



Trade Overview 2020

Bamboo and Rattan Commodities
in the International Market



International Bamboo and Rattan Organization

The International Bamboo and Rattan Organization

Established in 1997, the International Bamboo and Rattan Organization (INBAR) is an intergovernmental organization that promotes environmentally sustainable development using bamboo and rattan. INBAR's mission is to improve the well-being of producers and users of bamboo and rattan within the context of a sustainable bamboo and rattan resource base, by consolidating, coordinating and supporting strategic and adaptive research and development. INBAR consists of 49 Member States, 4 Observers and 5 Regional Offices responsible for Central Africa, East Africa, West Africa, South Asia as well as Latin America and the Caribbean. In 2017, INBAR was granted Observer status at the UN General Assembly.

About this report

This report can be cited as: INBAR (2022) *Trade Overview 2020: Bamboo and Rattan Commodities in the International Market*. INBAR: Beijing, China.

Editors:

Wu Junqi, Chen Jiaojiao, Austin George Smith

Copyright and Fair Use

This publication is licensed for use under Creative Commons Attribution-Non-commercial-Share Alike 4.0 Unported Licence (CC BY-NC-SA 4.0).

To view this licence visit: <http://creativecommons.org/licenses/by-nc-sa/4.0/>

You are free to:

Share — copy and redistribute the material in any medium or format; and

Adapt — remix, transform, and build upon the material.

The licensor cannot revoke these freedoms as long as you follow the licence terms:

Attribution: You must give appropriate credit, provide a link to the licence, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licensor endorses you or your use.

Non-commercial: You may not use the material for commercial purposes.

Share Alike: If you remix, transform, or build upon the material, you must distribute your contributions under the same licence as the original.

No additional restrictions: You may not apply legal terms or technological measures that legally restrict others from doing anything the licence permits.

International Bamboo and Rattan Organization

P.O. Box 100102-86, Beijing 100102, China

ISBN: 978-92-95123-98-4

Tel: +86-10-6470 6161; Fax: +86-10-6470 2166

©2022 International Bamboo and Rattan Organization (INBAR)

Email: info@inbar.int

www.inbar.int

ACKNOWLEDGEMENTS

This report aims to collect, present and disseminate accurate and relevant statistical information on the global trade of bamboo and rattan commodities in 2020 in a clear, concise and reader-friendly format.

This report was funded by the Fundamental Research Funds of ICBR (Grant No. 1632022027). We also grateful to Dr. Chen Jiaojiao from the Institute of Green Economy, International Center for Bamboo and Rattan for the preparation of the report.

TABLE OF CONTENTS

Introduction.....	1
1 Codes and international trade trends for bamboo and rattan commodities	3
1.1 Commodity codes for bamboo and rattan	3
1.2 International trade trends for bamboo and rattan commodities	4
2 Global import and export trade for bamboo commodities	5
2.1 Global import and export trade market for bamboo commodities.....	5
2.1.1 Global export trade market for bamboo commodities.....	5
2.1.2 Global import trade market for bamboo commodities	8
2.2 Global trade structure of bamboo commodities	10
2.2.1 Global trade structure of bamboo articles of daily use	11
2.2.2 Global trade structure of bamboo tableware and kitchenware	12
2.3 Conclusions	13
3 Global import and export trade for rattan commodities.....	14
3.1 Global import and export trade market for rattan commodities	14
3.1.1 Global export trade market for rattan commodities	14
3.1.2 Global import trade market for rattan commodities.....	16
3.2 Global trade structure of rattan commodities.....	18
3.3 Conclusions	18
Annex	19
Annex 1 Export trade of bamboo and rattan commodities in 2020	19
Annex 2 Export trade of bamboo commodities by continent in 2020	20
Annex 3 Import trade of bamboo commodities by continent in 2020	20
Annex 4 Main export countries and regions for bamboo commodities in 2020	21
Annex 5 Main import countries and regions for bamboo commodities in 2020.....	22
Annex 6 Export trade value of rattan commodities by continent in 2020.....	22
Annex 7 Import trade value of rattan commodities by continent in 2020	23
Annex 8 Main export countries and regions of rattan commodities in 2020	23
Annex 9 Main import countries and regions of rattan commodities in 2020.....	23



Title of figures

Figure 1 Development of customs codes for bamboo and rattan commodities	4
Figure 2 Global export trade trends for bamboo and rattan commodities from 2010 to 2020	5
Figure 3 Global distribution of bamboo commodities exports in 2020.....	6
Figure 4 Export trade value of bamboo commodities by continent in 2020	7
Figure 5 Main exporters of bamboo commodities in 2020	7
Figure 6 Global distribution of bamboo commodities imports in 2020	8
Figure 7 Import trade value of bamboo commodities by continent in 2020.....	9
Figure 8 Main importers of bamboo commodities in 2020.....	10
Figure 9 Proportion of the global main bamboo commodities in 2020	11
Figure 10 Bilateral trade value of bamboo articles of daily use in 2020.....	12
Figure 11 Bilateral trade value of bamboo tableware and kitchenware in 2020.....	13
Figure 12 Global distribution of rattan commodities exports in 2020	14
Figure 13 Export trade value of rattan commodities by continent in 2020.....	15
Figure 14 Main exporters of rattan commodities in 2020	15
Figure 15 Global distribution of rattan commodities imports in 2020.....	16
Figure 16 Import trade value of rattan commodities by continent in 2020	17
Figure 17 Main importers of rattan commodities in 2020	17
Figure 18 Proportion of the global main rattan commodities in 2020	18

Introduction

Bamboo, a fast-growing grass, and rattan, a spiky climbing palm, are two of the world's most valuable non-timber forest products. Widely distributed across Asia, Africa and Latin America, bamboo and rattan grow rapidly and are widely used as sources of food, fiber and fuel. As important natural resources, bamboo and rattan also provide support for the survival and daily lives of millions of people across tropical and subtropical regions. Of the 17 Sustainable Development Goals (SDGs) identified by the United Nations (UN), 7 are closely related to bamboo and rattan, including poverty eradication; affordable and clean energy; sustainable cities and communities; responsible consumption and production; climate action; terrestrial life; and global partnerships.

Published in 2017, *The World Checklist of Bamboos and Rattans* estimates the existence of 1642 bamboo species and 631 rattan species in the world, including over 100 species with commercial uses. According to incomplete statistics, total global bamboo forest area exceeds 35 million hectares, and the total global output value exceeds USD 70 billion. Most bamboo and rattan commodities are consumed locally in surrounding production areas and have not yet been connected with international markets. The international trade of bamboo and rattan furniture, boards, food, clothing, pulp and paper, handicrafts and other commodities is developing steadily with great potential.

This report was prepared and published by INBAR. Using statistics from the UN ComTrade database, the report introduces the global international trade in bamboo and rattan commodities in 2020. The key points include:

- Global international trade in bamboo and rattan commodities reached USD 3.354 billion in 2020, with a decrease of 1.85% in 2019. Among this figure, the total export trade value of bamboo commodities was about USD 2.969 billion, and the total export trade value of rattan commodities was about USD 385 million.
- Asia was the main international trading market for bamboo and rattan commodities, and Europe and North America were also becoming important trading regions for bamboo and rattan commodities. Asia, Europe and North America constitute the core market for the international trade of bamboo and rattan commodities.

- China continues to be the largest exporter of bamboo and rattan commodities. From the global perspective, whether in terms of market share or trending trade development, China's trade of bamboo and rattan commodities dominates the global market of bamboo and rattan commodities, which has a decisive impact on the structure and characteristics of the whole trade of bamboo and rattan commodities. The European Union, the United States, Canada and Mexico were also noted as important trading countries or region for bamboo commodities.

- The main global bamboo trade commodities were bamboo articles for daily use and bamboo tableware and kitchenware. The main global rattan trade commodities were woven rattan products and rattan furniture.

- Data showed that compared with previous years, the total international trade of bamboo and rattan commodities increased significantly after 2018, which is due to the 10 new customs codes (HS codes) for bamboo and rattan commodities approved by the World Customs Organization that came into effect after 2018, so as to more comprehensively and accurately reflect the international market composition of bamboo and rattan commodities.

- The current 24 bamboo and rattan commodity single list code basically covers the bamboo and rattan commodities in international trade. With the continuous improvement of commodity coding for bamboo and rattan in the Harmonized System, the global trade data of bamboo and rattan will be updated continuously and accurately reflect the international trade market situation of bamboo and rattan commodities.

