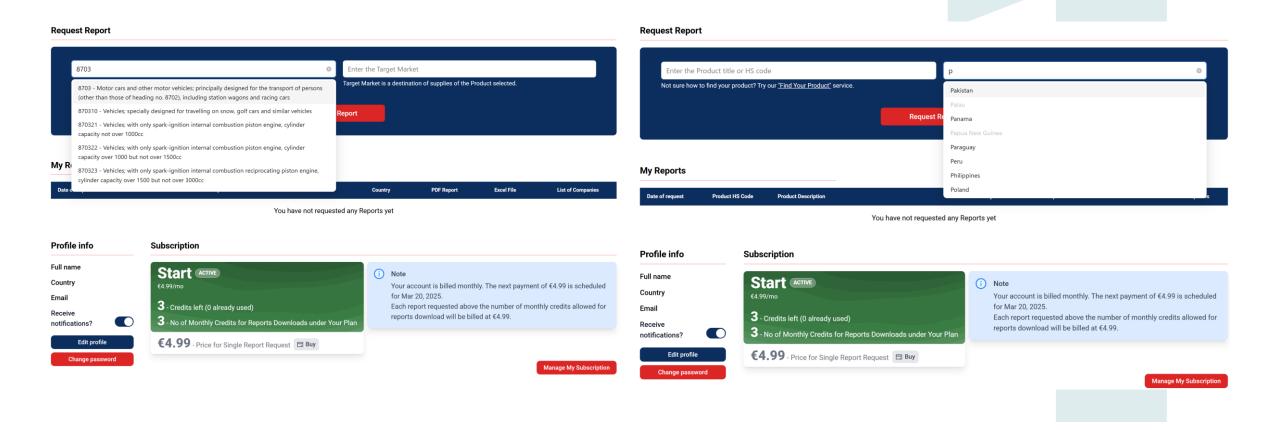
GTAIC Global Trade Algorithmic Intelligence Center

GTAIC

Platform features

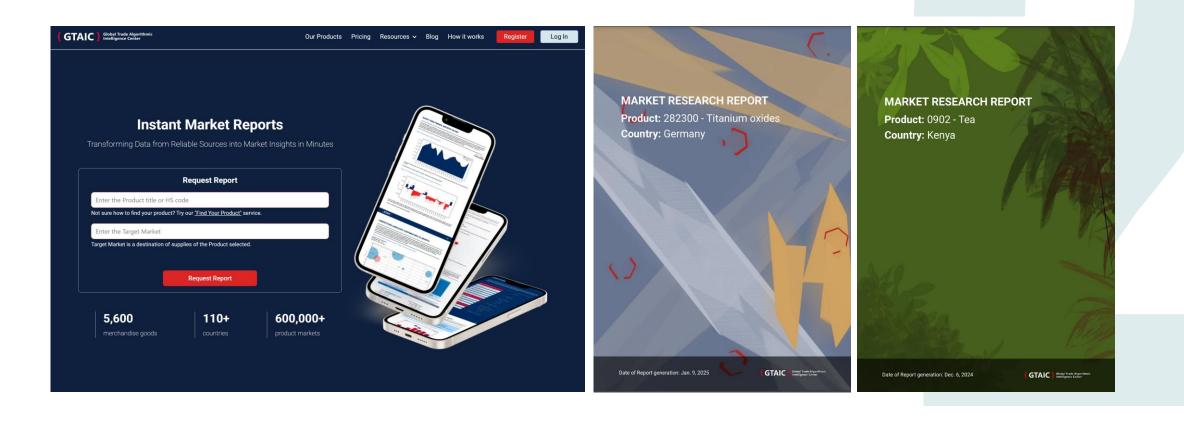


The GTAIC service captures data on international trade for 5,600+ products in 110+ countries





