ESG Booster Data Flow Diagram

ESG Data from Refinitiv, Sustanalytics, Orenda

Start → **LOGIN**

Pass Username & Password → **Call Auth API**

Validate User → **User Data Store**

Success response → **View Portfolio List and Insights**

Get Data → **Call Portfolios API & all-portfolio-insights API**

External Data Store

Datalake

Investable Universe
- ESG Master
- Social Positioning
- ESG Historical
- Company Data

- News Data
- Sustainability Report
- Forecasting
- Benchmark
- Network Analysis
- Outlier

Get Data → **Call Portfolios Company API** → **View Specific Portfolio Dashboard**

Get Data → **Pass Company ISIN in API** → **View Specific Company Data**

View Simulation Feature → **Pass Portfolio and Investable Universe Data in API**

Get Data → **External Data Store**

Table Info

1. **Benchmark** - Benchmark data for various indexes.
2. **Company card data** - company data created via web scrapping.
3. **ESG EOD socialpositioning** - EOD social positioning data of the company in their category calculated using Orenda data.
4. **esg hist co2** - historical co2 emissions data
5. **ESG InfoDS1** - ESG data for data source 1
6. **ESG InfoDS2** - ESG data for data source 2
7. **ESG Master info** - mapping for both the Data sources
8. **ESG Weighted Scores** - ESG weighted Scores
9. **Investable Universe** - Created using latest records from both Data sources, and company data
10. **News data agg month** - news data aggregated scores monthly from Ravenpack
11. **News data agg year** - news data yearly aggregated scores
12. **News data filtered top5** - top 5 news articles for each ISIN based on the sentiment score and date
13. **Peer Avg score Best100** - best 100 peer average scores using Orenda data.
14. **Peer Avg scores DS1** - Peer average scores for data source 1
15. **Peer avg scores DS2** - peer average scores for data source 2
16. **Social positioning weighted scores** - weighted social positioning scores

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