1 Codes and international trade trends for bamboo and rattan commodities

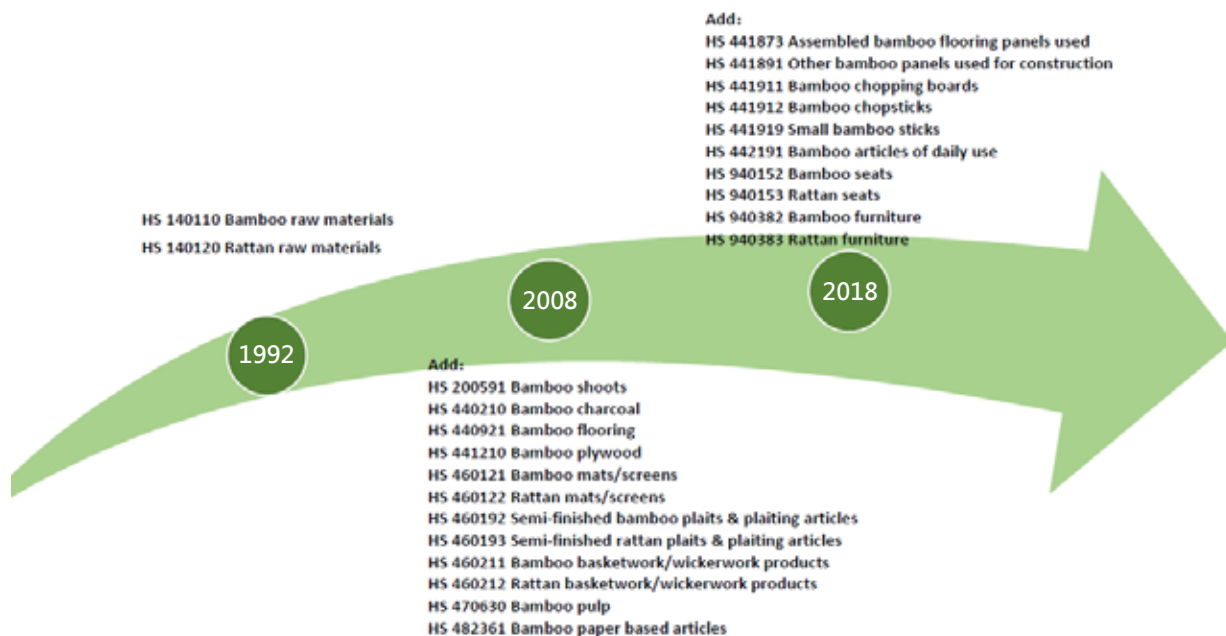
1.1 Commodity codes for bamboo and rattan

The Harmonized Commodity Description and Coding System (heretofore referred to as the Harmonized System, HS) is a classification of commodities for international trade developed by the World Customs Organization (WCO). In the Harmonized System, various commodities involved in international trade are divided into 21 categories and 97 chapters according to their production sectors, natural attributes and different functional uses, which are used in more than 200 countries or regions.

The Harmonized System is suitable for various aspects of international trade as the “standard language” in the classification of international trade commodities. It therefore forms an important basis in the processing and clearance of foreign trade as well as affects the international trade value of bamboo and rattan commodities. In order to adapt to the development of international trade and commodities, WCO revises the Harmonized System every four to six years.

Since 2003, in collaboration with INBAR, FAO and the General Administration of Customs of China, the WCO has twice approved a series of customs codes for bamboo and rattan commodities, including 14 codes effective from 2008 and 10 codes effective from 2018. At present, there are 24 customs codes for bamboo and rattan commodities, including 18 bamboo commodities and 6 rattan commodities, covering the majority of bamboo and rattan commodities involved in international trade, and laying a foundation for countries and regions involved in international trade to reasonably and accurately assess and monitor the international trade of bamboo and rattan commodities. See Appendix 1 for the customs code and export trade of bamboo and rattan commodities in 2020.

Figure 1 Development of customs codes for bamboo and rattan commodities

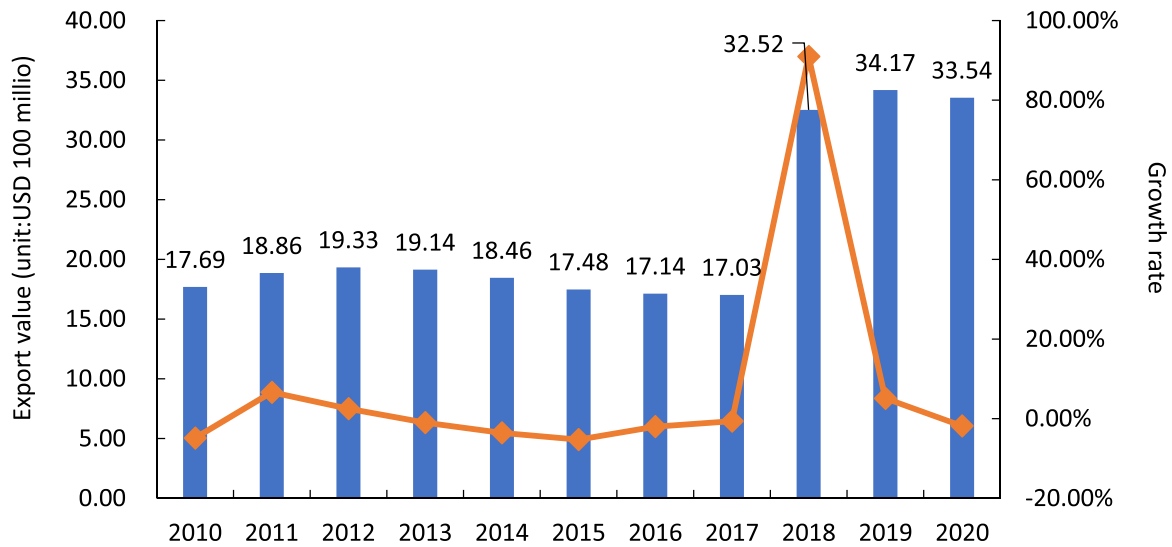


1.2 International trade trends for bamboo and rattan commodities

Over the past 20 years, the global bamboo and rattan industry has developed rapidly, leading to the emergence of more and more varieties and applications of bamboo and rattan commodities. The global export trade value of bamboo and rattan commodities showed an overall growth trend from 2010 to 2020 (Figure 2). In 2010, the global export trade value of bamboo and rattan commodities was USD 1.769 billion, which increased to USD 3.354 billion in 2020, with an increase of 89.6% and an annual growth rate of 8.15%. The total trade value has increased significantly compared with previous years due to the new customs codes for bamboo and rattan commodities that have been in effect since 2018. Affected by the global COVID-19 pandemic, the growth of the global export trade value of bamboo and rattan products slowed from 2019 to 2020, with a decline of 1.85% in 2020.

In 2020, the global export trade value of bamboo and rattan commodities amounted to USD 3.354 billion. Among them, the total export trade value of bamboo commodities was about USD 2.969 billion, and the total export trade value of rattan commodities was about USD 385 million.

Figure 2 Global export trade trends for bamboo and rattan commodities from 2010 to 2020



Data Source: Statistics and Collation from the UN ComTrade database.

2 Global import and export trade for bamboo commodities

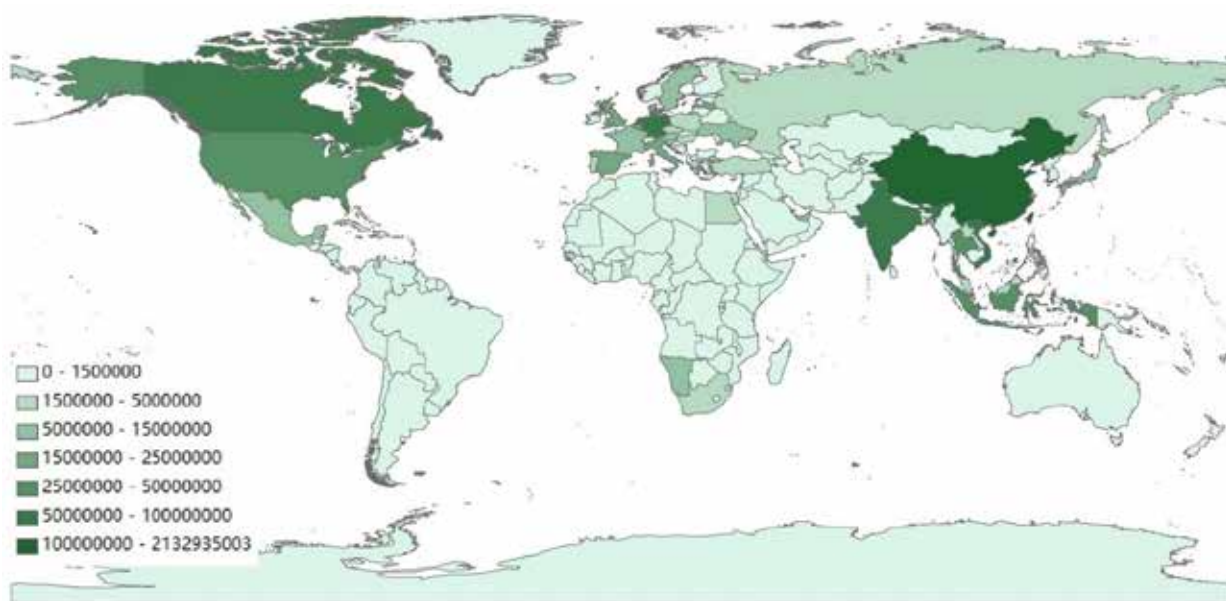
In 2020, the total global export trade value of bamboo commodities was USD 2.969 billion, and the total global import trade value of bamboo products was USD 2.681 billion.