In total, the service can produce market reports on 600,000+ goods markets





All types of merchandise goods are covered

Commodities

Industrial goods

Consumer goods

e.g. Rice

e.g. Pumps

E.G. Kitchen furniture

Intermediate goods

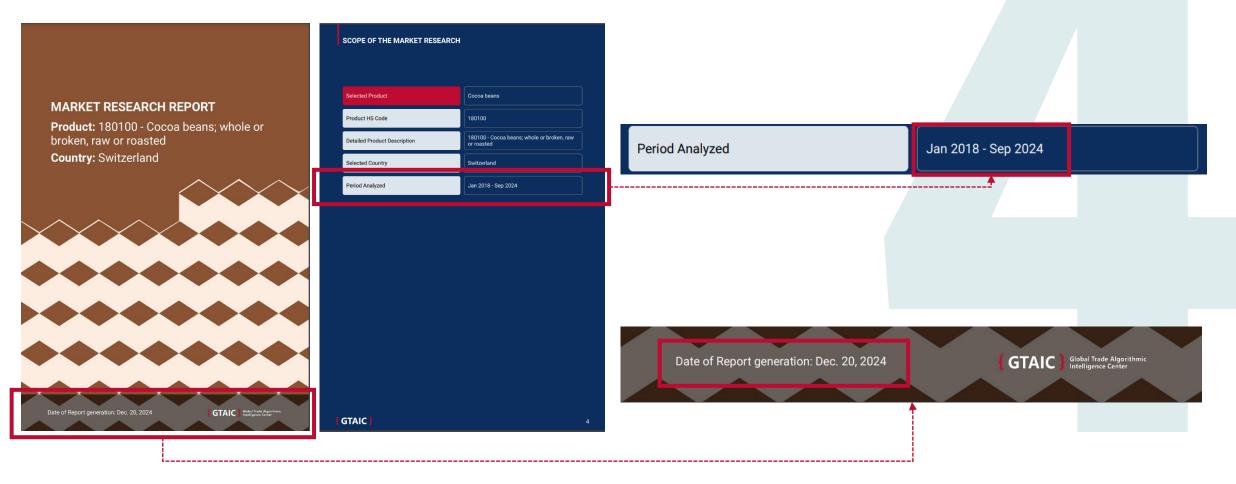
Final products

e.g. Lithium Batteries

e.g. Electric Vehicles



For most markets, the data in the reports is just 2-3 months behind the date of report request





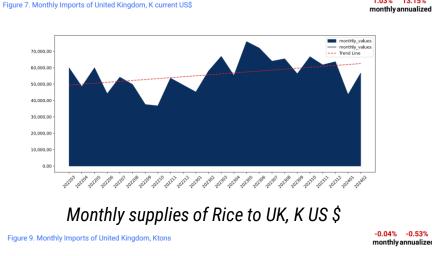
The GTAIC reports include valuable data on monthly dynamics of all key market parameters

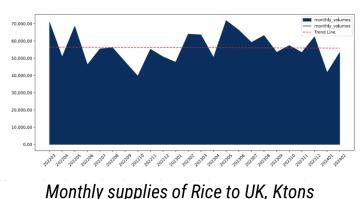
Volumes of international supplies

IN \$-TERMS

Volumes of international supplies

IN TONS

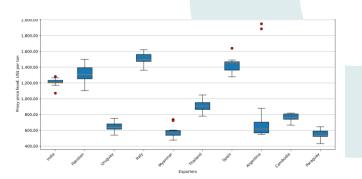




Average level of proxy prices on imports



Average Monthly Proxy Prices on Imports of Rice to UK, US \$ per 1 ton



Monthly Proxy **Prices on Imports** of Rice to UK, US \$ per 1 ton, per supplying countries



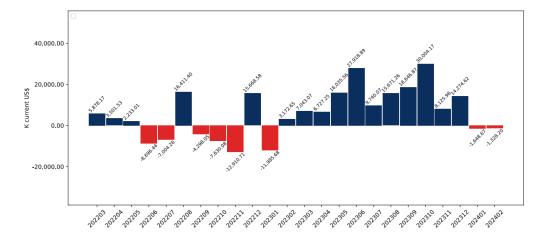
The service allows tracking most recent short-term market developments for these parameters

