Japanese only.

WEB UI also available for some data.

## ESG REPORT API

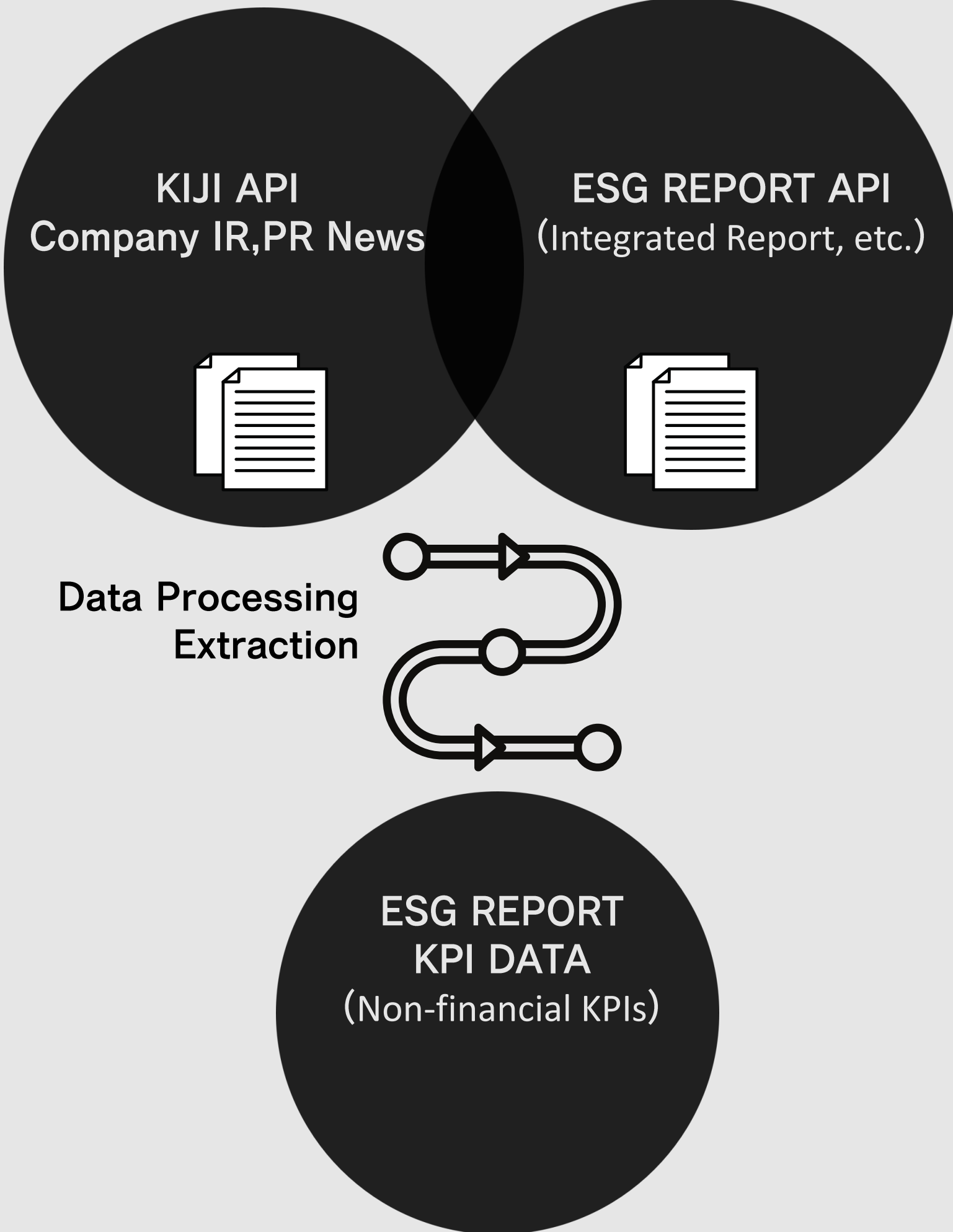
Integrated report and sustainability report filings API for companies listed on the Tokyo Stock Exchange.

WEB UI also available.

## ESG REPORT KPI DATA

Non-financial ESG KPIs extracted from unstructured Integrated Reports and Sustainability filings. Comprehensive KPI coverage enabling bespoke ESG score calculations.

Available in CSV, API (JSON format) and WEB UI.



# KIJI API

Target Universe : Public Companies listed on the TSE

Coverage : 99%+ of Public Companies listed on the TSE

URL Coverage : Public/Private company homepages, IR, and PR news releases (Currently Japanese only)

History (Point-in-time) : 2021/12/31 ~

API Response Fields :

- Announce Date
- News Release URL
- Headline
- Event Types Auto-generated from Headlines

Event count : 50,000 events/month

ESG-specific API (KIJI ESG API) access also offered.

The information that can be obtained via the KIJI ESG API is also available in the WEB UI.