2.1 Global import and export trade market for bamboo commodities

2.1.1 Global export trade market for bamboo commodities

In 2020, the total global export trade value of bamboo commodities was USD 2.969 billion, and the global distribution is shown in Figure 3. Asia, Europe and North America were the main export trade regions for bamboo commodities. The Asian region dominated the export market for traditional and innovative bamboo commodities, featuring abundant bamboo resources and a mature bamboo industry. The countries and regions in Europe and North America have advanced processing technology, and accordingly exported more bamboo commodities. At the same time, these three regions also jointly occupy the main import market of bamboo commodities, and trade for bamboo commodities among countries in each region was also quite active.

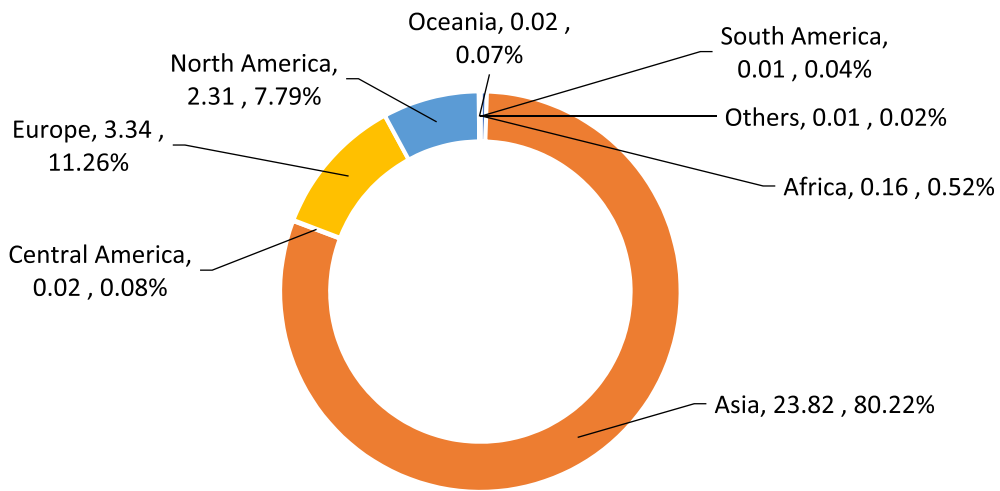
Figure 3 Global distribution of bamboo commodities exports in 2020



Note: This figure is drawn by ARCGIS with data from the UN ComTrade database.

From the perspective of the export trade value of bamboo commodities across all continents (Figure 4), Asia was the largest export region for bamboo commodities. In 2020, the total export trade value of bamboo commodities in Asia was about USD 2.38 billion, accounting for 80.2% of the global total export trade value of bamboo commodities. Europe ranked second with the export trade value of bamboo commodities reaching about USD 330 million, accounting for 11.3%. The export trade value of bamboo commodities in North America was about USD 230 million, accounting for 7.8%. Despite the abundant natural bamboo resources in Africa, the export trade of bamboo commodities reached only USD 16 million, accounting for less than 1%. Other regions of the world, including South and Central America, exported only a small amount of bamboo commodities.

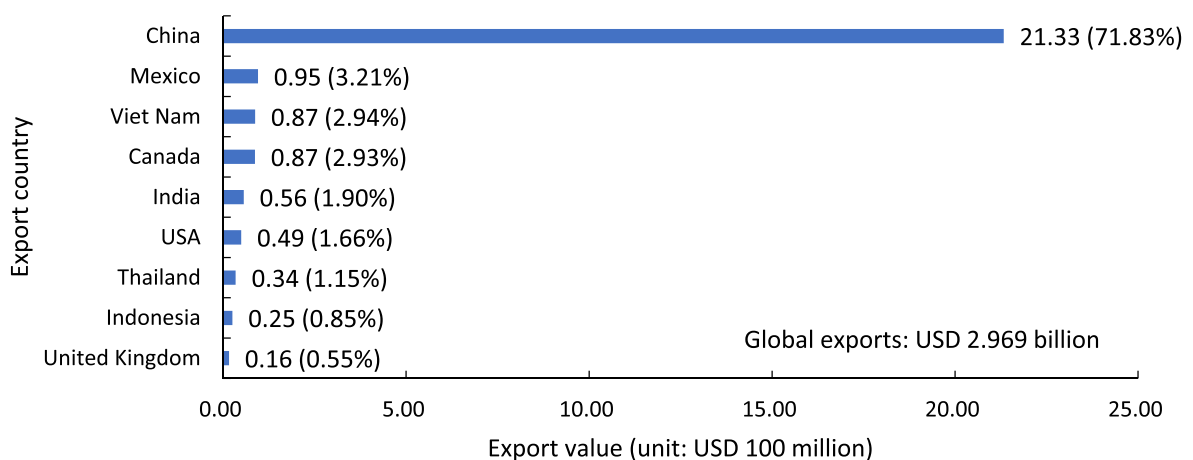
Figure 4 Export trade value of bamboo commodities by continent in 2020 (Unit: USD 100 million)



Data Source: Statistics and Collation from the UN ComTrade database.

According to statistics from the UN ComTrade database, China was the largest exporter of bamboo commodities in the world (Figure 5). In 2020, China’s export trade value of bamboo commodities reached USD 2.13 billion, accounting for 71.8% of the world’s total export trade of bamboo commodities. The European Union was the second largest economy in bamboo export trade, with an export value of about USD 304 million, accounting for 10.3% of the world’s total bamboo export. Countries such as Mexico, Vietnam and Canada were also important exporters of bamboo commodities.

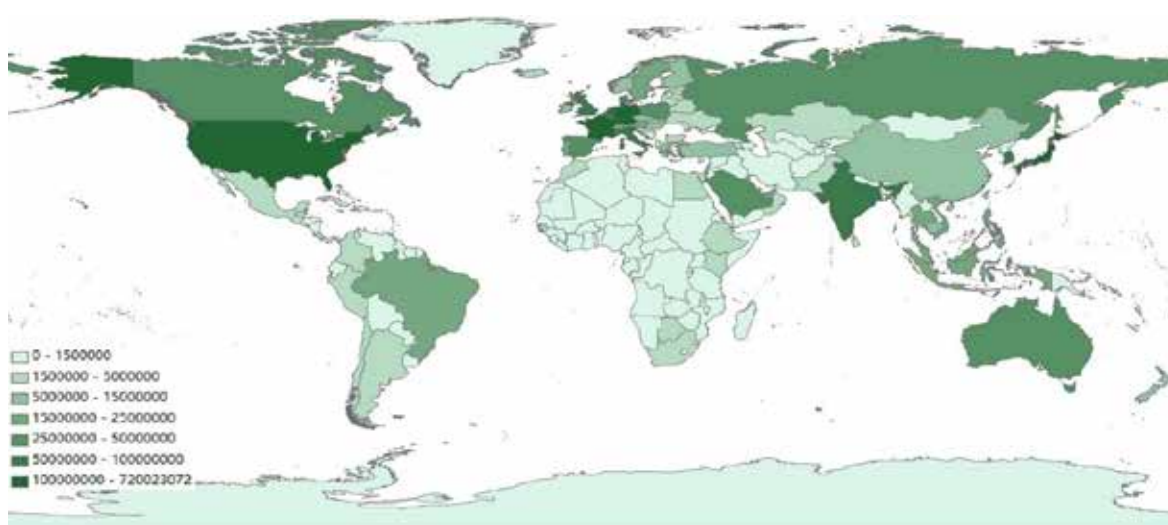
Figure 5 Main exporters of bamboo commodities in 2020



2.1.2 Global import trade market for bamboo commodities

In 2020, the total global import trade value of bamboo commodities was USD 2.681 billion, and the global distribution is shown in Figure 6. Europe was the largest importer of bamboo commodities, followed by North America and Asia.