Volumes of international supplies

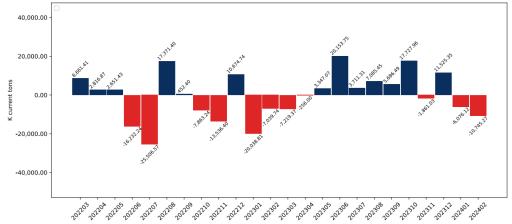
IN \$-TERMS

Volumes of international supplies

IN TONS



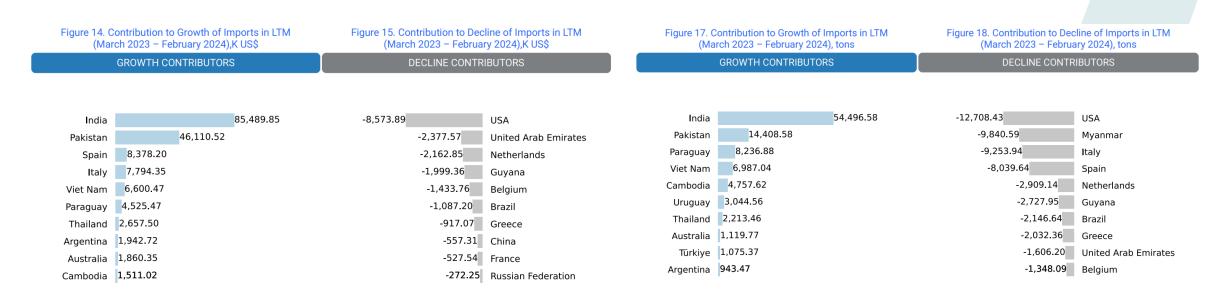
Y-o-Y Monthly Level Change of Imports of Rice to the United Kingdom, K current US\$



Y-o-Y Monthly Level Change of Imports of Rice to the United Kingdom, K tons



The information in the GTAIC reports allows monitoring changes in competition, identifying most growing and most declining suppliers



Total imports change in the period of LTM was recorded at 151,210.85 K US\$.

Total imports change in the period of LTM was recorded at 43,079.63 tons

Top-10 countries with positive and negative contribution to the growth of imports of Rice to United Kingdom in the period of LTM (March 2023 – February 2024 compared to March 2022 – February 2023) in US \$-terms (on the left) and in tons (on the right).



The GTAIC reports can be easily used as a tool to make comparisons across different countries, regions and products

