



### Thailand's rubberwood industry: a new rising star



#### Highlight

- The market outlook for rubberwood exports is bright thanks to an increasing supply, as well as demand, especially from China, where the furniture industry is growing. Thai rubberwood is competitive in the global market due to its price and quality.
- EIC sees increased potential for the local production of rubberwood furniture and other wooden products, which will help boost Thailand's export value. Both the public and private sectors should join hands in research and development of new rubberwood products with an eye especially on design and branding.

Past hikes in rubber latex prices have led to the continual growth of rubberwood plantations. Thailand's rubberwood production capacity is projected to climb even more in the future. EIC expects local production of rubberwood to increase by 3% in the medium term, from 20 million tons in 2016 to around 23 million tons in 2020 (Figure 1). This increase is due to new plantings dating from 1991-1995 and the typical rubberwood plantation cycle. A rubberwood tree's latex production capacity lasts for about 25 years, after which the amount of latex it can produce drops dramatically, prompting farmers to cut trees down in order to plant new trees. In the long term, Thailand's rubberwood production is expected to expand by approximately 5% per year, reaching 35 million tons in 2030. This projection is calculated based on the number of new plantings from 2000-2005, which grew significantly due to the high price of rubber latex during the same period. Although the price of rubber latex has dropped since 2011, new plantings have continued at a rather stable rate since rubberwood remains as a relatively profitable cash crop.

Thailand is a major exporter of rubberwood, shipping over 65% of its rubberwood production abroad. Thai rubberwood is competitive thanks to its quality and price, especially when compared with other types of woods. Rubberwood is a hardwood, and as such easy to use; it is also relatively cheap compared to similar woods (Figure 7). It has thus become a popular choice in the furniture and construction industries. Furthermore, rubberwood is environmentally friendly—an important consideration among buyers today. It is a product of plantations rather than deforestation. And although neighboring countries such as Indonesia and Malaysia also produce large quantities of rubberwood, they do not compete directly with Thailand since they do not export raw rubberwood but use it to

produce furniture for export instead.

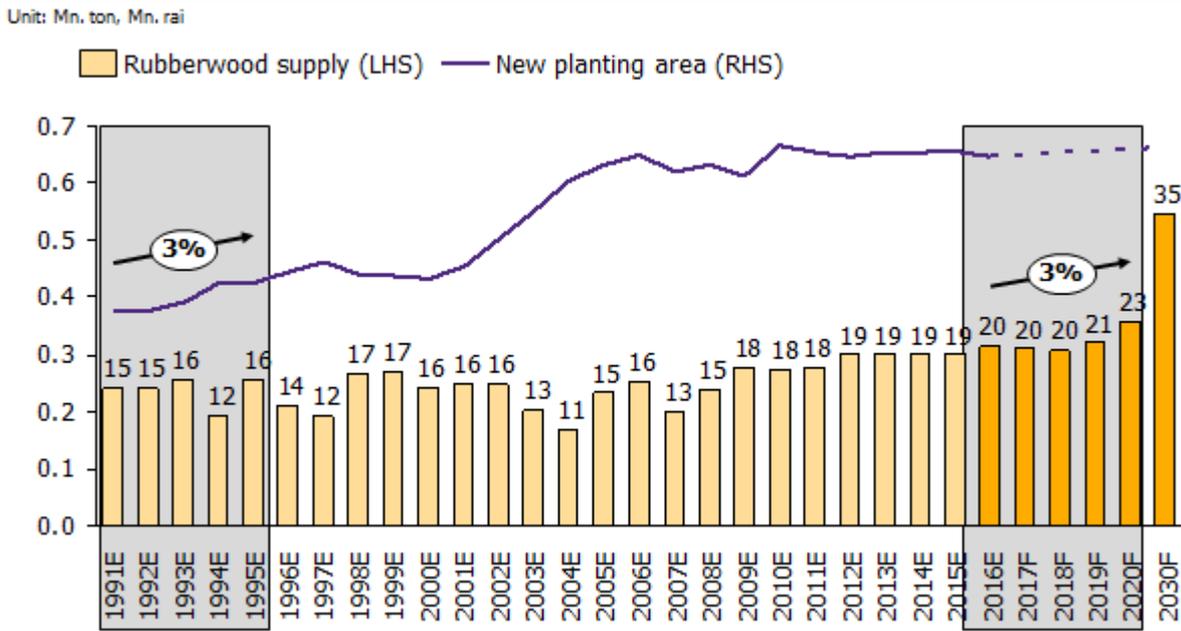
Thailand's rubberwood exports to China are likely to continue growing thanks to the latter's expanding real estate sector and furniture industry, including furniture exports. China's demand for rubberwood imports has continually climbed, totaling more than 1 billion USD in 2015—a 15% uptick (Figure 3). In the medium term demand is expected to grow further based on home sales figures, which have grown by approximately 14% per year over the past five years. In 2016 alone home sales in China totaled approximately 9.6 trillion yuan (Figure 4). A spike in home sales is also likely to drive up the demand for rubberwood as it can be used for furniture production and related construction needs. In addition, China's rising per capita income and the growth of third- and fourth-tier cities will be supporting factors for the purchase of wood furniture and other wood-based products. China's wood furniture export industry is also doing well despite a gloomy global economic outlook. In recent years its wood furniture exports have grown at a rate of approximately 13% per year, totaling 4.510 billion USD in 2015 (Figure 5). The number is projected to rise even more in the future thanks to the American demand for wood furniture. Currently the US is the biggest importer of Chinese wood furniture (Figure 6). Thanks to a better outlook for the US economy, this demand is expected to grow too.

