

GTI-WOODBASED PANEL (GTI-WBP) REPORT

MONTHLY

GGSC-No.05/2026

Tracking and monitoring the global woodbased panel market trend.



全球林产品绿色供应链倡议
GLOBAL GREEN SUPPLY CHAINS INITIATIVE



The pilot countries for the GTI-WBP index include Indonesia, Malaysia, Thailand, Gabon, Republic of the Congo, Ghana, Brazil, Mexico, Ecuador, and China. In 2024, the total production of woodbased panel in the ten countries mentioned above was 218 million cubic meters, accounting for **52.3%** of the total global production volume of woodbased panel.

Introduction to the GTI-Woodbased Panel

GTI-Woodbased Panel (GTI-WBP), a specialized prosperity index for woodbased panel industry, reflecting the development trend of woodbased panel industry in all GTI pilot countries.

Calculation Method

The GTI-WBP index takes leading woodbased panel enterprises in GTI pilot countries as the survey objects. Each month, the enterprises need to fill the GTI index questionnaire, including the information of production, orders and export, employees, logistic, etc. Then the GTI-WBP index will be calculated and analyzed, and the report will be released at the middle of the following month.

GTI-WBP index contains diffusion index and comprehensive index.

1. GTI-WBP diffusion index. There are 11 diffusion indices (or called sub-indices) based on the data from 11 objective questions which covers production, new orders, new export orders, existing orders, inventory of products, purchasing quantity, purchasing prices of main raw materials, inventory of raw materials, employees, delivery time, and market expectation. The diffusion index is calculated by adding the percentage of enterprises with positive answers to half of the percentage with unchanged answers.

2. GTI-WBP comprehensive index. GTI-WBP comprehensive index (GTI-WBP index for short) is calculated based on five diffusion indexes with different weights: production, new orders, inventory of raw material, employees, delivery time. The five diffusion indexes and their weights are determined according to their influence on the industrial economy.

Interpretation

The value of the index is between 0-100%, and 50% is the critical value of the index. GTI-WBP index reading above 50 percent indicates that the industry prosperity is generally expanding; below 50 percent indicates that it is generally declining.

Survey Method

With the support of The International Tropical Timber Organization (ITTO), the GTI platform has set up focal points in pilot countries, including timber producing and consuming countries.

At the end of each month, major leading woodbased panel enterprises are organized by focal points to fill out survey questionnaires. The questionnaire is usually filled out by the person in charge of production and operation or personnel from the statistics department. The Global Green Supply Chains Initiative (GGSC) organizes experts to analyze the collected data and prepare the GTI-WBP index report.

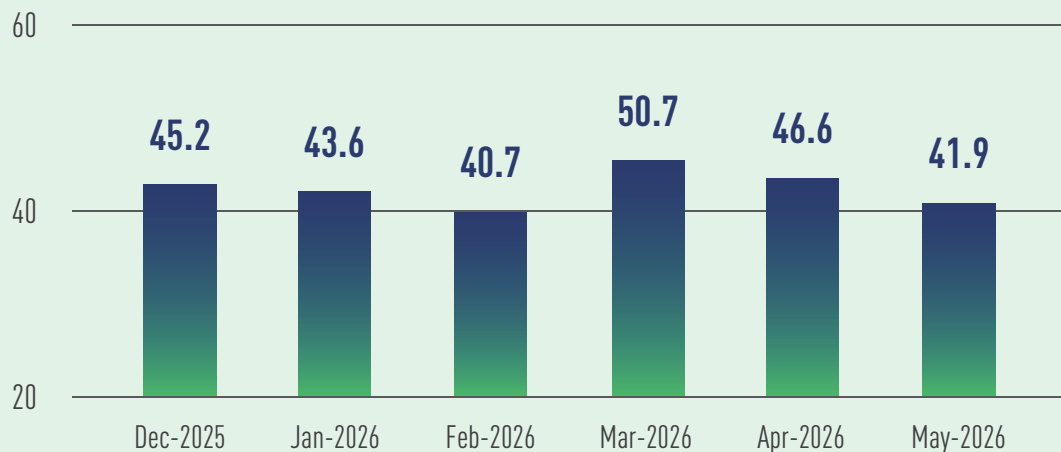
Index Representativeness

The pilot countries for the GTI-WBP index include Indonesia, Malaysia, Thailand, Gabon, Republic of the Congo, Ghana, Brazil, Mexico, Ecuador and China. In 2024, the total production of woodbased panel in the ten countries mentioned above was 218 million cubic meters, accounting for 52.3% of the total global production volume of woodbased panel.