Importing Country	Last month reported	Share of the country in global imports in 2023	CAGR 5Y (\$)	Trend 24m (\$), annualized rate	Imports in LTM, M\$	LTM growth rate (\$)	6-month growth rate (\$)	Largest Supplier- Contributor to imports growth	Growth of imports from Largest Contributor, M\$	
Brazil	Mar 24	1%	147,64%	156,85%	1 181	323,80%	565,77%	China	+793.7	
Türkiye	Feb24	2%	259,33%	417,33%	2 820	309,76%	260,72%	Germany	+933.8	
Malaysia	Mar 24	0%	267,34%	506,28%	855	197,09%	152,28%	China	+374.2	
India	Nov 23	0%	50,75%	520,54%	239	232,00%	130,64%	Germany	+101.5	
Italy	Jan 24	3%	76,94%	102,34%	3 277	116,91%	108,38%	Poland	+414.7	
Denmark	Mar 24	3%	97,02%	88,75%	3 488	76,45%	70,66%	Netherlands	+479.3	
Portugal	Jan 24	2%	32%	79,29%	1 666	107,70%	66,62%	Spain	+389.5	
USA	Mar 24	16%	86,15%	64,72%	20 600	66,47%	47,42%	Mexico	+2 451.1	
Finland	Jan 24	2%	94,56%	57,58%	1 754	77,02%	44,44%	Germany	+327.1	
Australia	Mar 24	3%	101,32%	100,34%	3 974	89,63%	37,71%	China	+1 085.4	
Israel	Feb24	2%	142,12%	61,36%	2 101	42,88%	29,78%	China	+582.5	
Canada	Mar 24	5%	50,42%	18,84%	6 855	32,61%	28,77%	China	+1 667.8	
China	Dec 23	2%	4,79%	52,78%	2 226	54,06%	19,24%	USA	+675.4	
UK	Feb 24	13%	85,86%	23,08%	14 428	30,14%	8,36%	Germany	+1 469.3	
Japan	Mar 24	2%	90,37%	34,29%	1 686	41,90%	-8,82%	USA	+199.5	
Netherlands	Feb 24	4%	19,45%	30,01%	4 251	49,29%	-9,23%	Germany	+696.2	
Belgium	Feb 24	6%	90,56%	25,37%	5 725	34,53%	-11,37%	Germany	+883.9	
Switzerland	Mar 24	3%	47,47%	21,99%	2 911	26,54%	-12,48%	Germany	+238.9	
Sweden	Feb 24	4%	65,62%	13,87%	4 850	20,67%	-16,00%	Netherlands	+257.1	
Spain	Feb 24	4%	80,65%	60,57%	4 495	58,24%	-16,25%	China	+648.2	
Germany	Feb 24	13%	75,12%	15,29%	14 682	23,82%	-20,47%	China	+2 188.7	
Ireland	Feb 24	1%	75,47%	29,71%	946	29,51%	-22,73%	China	+277.5	
Norway	Mar 24	5%	15,75%	-28,14%	4 218	-40,99%	-60,55%	Japan	+202.6	

Benchmarking of key Electric Vehicles Markets based on parameters from GTAIC reports



The service can be easily applied to follow the recent developments in the product markets through the entire value chain

The case of Electric Vehicles Market:

Finished Product: Electric Vehicles

Report Request from GTAIC:

- The Market of Electric Vehicles in Germany, which is attributable for 13% of global trade
- Component (L1): Lithium-Ion Batteries

Report Request from GTAIC:

- The Market of Lithium-Ion Batteries in Germany (one of the key components for manufacturing of Electric Vehicles)
- Component (L2): Lithium-Carbonate

Report Request from GTAIC:

• The Market of Lithium-Carbonate in China (one of the key components for manufacturing of Lithium-Ion Batteries, while China is the major supplier of Batteries to Germany)

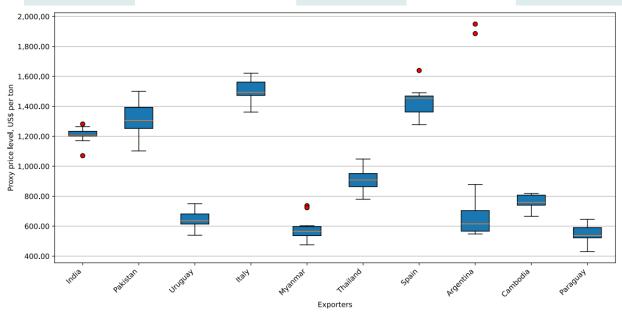


The GTAIC service can also be used as a trade anomalies and arbitrage opportunities detection tool

Being based on recent data, GTAIC service can help users to timely identify opportunities for trade arbitrage through anomalies revealed in reports.

Big data used for reports preparation (dozens of terabyte of data) allows the users to identify the anomalies in market statistics, which can create arbitrage opportunities or provide valuable information for equity research and similar activities.

The chart shows distribution of proxy prices on imports for the period of LTM (03.2023-02.2024) for Rice exported to United Kingdom by largest suppliers. Red dots represent unusually high or low values (i.e., outliers), which are not included in the box plot.