Thailand should enhance its export value and competitiveness by investing in the production of rubberwood furniture and other rubberwood-based products rather than relying mainly on raw rubberwood exports. Thailand has been a major exporter of raw rubberwood, but its rubberwood furniture export value remains relatively small, especially compared to Malaysia, which does not export raw rubberwood. Since 1990 Malaysia has continually focused on developing its rubberwood furniture export market. Today furniture accounts for 30% of the country's wood products export, while timber, previously its major product, now make up only 10% of wood products exports. The development of Malaysia's wood furniture industry has raised its export value and created as many as 60,000 jobs. In general, the export value of wood furniture is 10.7 times that of raw rubberwood (Figure 8).

## Implication

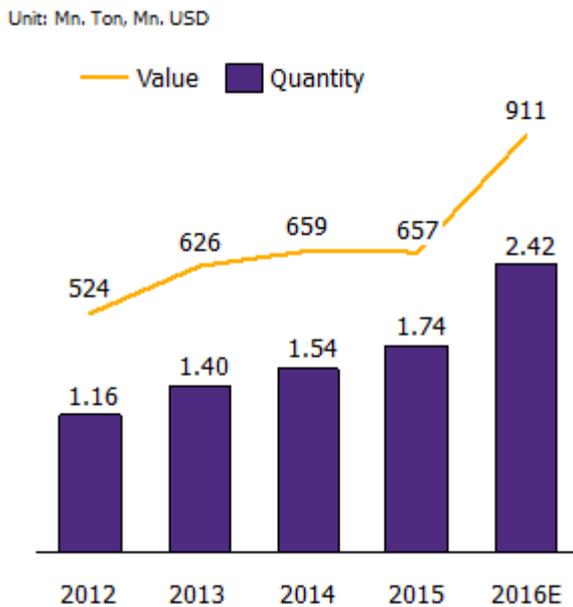
- Thai players should develop new rubberwood furniture products, paying particular attention to the design in order to compete with Malaysia and China. They should familiarize themselves with the latest trends, as well as consumer behavior and preferences. Better design will translate into higher product values and will also contribute to branding efforts.
- The government should provide thoroughgoing support for players in the rubberwood furniture industry. This includes support for the research and development of better-quality rubberwood and for new product designs with the aim of creating high-quality products. A program could be set up, for example, to pair up designers with a furniture makers. The government can also organize Thai furniture road shows abroad or provide support for local brands to showcase their products at international furniture fairs. Support for related industries such as steel, textile, leather and mirror can also be beefed up, especially those pertaining to furniture assembly.