GTI-Woodbased Panel Index in May 2026



GTI-WBP Comprehensive Index (%)



In May 2026, the GTI-Woodbased Panel (GTI-WBP) Index registered 41.9%, a decrease of 4.7 percentage points from the previous month and below the critical value (50%) for two continuous months, indicating that in the pilot countries, the overall business prosperity of wood-based panel industry represented by the index shrank from the previous month.

On the demand side: The overall performance of the wood-based panel market was sluggish this month. The new orders index stood at 40.6%, down 8.6 percentage points from the previous month and remaining in contraction territory below 50%. The export orders index came in at 39.6%, a decrease of 5.9 percentage points, while the existing orders index fell 4.3 percentage points month-over-month to 38.9%. Hit by high trade tariffs and the global downturn in construction and real estate, demand in the wood-based panel market had weakened. Meanwhile, conflicts in the Middle East had driven up costs and pushed panel prices higher in many countries, thus further dampening consumer willingness to buy.

On the supply side: The production index registered 39.1%, down 8.2 percentage points from the previous month and remaining in contraction territory for the second consecutive month, indicating continued declines in overall production capacity. Facing pressures from rising costs and shrinking market demand, many wood-based panel manufacturers adopted cautious production strategies. The inventory index of

finished products rose to 55.6%, up 9.8 percentage points from the previous month and moving above the 50% critical value, signaling that overall supply exceeded demand in the wood-based panel market this month, with inventory once again on the rise.

From the price perspective: The purchase price index for raw materials recorded 62.1%, a drop of 8.1 percentage points from the previous month, yet it had remained above the critical 50% level for several consecutive months, indicating that prices for logs and other related raw materials continue to trend upward. This month, enterprises in countries like China and Ecuador reported rising raw material prices, while enterprises in other pilot countries reported cost pressures related to energy, logistics, taxes and fees, labor, etc.

Main updates related to the wood-based panel market include: News from the GTI-Indonesia Focal Point reveals that the country's plywood export performance in May remained relatively stable compared with the previous month, with Asian market demand continuing to provide the main support for export growth — particularly for products used in construction and interior applications. From January to April, China's plywood exports rose 17.40% year-on-year, fiberboard exports increased 9.80%, and particleboard exports surged 111.10% year-on-year. Ghana's plywood export value reached €3.498 million in the first quarter, a sharp 119% increase from €1.601 million in the same period of 2025.

Table: Overview of GTI-WBP Sub-Indexes (%)

	Dec. 2025	Jan. 2026	Feb. 2026	Mar. 2026	Apr. 2026	May 2026	MoM	Performance
Comprehensive Index	45.2	43.6	40.7	50.7	46.6	41.9	-4.7 ↓	Contract
Production Index	44.7	44.8	37.7	52.7	47.3	39.1	-8.2 ↓	Contract
New Orders Index	44.1	43.8	39.1	53.5	49.2	40.6	-8.6 ↓	Contract
Export Orders Index	40.6	38.6	35.6	44.7	45.5	39.6	-5.9 ↓	Contract
Existing Orders Index	43.4	41.1	35.9	47.4	43.2	38.9	-4.3 ↓	Contract
Inventory Index of Finished Products	54.4	52.5	46.1	41.2	45.8	55.6	9.8 ↑	Expand
Purchase Quantity Index	46.4	45.1	36.4	49.0	46.3	43.5	-2.8 ↓	Contract
Purchase Price Index	62.5	56.3	51.7	64.4	70.2	62.1	-8.1 ↓	Expand
Inventory Index of Main Raw Materials	46.9	46.8	44.3	43.6	40.6	47.1	6.5 ↑	Contract
Employees Index	46.3	42.6	39.8	46.5	45.8	45.0	-0.8 ↓	Contract
Delivery Time Index	45.8	40.7	47.6	51.9	45.6	41.6	-4.0 ↓	Contract
Market Expectation Index	44.1	41.4	48.4	57.0	45.4	44.4	-1.0 ↓	Contract