The focus in the reports is made on the most recent data. Being an automated tool, it allows for frequent update of data

As soon as a user has submitted a request for a report, **GTAIC service immediately starts collecting most recently available raw data** from original data sources.

Since the original data bases used can be updated daily, each request gets only the most recent and relevant data exactly at the moment of request.







The task of data reliability is put on top – only reliable and trusted official statistics is used to prepare the reports

Focus on using the latest official raw data

- A notable feature of the platform is its focus on using the latest official monthly raw data, which has not been processed or aggregated by other platforms. This makes the data the GTAIC service delivers extremely reliable and accurate.
- By doing that, the GTAIC service strives for delivering the most realistic and recent market data possible.
- For instance, if we consider a section of a report on foreign trade delivered by the GTAIC service, the data comes directly from the UN Comtrade database, which is considered the most comprehensive trade database available with more than 1 billion records.
- The GTAIC service operates only monthly trade statistics in order to deliver the most recent numbers to capture trends that are as much close to the present as possible.

However, operating at the level of monthly data causes a lot of complications related to data quality. In most cases, the data may be inconsistent, erroneous, full of outliers, or of poor quality and incomplete.

Since low quality of data is a common problem for most datasets, how does the GTAIC service deal with it?



Employment of ML algorithms

- The GTAIC service has been designed to successfully address most of problems surrounding market data.
- With the central idea to preserve as much market data in datasets as possible, the service employs the most efficient statistical tools to clean the data for further analysis.
- These tools have been carefully selected and configured to best suit the type of data being used. They also demonstrated superior performance in our in-house data lab tests.
- The GTAIC service doesn't employ any opaque AI technologies, which look like a "black box" systems that can't explain
 themselves or why they are operating in a certain way. Instead, the service uses advanced supervised machine learning
 algorithms that were tuned specifically for handling complex multi-factor problems in the realm of international economics.
 This combines a sophisticated approach to analyzing and interpreting data in international business with traditional methods
 used in the field of business economics.
- Once the data have been processed by a set of algorithms, the GTAIC service applies a number of analytical tools to extract information about market, meaningful patterns and relationships.
- These insights are essential for understanding the development of international business, including factors such as trade dynamics, economic policies, market behavior, and more.
- Specifically, users benefit from gaining information on market volumes and sizes, demand and supply characteristics, macroeconomic risks and entry barriers, short-term and long-term trends, competition, prices, potential market capacity, as well as on general economic development of a countries.



The service is easy to use

STEP 1

Choose the Product

GTAIC uses goods classification under Harmonized System by WCO – you can choose any 4 or 6–digit code out of 5,600+ goods.

Request Report



STEP 3

Clique the button "Request Report"

Once we have cliqued the button "Request Report", GTAIC service starts the process of report preparation by sending the request for the latest available data from UN Comtrade.

Request Report

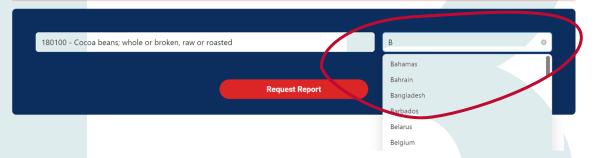


STEP 2

Choose the Country

GTAIC can construct report on any country that submits trade statistics to UN Comtrade, subject that this data is consistent and considered reliable by imbedded ML algorithms.

Request Report



STEP 4

Now be patient while GTAIC is working on your Report

Normally, it takes several minutes for GTAIC to prepare the report, depending on the load of UN Comtrade and the quality of statistics data available.

y Reports								
DATE OF REQUEST	PRODUCT HS CODE	PRODUCT DESCRIPTION	COUNTRY	STATUS				
Apr 13, 2024	180100	Cocoa beans	Belgium	Under process				
Apr 05, 2024	870380	Electric motor vehicles	USA	Ready				
Apr 03, 2024	870380	Electric motor vehicles	Malaysia	Ready				



Normally, it takes up to 5 minutes to prepare the 50+ pages report plus supporting files with trade data and companies information