Figure 1: Rubberwood production forecast



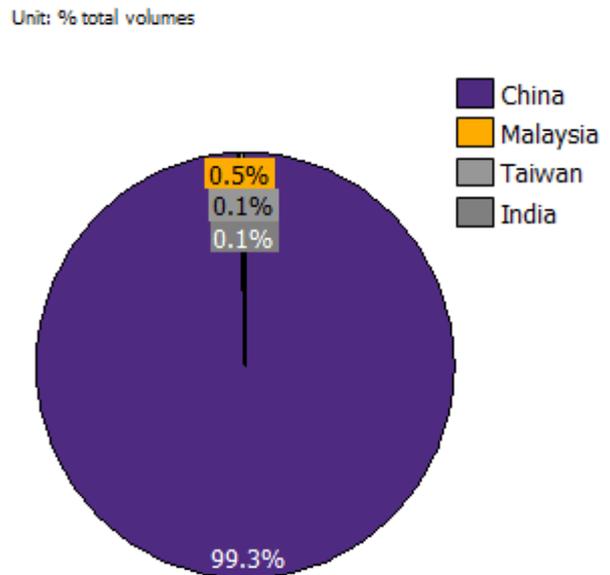
Source: EIC analysis based on data from FAO

Figure 2: Value and quantity of Thai rubberwood export



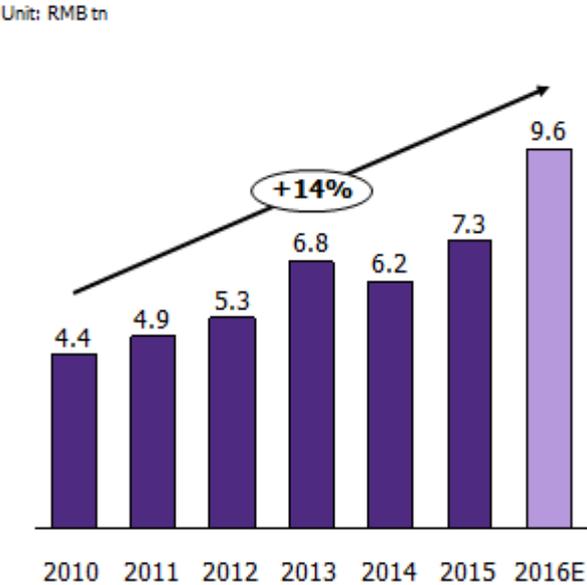
Source: EIC analysis based on data from Trademap and BOT

Figure 3: Importers of Thai rubberwood



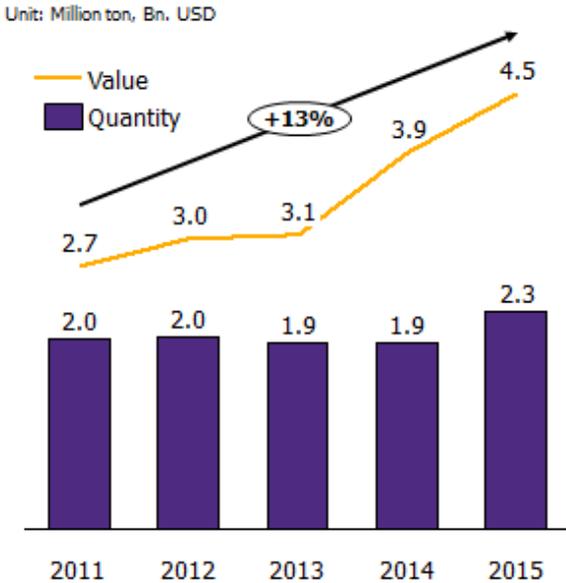
Source: EIC analysis based on data from Trademap