Main Challenges Reported by GTI-WBP Enterprises

- Enterprises faced high tax pressure. (Republic of the Congo)
- There was a lack of wood suppliers. (Ecuador)
- Product price competition was fierce. (China)
- The procurement costs of raw materials needed for production were high. (Ghana)
- Fuel prices rose, and export tariffs increased. (Gabon)
- Despite having paid advance payments, the supplier failed to deliver as required. (Ecuador)
- Affected by fuel prices, production costs rose across the board, leading to a decline in orders. (Thailand)
- There were too many imported plywood products in the Sarawak market. The global construction market remained weak, and shipping space was not enough. (Malaysia)
- The Brazilian Institute for the Environment and Renewable Natural Resources (IBAMA) delayed the issuance of LPCO documents (Licenses, Permits, Certificates, and Other documents), which caused delays in export shipments. (Brazil)



Main Suggestions from GTI-WBP Enterprises

- Improve the homogenized competition situation of products. (China)
- Adjust the market prices of products. (Gabon)
- Promote trade and investment for the wood-based panel industry. (Ghana)
- Provide tax incentives by the government. (Republic of the Congo)
- Adjust policies to reduce imports of certain products. (Mexico)
- Seek suppliers with relevant environmental permits. (Ecuador)
- Suggest that IBAMA expedite its approval processes, thereby helping exporters improve efficiency and ensure predictability. (Brazil)
- Adjust production plans, strengthen cost control, enhance coordination to ensure a stable supply of raw materials, closely monitor the global situation, and explore alternative markets. (Malaysia)



ITTO
INTERNATIONAL TROPICAL
TIMBER ORGANIZATION

About ITTO

The International Tropical Timber Organization, ITTO for short, is an intergovernmental organization promoting the sustainable management and conservation of tropical forests and the expansion and diversification of international trade in tropical timber from sustainably managed and legally harvested forests. It located in Yokohama, Japan. At present, there are 76 ITTO members countries. ITTO's membership represents about 90% of the global tropical timber trade and more than 80% of the world's tropical forests.



全球林产品绿色供应链倡议
GLOBAL GREEN SUPPLY CHAINS INITIATIVE

About GGSC

Global Green Supply Chains Initiative (GGSC) is part of the Legal and Sustainable Supply Chains (LSSC) Programme, which was approved at the 53rd session of the International Tropical Timber Council for being included into the Biennial Work Programme (BWP) of International Tropical Timber Organization (ITTO). Launched in 2018 by leading Chinese enterprises in forest products industry, GGSC became an international initiative in 2019. Since then, GGSC has been acting as a global platform for serving the sustainable development of the forest products industry.

Declaration

GTI-WBP report is compiled based on the data provided by the woodbased panel enterprises in the pilot countries. The data can not be used in investment decision-making, but can help to understand the timber industry trend.

The data and intellectual property in the reports are owned by ITTO and GGSC Secretariat jointly. ITTO and GGSC Secretariat hereby grant you a limited, revocable, nonsubicensable license to access and display on your individual device the GTI report (excluding any software code) solely for your personal, non-commercial use. Without the permission from ITTO and GGSC Secretariat, you shall not copy, download, stream, capture, reproduce, duplicate, archive, upload, modify, translate, publish, broadcast, transmit, retransmit, distribute, perform, display, sell, or otherwise use any GTI report Content.

Contact Us

Ms. Sydney (Xuting) Gao

Director for Public Relations, GGSC Secretariat

✉ gaoxuting@itto-ggsc.org

Ms. Zuo Ping

Technical Assistant of Publicity Department, GGSC Secretariat

✉ zuoping@itto-ggsc.org