STEP 5

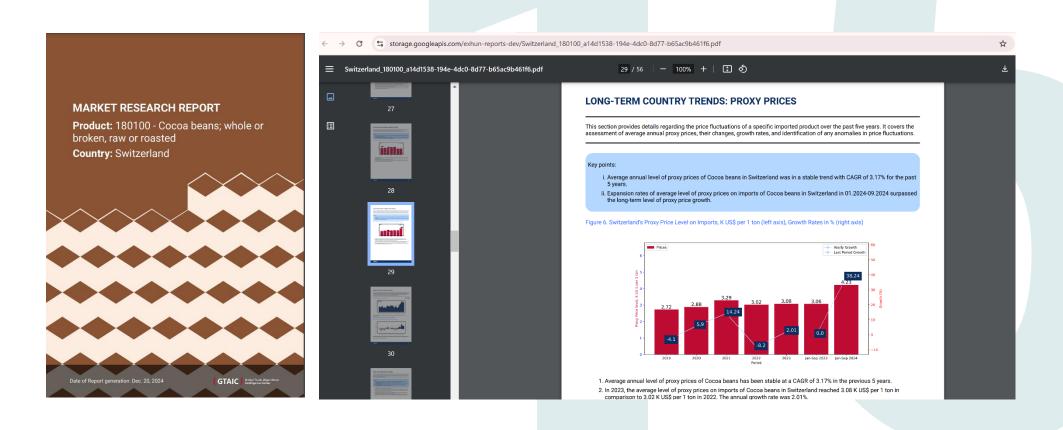
Clique the button "Download" to get your Report and Supporting Files

Once the status is changed to "Download", you can download the Report in pdf, together with the Excel file with all the data from the Report, and Data on Companies involved in the production of the analyzed product, including potential major competitors in the target market.

My Reports						View All My Reports	
Date of request	Product HS Code	Product Description	Country	PDF Report	Excel File	List of Companies	
Feb 12, 2025	2703	Peat	Kuwait	Download PDF	■ Download XLSX	■ Download XLSX	>
Feb 12, 2025	2703	Peat	Malaysia	Download PDF	■ Download XLSX	■ Download XLSX	
Feb 12, 2025	2703	Peat	Ireland	Download PDF	■ Download XLSX	■ Download XLSX	

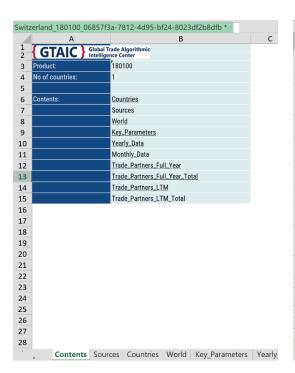


The report in pdf-format and can be easily saved, shared or used otherwise with proper reference to GTAIC.





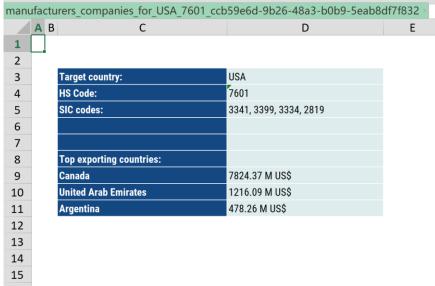
An Excel version of the data is provided, enabling users to conduct further analysis or research