Figure 6 Global distribution of bamboo commodities imports in 2020

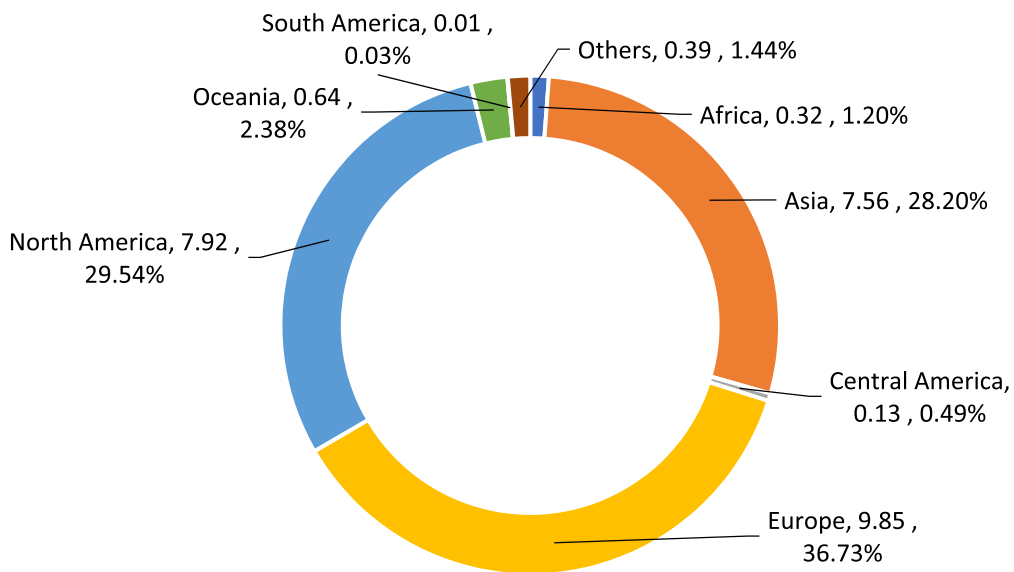


Note: This figure is drawn by ARCGIS with data from the UN ComTrade database.

From the perspective of the import trade value of bamboo commodities in different continents (Figure 7), the import trade value of bamboo commodities in Europe¹ was about USD 990 million, accounting for 36.7% of the total import trade value of bamboo commodities in the world, followed by Asia and North America, with import trade values of USD 760 million and USD 790 million, respectively, accounting for 28.2% and 29.5%. The import trade value of bamboo commodities in Oceania was about USD 64 million, accounting for about 2.4%, and that of Africa was about USD 32 million, accounting for about 1.2%.

¹ Some countries and regions are important export trade partners as well as import trade partners. Take the EU as an example: Although bamboo resources are limited, its member states have relatively developed processing technologies, allowing them to import raw bamboo materials or semi-finished bamboo commodities to produce terminal products with high added value, such as furniture, building materials, decorative materials, etc., which occupy an important position in the international market.

Figure 7 Import trade value of bamboo commodities by continent in 2020 (Unit: USD 100 million)

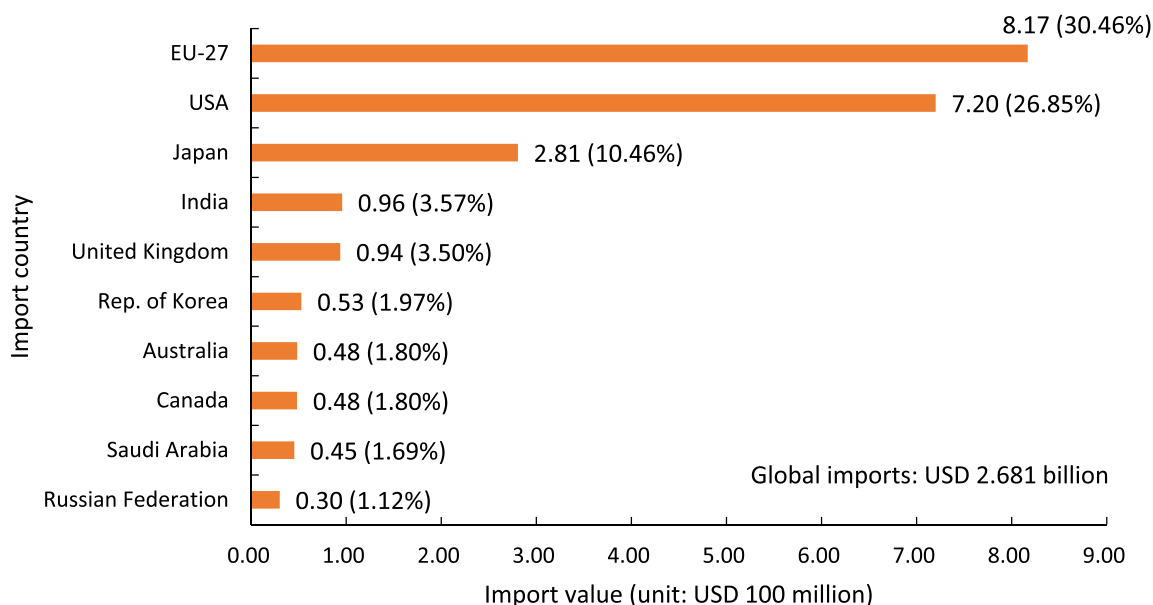


Data Source: Statistics and Collation from the UN ComTrade database.

The main importing countries of bamboo commodities generally feature insufficient bamboo resources but developed processing industries or high levels of consumption² (Figure 8). The EU is the world’s largest import economy of bamboo commodities, and its total import trade of bamboo commodities is about USD 820 million, accounting for 30.5% of the world’s total import trade of bamboo commodities. This is followed by the United States, with a total value of bamboo product import trade reaching about USD 720 million, accounting for 26.9%, and next, Japan’s total value of bamboo product import trade is about USD 280 million, accounting for 10.5%. India, the United Kingdom, South Korea, Australia and Canada all imported less than USD 100 million.

² Under normal circumstances, the total value of import and export of commodities is different (the total value of imported goods is different from the total value of exported goods), which is mainly due to the corresponding tariffs, transportation, insurance and other costs incurred in the process of international trade and logistics or is owing to differences in customs procedures of relevant countries. As a result, customs export trade data and customs import trade data of the same product may differ.

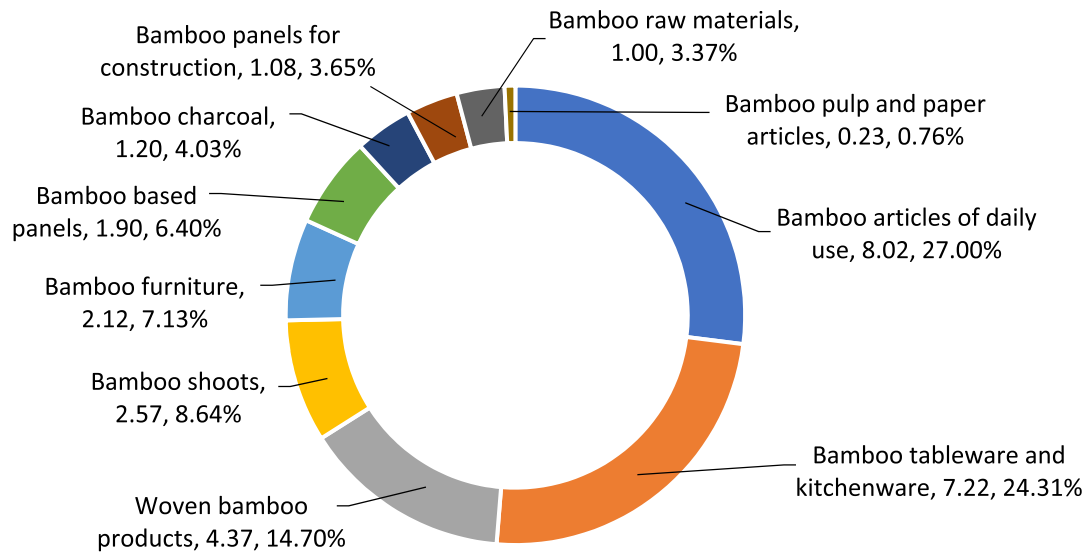
Figure 8 Main importers of bamboo commodities in 2020



2.2 Global trade structure of bamboo commodities

The global trade of bamboo commodities covers a wide range of commodities, including bamboo articles of daily use, bamboo tableware and kitchenware, woven bamboo products, bamboo shoots, bamboo furniture, bamboo based panels and so on. According to the UN ComTrade database, the global export trade value of bamboo commodities accounted for about USD 2.97 billion in 2020. The total trade value of bamboo articles of daily use and bamboo tableware and kitchenware were both about USD 1.524 billion, accounting for about 51.3% of the total export trade value of bamboo commodities in the world. The export trade value of woven bamboo products, bamboo shoots, bamboo furniture and bamboo based panels amounted to USD 440 million, USD 260 million, USD 210 million and USD 190 million, respectively, accounting for more than 5%. This is shown in Figure 9.