Figure 4: Home sales value in China



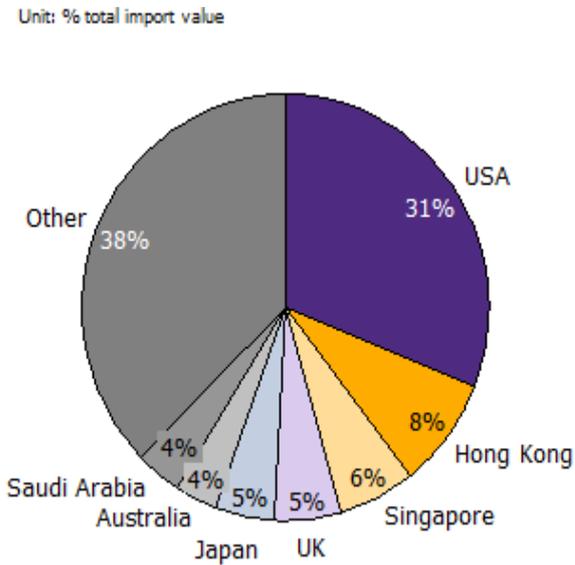
Source: EIC analysis based on data from CEIC

Figure 5: Value and quantity of Chinese furniture exports



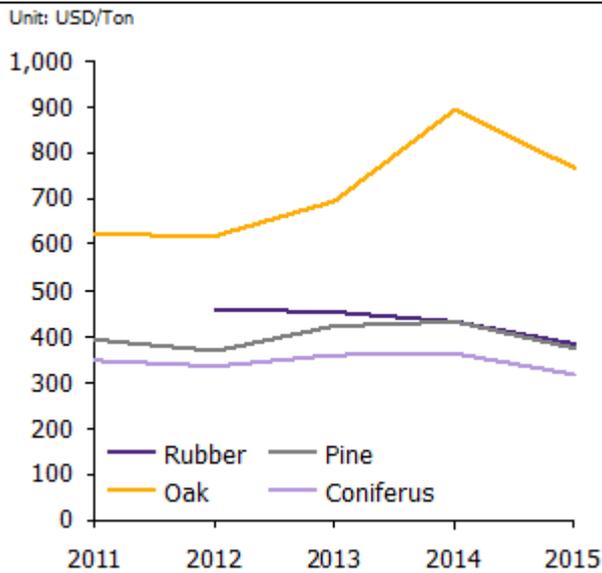
Source: EIC analysis based on data from Trademap

Figure 6: Importers of Chinese furniture



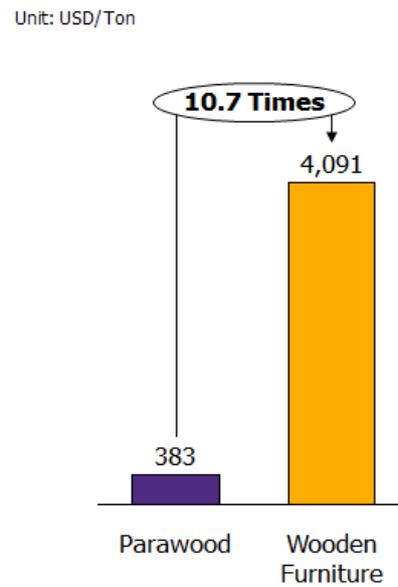
Source: EIC analysis based on data from Trademap

Figure 7: Comparison of Chinese wood import prices



Source: EIC analysis based on data from Trademap and BOT

Figure 8: Export price of rubberwood and wooden furniture



Source: EIC analysis based on data from Trademap and BOT

By: Pharadon Heemmuden ([pharadon.heemmuden@scb.co.th](mailto:pharadon.heemmuden@scb.co.th))  
 Economic Intelligence Center (EIC)  
 Siam Commercial Bank Public Company Limited  
 EIC Online: [www.scbeic.com](http://www.scbeic.com)