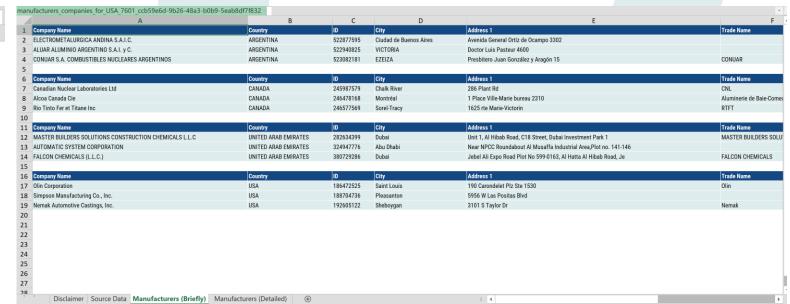


A	В	С	D	E	F	G	Н	1	J	К	L	M	N	0	Р	Q.
Monthly Imports, k USD	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 20
Switzerland	14 273,3	14 768,6	11 001,6	17 570,8	11 101,2	12 426,0	10 214,2	13 653,0	18 020,9	15 706,4	14 193,2	18 595,7	16 552,2	17 398,6	9 355,7	15 692
Total	14 273,3	14 768,6	11 001,6	17 570,8	11 101,2	12 426,0	10 214,2	13 653,0	18 020,9	15 706,4	14 193,2	18 595,7	16 552,2	17 398,6	9 355,7	15 692
Monthly Imports, tons	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 20
Switzerland	5 067,7	4 957,2	3 555,3	5 927,8	3 634,3	4 055,9	3 334,8	4 421,8	5 942,9	5 165,6	4 510,3	6 029,7	5 412,5	5 555,6	2 771,1	4 027
Total	5 067,7	4 957,2	3 555,3	5 927,8	3 634,3	4 055,9	3 334,8	4 421,8	5 942,9	5 165,6	4 510,3	6 029,7	5 412,5	5 555,6	2 771,1	4 027
Y-c-Y Monthly Level Change of Imports, k USD	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 20
Switzerland	877,5	-1 852,2	-4 383,9	2 435,7	-1 875,9	-3 300,2	1 709,9	149,9	4 747,1	821,2	350,2	1 746,5	2 278,9	2 630,1	-1 645,8	-1 878
Total	877,5	-1 852,2	-4 383,9	2 435,7	-1 875,9	-3 300,2	1 709,9	149,9	4 747,1	821,2	350,2	1 746,5	2 278,9	2 630,1	-1 645,8	-1 878
Y-o-Y Monthly Level Change of Imports, tons	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 20
Switzerland	1 001,2	-219,9	-1 245,7	1 366,3	-378,1	-1 030,6	578,1	285,0	1 382,7	-141,8	-68,1	37,3	344,7	598,4	-784,2	-1 900
Total	1 001,2	-219,9	-1 245,7	1 366,3	-378,1	-1 030,6	578,1	285,0	1 382,7	-141,8	-68,1	37,3	344,7	598,4	-784,2	-1 900
Average Monthly Imports Prices Level, USD per 1 ton	Oct 2022	Nov 2022	Dec 2022	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 20
Switzerland	2 816,5	2 979,2	3 094,4	2 964,1	3 054,5	3 063,7	3 062,9	3 087,7	3 032,4	3 040,6	3 146,8	3 084,0	3 058,2	3 131,7	3 376,2	3 896
Total	2 816,5	2 979,2	3 094,4	2 964,1	3 054,5	3 063,7	3 062,9	3 087,6	3 032,4	3 040,6	3 146,8	3 084,0	3 058,2	3 131,7	3 376,2	3 896
Contents Sources	Countries Wor	1d Key Paran	neters Yearly	Data Month	ly Data Tra	de Partners Fu	ıll Year - Tra	de_Partners_F .	(+) : 4							þ.



Data on Companies involved in the production of the analyzed product is also provided with the Report, downloadable in excel





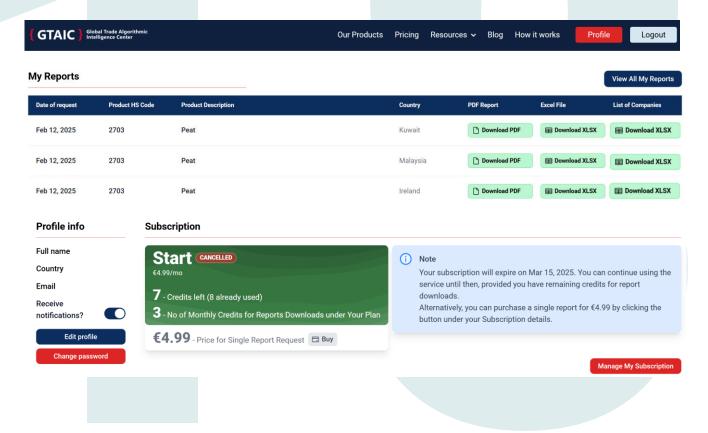
The information provided in this table is based on data compiled by BoldData