Figure 9 Proportion of the global main bamboo commodities in 2020 (unit: USD 100 million; %)



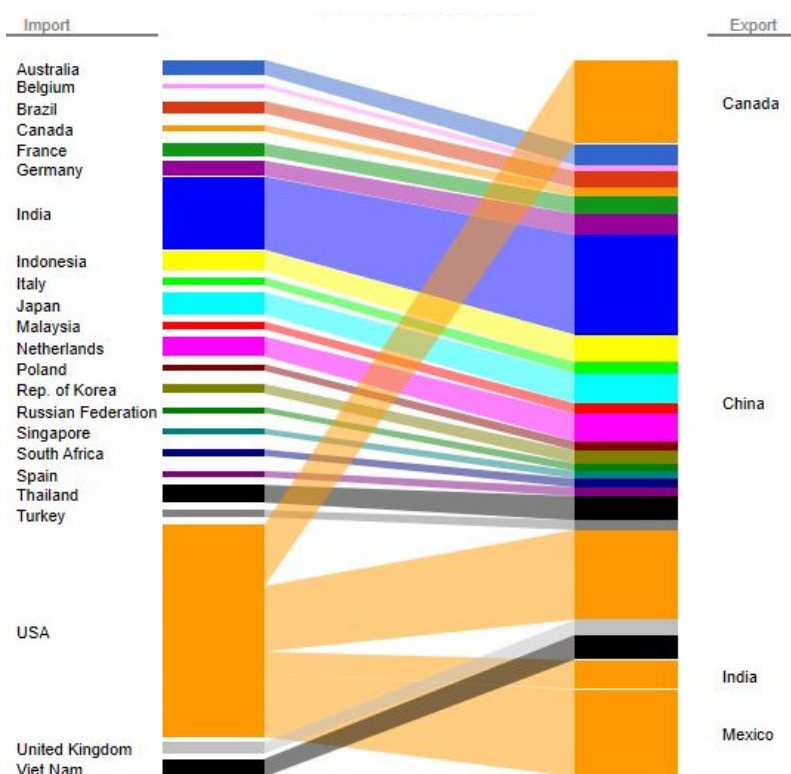
Data Source: Statistics and Collation from the UN ComTrade database.

2.2.1 Global trade structure of bamboo articles of daily use

In 2020, the total global export trade value of bamboo articles of daily use was USD 801.8 million, among which China exported USD 526 million of this product, accounting for 65.6% of the global export, followed by Mexico and Canada, accounting for USD 76.3 million and USD 73.4 million, respectively accounting for 9.5% and 9.2%. The United States was the largest importer of bamboo articles of daily use, importing USD 297 million, and accounting for 49%. The Netherlands, Belgium, Japan, Germany, France, the United Kingdom, Indonesia and Canada imported more than USD 10 million.

In terms of the bilateral trade of bamboo articles of daily use (Figure 10), China exported the largest amount to India, with an export trade value of USD 872.5 million, followed by China’s export to the United States, with an export trade value of USD 782 million. China exported more than USD 200 million to Japan, Indonesia, the Netherlands, Vietnam and Thailand. The bilateral trade of bamboo articles of daily use from China to Germany, Australia, France, Brazil, the United Kingdom and South Korea each exceeded USD 100 million. Mexico and Canada exported nearly USD 80 million of bamboo commodities to the United States, while India exported more than USD 25 million of bamboo commodities to the United States.

Figure 10 Bilateral trade value of bamboo articles of daily use in 2020

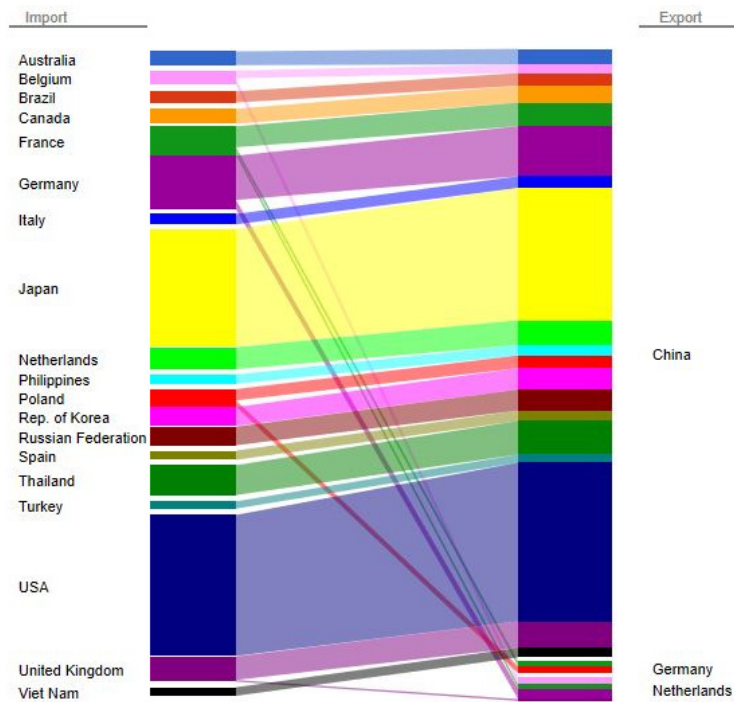


2.2.2 Global trade structure of bamboo tableware and kitchenware

In 2020, the global export trade value of bamboo tableware and kitchenware was USD 722.9 million, among which China was the largest exporter of this product, with an export trade value of USD 572.5 million, accounting for 79.3% of the global export. Germany and the Netherlands followed at only USD 29.81 million and USD 26.36 million, accounting for 4.1% and 3.7%, respectively. The United States was the largest importer of this product, reaching USD 141 million, and accounting for 21.6%. Japan followed with an export trade value of USD 93.04 million, accounting for 14.23%. Germany, France, Germany and the Netherlands imported more than USD 20 million.

In terms of bilateral trade of bamboo tableware and kitchenware (Figure 10), the value of bamboo tableware and kitchenware exported from China to the United States and Japan both exceeded USD 100 million, at USD 120.6 million and USD 100.5 million, respectively. The value of bamboo tableware and kitchenware exported from China to Germany, Thailand, Britain, Holland, France, South Korea, Russia, Canada and Australia exceeded USD 10 million.

Figure 11 Bilateral trade value of bamboo tableware and kitchenware in 2020



2.3 Conclusions

Since the establishment of the Harmonized System, bamboo and rattan commodities were not defined, classified or included in or mixed with wood products and other plant material products, resulting in the absence of international trade data of bamboo and rattan commodities. This has affected the assessment and monitoring of the international market for bamboo and rattan commodities.

With the improvement of the bamboo and rattan commodity codes under the Harmonized Coding System, especially after 2018, when 10 new bamboo and rattan commodity codes came into effect, the quality of international trade statistics for bamboo and rattan commodities has continually improved, allowing for the comprehensive and accurate assessment of the international market for bamboo and rattan commodities. With the rapid development of the bamboo and rattan industry, more and more bamboo and rattan commodities are entering the international market, making clear the need for bamboo and rattan commodity coding. Therefore, it is of great significance to continue to conduct relevant international cooperation to promote the development and improvement of bamboo and rattan commodity coding.

3 Global import and export trade for rattan commodities

In 2020, the total global export trade value of rattan commodities was USD 385 million, and the total global import trade value of rattan commodities was USD 497 million.