# KIJI API

## Sample Response

```
{
  id: number          // 57983387
                      // event ID
  hash: string        // "b4d3034c-b00c-3725-9bcf-379e04541b55"
  created_at: string  // "2021-07-29T10:02:31.640Z" event retrieval time(UTC)
  date: string        // "2021年7月29日"
  tags: [             // event tags auto-generated from headline
    {
      id: number       // 235  event tag ID
      name_jp: string  // "排出量"  event tag (Japanese)
      name_en: string  // "Emissions"  event tag (English)
      importance: number // 5  auto-generated 5-point importance score
    }
  ]
  headline: string    // "福井県内事業所の電力由来CO2排出量ゼロの実現について" headline
  link: string        // "https://www.nicca.co.jp/topics/company/658.html"
  max_importance: number // 5  max event type importance
  document_downloaded : boolean // true (true if PDF/HTML downloaded)

  normalized_date: string // "2021-07-29" announce date
  company: {
    ticker: string      // "4463" 4-digit Japanese ticker code
    name_jp: string     // "日華化学" company name (Japanese)
    name_en: string     // "NICCA CHEMICAL CO.,LTD." company name (English)
    tse_industry: {
      id : string       // "3200" TSE industry code
      industry_name_en: string // "Chemicals" industry (English)
      industry_name_jp: string // "化学"  industry (Japanese)
    }
  }
}
```

# ESG REPORT API

Integrated Report and Sustainability Filing Reference Data by filing year for TSE Public Companies

Coverage : Approximately 1,000 Public Companies listed on the TSE, 2019 onwards

## API Response Fields

- Ticker
- Announce Date
- Filings Type (Integrated Report, ESG Report, etc.)
- Headline
- Filing URL
- Filing Fiscal Year

Coverage can be increased upon request

Available in WEB UI as well as API

# ESG REPORT API

## Sample Response

```
[
  {
    "date": "2021/12/22",
    "type": "esg",
    "title": "相鉄ホールディングス CSR報告書2021",
    "year": 2021,
    "url": "https://cdn.sotetsu.co.jp/media/2021/csr/2021-csr-report.pdf",
    "company": {
      "銘柄コード": "90030",
      "ISIN": "JP3316400005",
      "英文商号": "Sotetsu Holdings,Inc.",
      "商号": "相鉄ホールディングス"
    }
  },
  {
    "date": "2022/03/24",
    "type": "ir",
    "title": "DMG 森精機 統合報告書2021",
    "year": 2021,
    "url": "https://www.dmgmori.co.jp/corporate/ir/ir_library/pdf/2021_ar_j.pdf",
    "company": {
      "銘柄コード": "61410",
      "ISIN": "JP3924800000",
      "英文商号": "DMG MORI CO.,LTD.",
      "商号": "DMG 森精機"
    }
  }
]
```

# ESG REPORT KPI DATA

Non-financial ESG and Sustainability KPI Data extracted from Integrated Reports and Sustainability Filings

**Coverage** : Approximately 1,000 Public Companies listed on the TSE、 2019 onwards

**Delivery** : CSV (via cloud storage or email), API (JSON format), and WEB UI

**Target Reports** : Integrated Reports, Sustainability Reports, Environmental Reports, CSR Reports, Sustainability Web Pages

## **Paid POC Sample Data**

Coverage : 100 Japanese Public Equities

Filings Year : 2021

Event Count : 24,005 (Including Past Data) \*

7,683 individual KPIs(Non-normalized) \*

\* As of March 2022

# ESG REPORT KPI DATA

## ESG KPI Data Snapshot

Ibiden <https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf>

| ticker | company_name | source  | page_number | filing_year | kpi_raw_name            | val_type | kpi_year | value  | unit |
|--------|--------------|---|-------------|-------------|-------------------------|----------|----------|--------|------|
| 4062   | イビデン         | <a href="https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf">https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf</a> | 29          | 2021        | 女性管理職比率(%)              | 実績       | 2019     | 0.62   | %    |
| 4062   | イビデン         | <a href="https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf">https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf</a> | 29          | 2021        | 労働災害度数率イビデン国内事業場        | 実績       | 2019     | 1      | %    |
| 4062   | イビデン         | <a href="https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf">https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf</a> | 29          | 2021        | 労働災害度数率イビデンおよび国内グループ会社  | 実績       | 2019     | 0.82   | %    |
| 4062   | イビデン         | <a href="https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf">https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf</a> | 29          | 2021        | 労働災害度数率全産業              | 実績       | 2019     | 1.8    | %    |
| 4062   | イビデン         | <a href="https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf">https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf</a> | 29          | 2021        | 再生可能エネルギー発電量 (MWh) 太陽光他 | 実績       | 2019     | 16776  | MWh  |
| 4062   | イビデン         | <a href="https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf">https://www.ibiden.co.jp/ir/items/2021IntegratedReportA3.pdf</a> | 29          | 2021        | 再生可能エネルギー発電量 (MWh) 水力発電 | 実績       | 2019     | 166334 | MWh  |



# Company Profile

|                |   |
|----------------|---|
| Company Name   | DATAZORA, Inc.  |
| Founded        | 2020/8  |
| Representative | Aram Zinzalian  |
| Business       | Data Processing • Data Analysis • Software  |
| Summary        | <a href="http://www.datazora.com">www.datazora.com</a> <a href="mailto:info@datazora.com">info@datazora.com</a>                 |
| HP Contact     | Mizuho  |
| Primary Bank   | Akasaka 4-7-6, Minato, Tokyo  |
| Address        | JPX Market Innovation & Research, Inc. (Japan Exchange Group), Mizuho   |
| Customers      | Securities, Toyo Keizai, Uzabase UBDatatech, Nomura Asset Management,<br>Largest Economic Research and Consulting Firm in Japan |

# Management Team

We are an international team of software engineers and statisticians with deep experience in quantitative finance and data analytics.

CEO Representative Director

Aram Zinzalian

**Stanford University**

BS Mathematical and Computational Science, MS Statistics

**Two Sigma Investments**

Quantitative Researcher

**Deep Data Research**

Co-founder

CTO Director

Dylan Castine

**Gamesight**

Senior Software Engineer, First Employee

Gaming Company Marketing Analytics