The User's Account with the reports requested remains accessible for 1 year, even in case of cancellation of the subscription

Each requested report is available in the User's account for 1 year after the date of request.

The User's Account is accessible for 1 year even in case the User has cancelled his or her subscription with GTAIC.





With GTAIC pricing policy, quality analytics is made affordable for large audience, including small businesses

START

1 report monthly

Reports not requested under monthly quota are saved for future downloads

4⁹⁹ EUR / month

Billed monthly Cancelled anytime

ADVANCED

10 reports monthly

Reports not requested under monthly quota are saved for future downloads

39⁹⁹ EUR / month

Billed monthly Cancelled anytime

BUSINESS

30 reports monthly

Reports not requested under monthly quota are saved for future downloads

99⁹⁹ EUR / month

Billed monthly Cancelled anytime

Depending on the subscription plan chosen the cost of the single report (like the one on the Market of Electric Vehicles in Germany) is just 3-5 Euro, including VAT.

4⁹⁹ EUR

T LUK

3³³ EUR

PRICE PER ONE REPORT

PRICE PER ONE REPORT

EUR

PRICE PER ONE REPORT

2 FREE monthly bonuses are provided under START



Monthly billing for the service is available for all types of users, with no need to pay for costly yearly packages

The START subscription plan by GTAIC costs just 4.99 Euro monthly, including VAT or sales tax, allowing for 3 reports, while most market research services offer yearly packages starting from 2,000 Euro paid in advance.

START

1 report monthly

Reports not requested under monthly quota are saved for future downloads

4⁹⁹ EUR / month

Billed monthly Cancelled anytime

ADVANCED

10 reports monthly

Reports not requested under monthly quota are saved for future downloads

39⁹⁹ EUR / month

Billed monthly Cancelled anytime

BUSINESS

30 reports monthly

Reports not requested under monthly quota are saved for future downloads

99⁹⁹ EUR / month

Billed monthly Cancelled anytime

+2 FREE monthly bonuses are provided under START



Safe payments are made with Stripe, the GTAIC service does not collect, store or otherwise use the sensitive data of the users

All payments for the GTAIC service are made with Stripe – a global technology company that builds economic infrastructure for the internet payments, trusted by millions of companies globally.

stripe



Personalized Solutions can be available fit to the specific request of corporate users

We offer **Personalized Solutions** to our corporate clients based on their projected load of the service.

Enhanced analytical support through customized market research reports tailored to specific needs.

API and white label solutions can be discussed upon request.



Billing and invoicing is under EU legislation and is aligned with the specific requirements related to the country of residence of users

Both individuals and firms can use the service with no limitations.

The billing and invoicing processes are provided via Stripe and are aligned to fit the specific requirements of the country of residence of the users in terms of taxation.



We see our mission in offering a quality data-science tool for market analysis and forecasting

The ultimate goal of the service is to provide users with a quick and easy access to up-to-date market data, forming a solid foundation for market analysis and forecasting.

We also believe that **removing price barriers** for individual researchers, employees and small businesses will help to **unleash the power of data for better business decision making**.



Contact us

GTAIC service is indeed **Global**, it's all about **Trade**, and is based on **Intelligence Algorithms** of data analysis.

It is developed and supported by a **team of enthusiasts in economics, statistics, market research, and IT**, who love figures,
respect mathematics and statistics, and have prepared a great
number of market and economic research before.

E-mail us at sales@gtaic.ai in case of any questions.

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