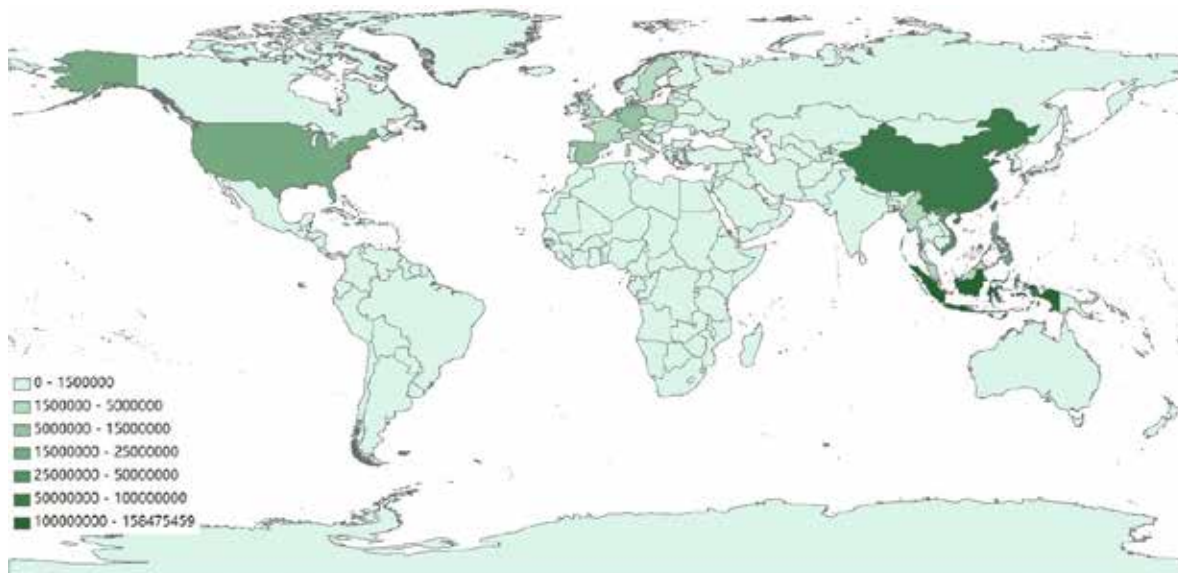
3.1 Global import and export trade market for rattan commodities

Asia and Europe were the main trading regions for rattan commodities. Asia was a major source of rattan resources and traditional rattan commodities in the world, producing both traditional and innovative rattan commodities for export. Europe, North America and Asia were also the main import markets for rattan commodities.

3.1.1 Global export trade market for rattan commodities

In 2020, the total global export trade value of rattan commodities was USD 385 million, and the global distribution is shown in Figure 12. The Asia region was the largest exporter of rattan commodities.

Figure 12 Global distribution of rattan commodities exports in 2020

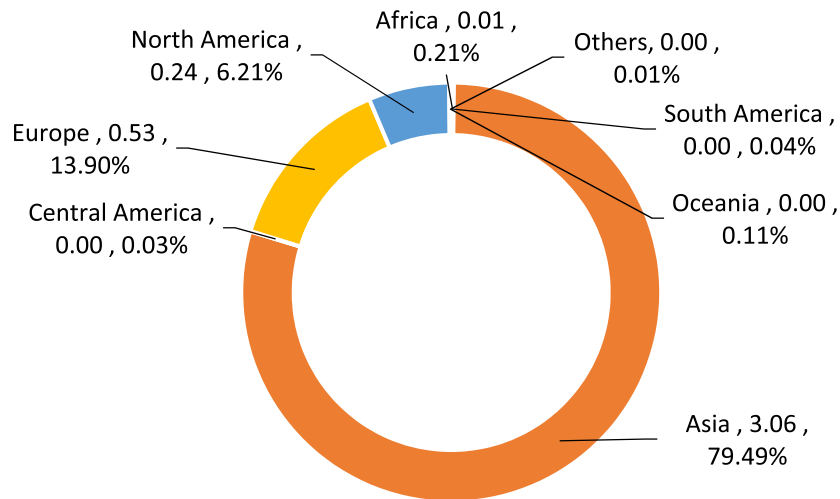


Note: This figure is drawn by ARCGIS with data from the UN ComTrade database.

From the perspective of the export trade value of rattan commodities across all continents (Figure 13), in 2020, the total export trade value of rattan commodities in Asia was about USD 310 million, accounting for 79.5% of the total export trade value of rattan commodities in the world, followed by Europe, with an export trade value of USD 53 million and a proportion of 13.9%. The total

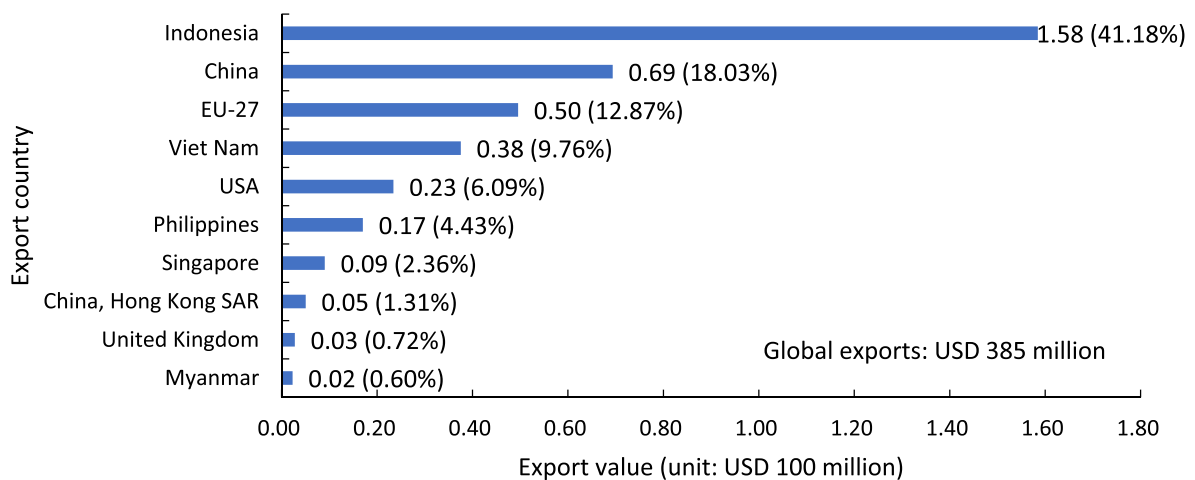
export trade value of rattan commodities in North America was about USD 24 million, accounting for 6.2%. The total export trade value of rattan commodities from other regions was about USD 1 million.

Figure 13 Export trade value of rattan commodities by continent in 2020 (Unit: USD 100 million)



Similar to bamboo commodities, the major exporters of rattan commodities in 2020 were mainly traditional producers of rattan commodities in Asia, including Indonesia, China, Vietnam, the Philippines and Myanmar, as well as internationally renowned port countries and regions, such as Singapore and Hong Kong, China. Indonesia and China have long been major exporters of rattan commodities, together accounting for more than half of the total global trade in rattan commodities exports (Figure 14).

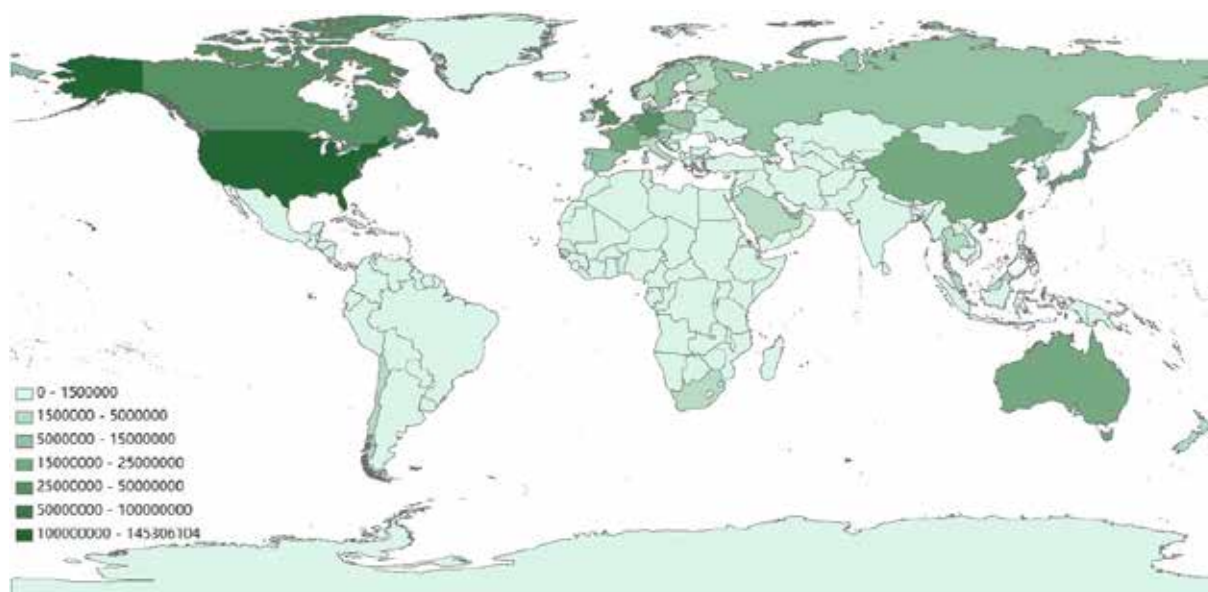
Figure 14 Main exporters of rattan commodities in 2020



3.1.2 Global import trade market for rattan commodities

In 2020, the total global import trade value of rattan commodities was USD 497 million, and the global distribution is shown in Figure 15. Europe was the largest importer of rattan commodities.

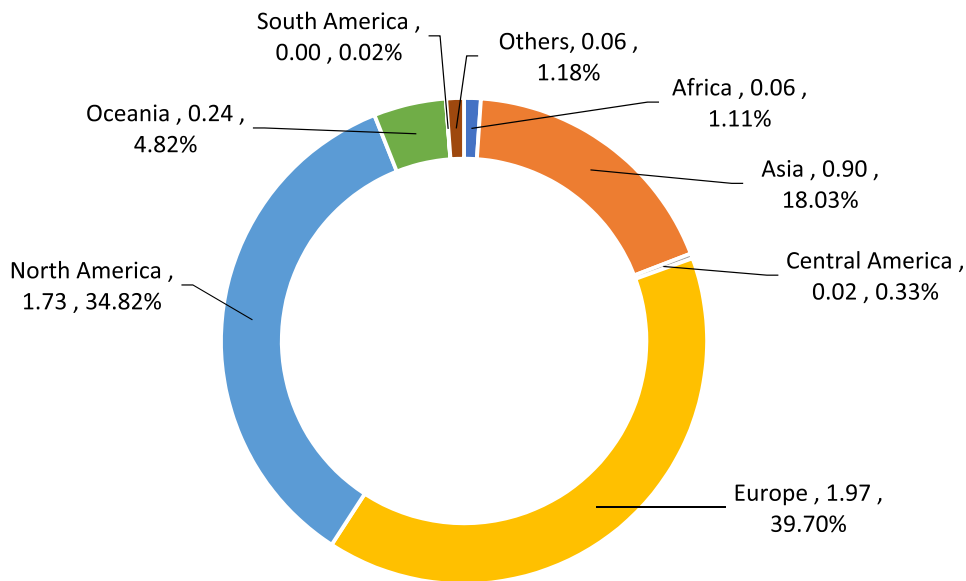
Figure 15 Global distribution of rattan commodities imports in 2020



Note: This figure is drawn by ARCGIS with data from the UN ComTrade database.

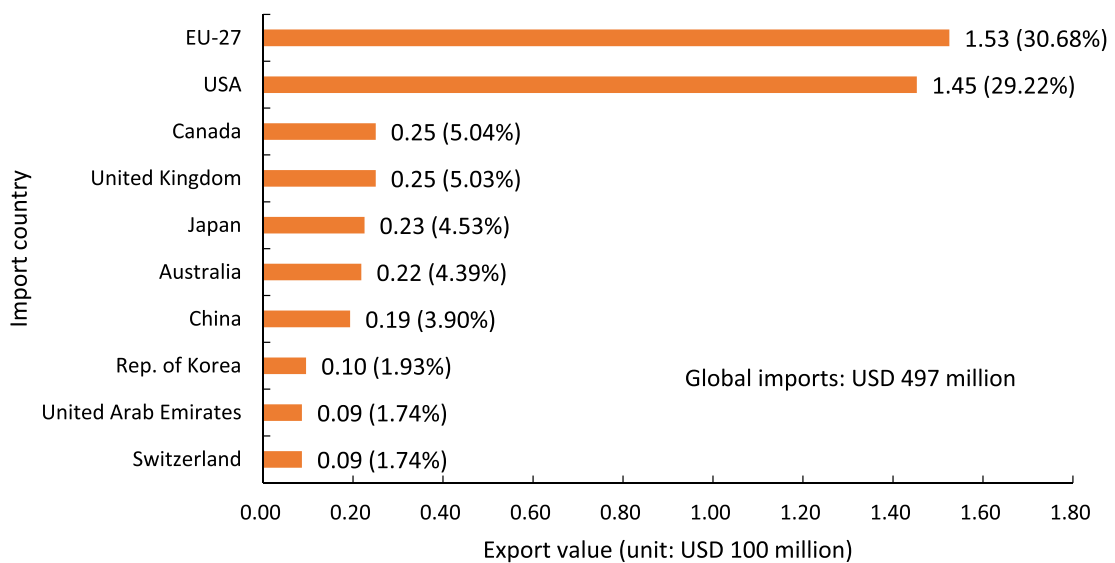
In 2020, the total import trade value of rattan commodities in Europe was about USD 200 million, accounting for 39.7% of the global total import trade value of rattan commodities. The total import trade value of rattan commodities in North America was about USD 170 million, accounting for 34.8%. The total import trade of rattan commodities in Asia was USD 90 million, accounting for about 18% (Figure16).

Figure 16 Import trade value of rattan commodities by continent in 2020 (Unit: USD 100 million)



The European Union was the world’s largest rattan import trading economy. In 2020, the total import trade value of rattan commodities to the EU was USD 153 million, accounting for 31%. The second-largest importer of rattan commodities was the United States, with an import trade value of USD 145 million and accounting for 29%. Canada, the United Kingdom, Japan, Australia and China accounted for about 5% of the total import trade of rattan commodities at about USD 20 million (Figure 17).

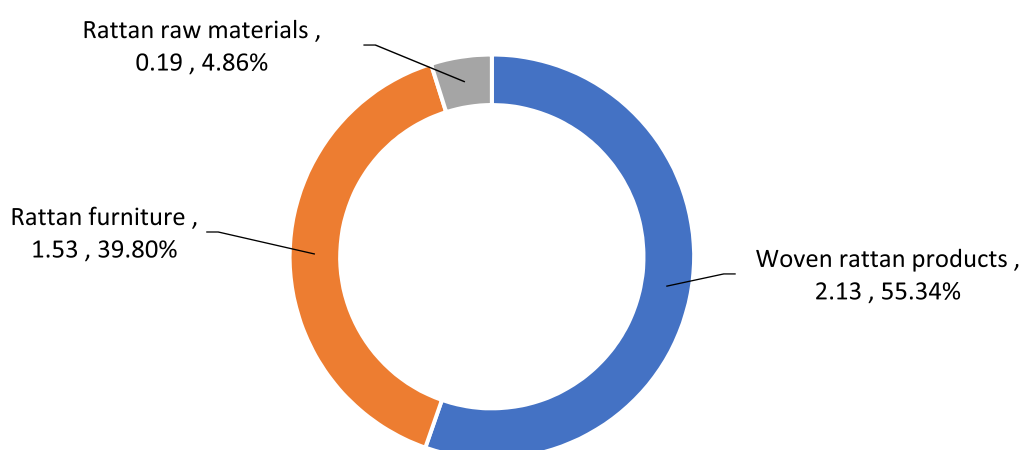
Figure 17 Main importers of rattan commodities in 2020



3.2 Global trade structure of rattan commodities

According to the current Harmonized System, rattan commodities mainly include three categories: Rattan raw materials, woven rattan products and rattan furniture. In 2020, the total global export trade value of rattan commodities reached about USD 385 million, 55% of which were rattan commodities, and the total export trade reached USD 213 million. Rattan furniture followed, with a total export trade of USD 153 million, accounting for 40% of the total export of rattan commodities worldwide. The export of rattan raw materials was the least, accounting for 5% of the total export trade at about USD 19 million (Figure 18).

Figure 18 Proportion of the global main rattan commodities in 2020 (unit: USD 100 million; %)



3.3 Conclusions

In 2020, the total global export trade value of rattan commodities reached USD 385 million. Asia was the main export trade region for rattan commodities. Indonesia and China have consistently ranked as the top exporters of rattan commodities throughout the years. Europe and North America were the largest importers of rattan commodities in the world. The most important commodities in the global rattan commodities trade were woven rattan products and rattan furniture in 2020.

Annex

Annex 1 Export trade of bamboo and rattan commodities in 2020

Commodities	HS codes	Products	Category	Export value (USD million)	Proportion (%)
Bamboo commodities	140110	Bamboo raw materials	Bamboo raw materials	100	3.0
	200591	Bamboo shoots	Bamboo shoots	257	7.6
	440210	Bamboo charcoal	Bamboo charcoal	120	3.6
	440921	Bamboo flooring	Bamboo based panels	101	3.0
	441210	Bamboo plywood		89	2.6
	441873	Assembled bamboo flooring panels used for construction	Bamboo panels for construction	52	1.6
	441891	Other bamboo panels used for construction		56	1.7
	441911	Bamboo chopping boards	Bamboo tableware and kitchenware	175	5.2
	441912	Bamboo chopsticks		255	7.6
	441919	Small bamboo sticks		292	8.7
	442191	Bamboo articles of daily use	Bamboo articles of daily use	802	23.9
	460121	Bamboo mats/screens	Woven bamboo products	148	4.4
	460192	Semi-finished bamboo plaits & plaiting articles		49	1.5
	460211	Bamboo basketwork/wickerwork products		240	7.1
	470630	Bamboo pulp	Bamboo pulp and paper articles	5	0.2
	482361	Bamboo paper based articles		17	0.5
	940152	Bamboo seats	Bamboo furniture	33	1.0
940382	Bamboo furniture	179		5.3	
Subtotal of global bamboo commodities				2,969	88.5
Rattan commodities	140120	Rattan raw materials	Rattan raw materials	19	0.6
	460122	Rattan mats/screens	Woven rattan products	7	0.2
	460212	Rattan basketwork/wickerwork products		199	5.9
	460193	Semi-finished rattan plaits & plaiting articles		7	0.2
	940153	Rattan seats	Rattan furniture	97	2.9
	940383	Rattan furniture		57	1.7
Subtotal of global rattan commodities				385	11.5
Total global export trade of bamboo and rattan commodities				3,354	100.0

Annex 2 Export trade of bamboo commodities by continent in 2020

Unit: USD million

Commodities ³	Europe	Asia	North America	Latin America	Africa	Others
Bamboo articles of daily use	50.7	585.9	162.3	2.1	0.8	0.1
Bamboo tableware and kitchenware	99.4	609.7	10.9	0.6	0.9	0.3
Woven bamboo products	34.0	383.8	16.1	0.1	2.6	0.0
Bamboo shoots	14.7	240.8	0.9	0.0	0.1	0.0
Bamboo furniture	48.2	157.7	5.6	0.1	0.1	0.0
Bamboo based panels	13.1	166.0	8.8	0.1	2.0	0.1
Bamboo charcoal	2.3	105.7	2.9	0.0	8.7	0.0
Bamboo panels for construction	51.9	34.9	21.4	0.0	0.2	0.0
Bamboo raw materials	10.7	88.1	0.7	0.3	0.1	0.0
Bamboo pulp and paper articles	9.3	11.6	1.7	0.0	0.1	0.0
Total	334.4	2384.2	231.3	3.4	15.5	0.6

Annex 3 Import trade of bamboo commodities by continent in 2020

Unit: USD million

Commodities	Europe	North America	Asia	Latin America	Asia	Others
Bamboo articles of daily use	279.9	188.2	163.8	18.0	4.1	0.1
Bamboo tableware and kitchenware	155.0	110.2	316.0	16.8	7.5	0.1
Woven bamboo products	108.9	77.2	60.0	3.7	2.4	0.0
Bamboo shoots	128.8	14.4	74.9	2.5	1.9	0.0
Bamboo furniture	40.6	141.1	32.6	2.2	0.2	0.1
Bamboo based panels	112.4	33.6	54.5	1.9	1.0	0.0
Bamboo charcoal	53.8	78.8	49.9	4.6	10.8	0.5
Bamboo panels for construction	62.7	110.4	22.5	0.6	1.5	0.0
Bamboo raw materials	13.1	54.1	5.2	0.1	1.7	0.0
Bamboo pulp and paper articles	29.5	11.6	12.8	1.2	1.0	0.0
Total	984.7	819.7	792.2	51.7	32.1	0.9

³ 0.0 indicates that the magnitude is less than 100,000. The unit is USD million of Annex 2 and Annex 3.

Annex 4 Main export countries and regions for bamboo commodities in 2020

Unit: USD million

Commodities	China	EU-27	Mexico	Viet Nam	Canada	India	The USA	Thailand	Indonesia	The UK
Bamboo articles of daily use	526	44	76	5	73	44	13	3	0	5
Bamboo tableware and kitchenware	572	93	0	5	2	11	9	11	1	4
Woven bamboo products	316	32	14	53	0	1	2	1	9	1
Bamboo shoots	215	14	0	1	0	0	1	17	0	1
Bamboo furniture	143	47	0	10	1	0	4	0	2	1
Bamboo based panels	160	10	0	0	0	0	8	0	0	2
Bamboo charcoal	90	2	3	0	0	0	0	0	11	0
Bamboo panels for construction	33	44	2	1	10	0	10	0	0	1
Bamboo raw materials	67	10	0	13	0	1	1	2	2	0
Bamboo pulp and paper articles	10	8	0	0	0	0	2	0	0	0
Total	2,133	304	95	87	87	56	49	34	25	16

Annex 5 Main import countries and regions for bamboo commodities in 2020

Unit: USD million

Commodities	EU-27	The USA	Japan	India	The UK	Rep. of Korea	Australia	Canada	United Arab Emirates	Russia
Bamboo articles of daily use	130	297	25	7	12	6	7	10	0	7
Bamboo tableware and kitchenware	216	141	93	1	33	15	15	18	0	17
Woven bamboo products	88	54	16	1	13	8	5	4	6	3
Bamboo shoots	33	28	123	0	5	7	3	3	0	0
Bamboo furniture	97	49	5	0	7	7	7	5	0	2
Bamboo based panels	45	41	5	1	5	3	5	5	19	0
Bamboo charcoal	13	5	7	0	0	4	0	1	17	0
Bamboo panels for construction	115	74	1	0	8	0	3	1	0	0
Bamboo raw materials	54	20	4	84	6	3	2	2	0	1
Bamboo pulp and paper articles	25	12	1	0	3	0	2	0	2	0
Total	817	720	281	96	94	53	48	48	45	30

Annex 6 Export trade value of rattan commodities by continent in 2020

Unit: USD million

Commodities	Europe	North America	Asia	Latin America	Asia	Others
Rattan raw materials	28.3	181.3	2.9	0.0	0.3	0.1
Woven rattan products	23.9	107.7	20.8	0.2	0.5	0.0
Rattan furniture	1.2	17.2	0.2	0.0	0.0	0.0
Total	53.5	306.3	23.9	0.2	0.8	0.1

Annex 7 Import trade value of rattan commodities by continent in 2020

Unit: USD million

Commodities	Europe	North America	Asia	Latin America	Asia	Others
Rattan raw materials	11.5	2.4	25.2	1.2	0.9	0.0
Woven rattan products	102.0	44.6	42.3	2.1	0.9	0.0
Rattan furniture	83.9	126.1	46.1	4.2	3.7	0.0
Total	197.4	173.1	113.6	7.5	5.5	0.1

Annex 8 Main export countries and regions of rattan commodities in 2020

Unit: USD million

Commodities	Indonesia	China	EU-27	Viet Nam	The USA
Rattan raw materials	0.0	3.9	1.1	1.6	0.2
Woven rattan products	63.0	62.4	26.7	34.0	2.7
Rattan furniture	95.4	3.0	21.7	1.9	20.6
Total	158.5	69.4	49.5	37.5	23.4

Note: The exports of the main exporters of rattan commodities are all relatively low compared to bamboo commodities, so only the top five exporters are shown.

Annex 9 Main import countries and regions of rattan commodities in 2020

Unit: USD million

Commodities	EU-27	The USA	Canada	The United Kingdom	Japan
Rattan raw materials	10.7	1.7	0.1	0.6	0.8
Woven rattan products	79.8	39.0	4.0	14.4	12.3
Rattan furniture	62.1	104.6	20.9	10.0	9.5
Total	152.5	145.3	25.0	25.0	22.5

Note: The exports of the main importers of rattan commodities are all relatively low compared to bamboo commodities, so only the top five importers are shown.



In 2022, the International Bamboo and Rattan Organization celebrated its 25th anniversary. On the 25th anniversary of its establishment, the International Bamboo and Rattan Organization and the National Forestry and Grassland Administration co-hosted the Second Global Bamboo and Rattan Conference in Beijing, China. Under the theme of "Bamboo and Rattan — Nature-based Solutions for Sustainable Development," the conference brought together representatives from various sectors, including government departments, research institutes, international and non-governmental organizations, the private sector and the media, to discuss the development and cooperation of bamboo and rattan under the new situation.

Over the past 25 years since its establishment, INBAR has worked with partners from its Member States and international organizations to actively promote the potential and value of bamboo and rattan as nature-based solutions for sustainable development. With its increased influence, INBAR has championed the role of bamboo and rattan as part of UN conventions on biodiversity, climate change and desertification, the UN Decade on Ecosystem Restoration 2021–2030, and a number of other prestigious organizations, networks and think tanks and also strives to advance South-South and triangular cooperation as well as highlight the role of bamboo and rattan for meeting the UN 2030 Sustainable Development Goals.

Looking ahead, the International Bamboo and Rattan Organization will continue to work with its global partners to promote the healthy and sustainable development of the world bamboo and rattan industry.