

Tropical Timber Market Report since 1990

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The ITTO *Tropical Timber Market (TTM) Report*, an output of the ITTO Market Information Service (MIS), is published in English every two weeks with the aim of improving transparency in the international tropical timber market. Its contents do not necessarily reflect the views or policies of ITTO. News may be reprinted without charge provided that the ITTO *TTM Report* is credited. A copy of the publication should be sent to the editor.

Headlines

The 13th World Forestry Congress will be held in Buenos Aires, Argentina, October 18 to October 23, 2009. This event is organized by FAO and the government of the Argentine Republic.

The purpose of the event is to diagnose the general situation of the forests and forestry sector, so as to recognize trends, adapt policies and raise awareness among the groups involved and interested in the forestry sector.

ITTO is an active participant at the Congress and will be hosting two events, one with the theme of “Ensuring International Trade in CITES-listed Timber Species is Consistent with Their Sustainable Management and Conservation”. This will be held on the 19th of October.

The second event, “Promoting Sustainable Forest Management in the Tropics” will provide an opportunity for participants to assess three selected ITTO funded projects and is scheduled for the 21st October.

Emmanuel Ze Meka, ITTO’s Executive Director (pictured below), will be urging more effective and focused international action on tropical forests at the Congress.



In his words:

“The world needs more effective and focused international action on tropical forests. That will help reduce poverty, protect biodiversity and also mitigate the effects of climate change.”

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Report from Central/West Africa

Fourth quarter situation

The start of the fourth quarter brings no change in the market situation. Trade to Asian destinations still dominates the West African export business with some steady orders for sawn lumber shipped into the Middle East and North Africa, though at very competitive prices.

Italian buyers also remain the most active in the EU according to shippers. As was the situation at the time of the last report, price negotiations are very tough and buyers are demanding competitive pricing.

Azobe logs are being sold into China as the demand from European buyers is now very slack and usually calls for certified timber that is more difficult to source and of less interest to exporters, at least for the time being.

Demand for Andoung has fallen away and prices are trending downwards and weaker.

Weak sawnwood demand

Sawnwood demand in European markets is weak and this situation has persisted over the past few months. There are some 'hints' of possible increases in business with South Africa but this has not yet turned into firm orders.

There is said to be more interest in sawn Okoumé for China but this business is developing very slowly. West African exporters seem to have given up on the hoped for autumn/winter surge in orders from the UK or wider EU, in-fact, even enquiries are few.

There is a trickle of business for sawnwood but exporters continue to concentrate on the steady demand for logs into China and India, while actively looking at alternative markets for the available limited volumes of sawn and processed products.

West Africa Log Prices

| West Africa logs, FOB | € per m ³ | | |
|---|----------------------|-----|------|
| <u>Asian market</u> | LM | B | BC/C |
| Acajou/ Khaya/N'Gollon | 205 | 205 | 153 |
| Ayous/Obéché/Wawa | 190 | 190 | 145 |
| Azobe & Ekki | 195 | 195 | 122 |
| Belli | 230 | 230 | - |
| Bibolo/Dibétou | 150 | 135 | - |
| Bubinga | 533 | 457 | 381 |
| Iroko | 257 | 250 | 200 |
| Okoume (60% CI, 40% CE, 20% CS) (China only) | 185 | - | - |
| Moabi | 270 | 270 | 206 |
| Movingui | 170 | 140 | 137 |
| Niove | 130 | 130 | - |
| Okan | 190 | 190 | 122 |
| Padouk | 300 | 290 | 235 |
| Sapele | 225 | 220 | 150 |
| Sipo/Utile | 260 | 240 | 215 |
| Tali | 230 | 225 | 114 |

West Africa Sawnwood Prices

| West Africa sawnwood, FOB | | € per m ³ |
|---------------------------|-------------------------|----------------------|
| Ayous | FAS GMS | 300 |
| | Fixed sizes | 396 |
| Okoumé | FAS GMS | 290 |
| | Sel. & Bet. GMS Italy | 215 |
| | Sel. & Bet. fixed sizes | - |
| Sipo | FAS GMS | 475 |
| | FAS fixed sizes | - |
| | FAS scantlings | 490 |
| Padouk | FAS GMS | 540 |
| | FAS scantlings | 555 |
| | Strips | 355 |
| Sapele | FAS Spanish sizes | 390 |
| | FAS scantlings | 460 |
| Iroko | FAS GMS | 445 |
| | Scantlings | 455 |
| | Strips | 350 |
| Khaya | FAS GMS | 380 |
| | FAS fixed | 420 |
| Moabi | FAS GMS | 455 |
| | Scantlings | 475 |
| Movingui | FAS GMS | 270 |

Report from Ghana

Volta lake timber resources

Ghana is set to benefit from underwater logging in the Volta Lake, this is expected to begin in September 2010. It is estimated that timber resources worth nearly US\$3 billion are submerged in the lake.

A partnership has apparently been signed between Clarke Sustainable Resources Developments (CRSD) and Triton Logging to implement the commercial phase of the Volta Lake Timber Project. Now the deal has been sealed, Triton will deliver its underwater logging technology to the project, thus paving the way for commercial operations to begin.

The Volta Lake was created with the construction of the Akosombo Dam in 1964, resulting in the submergence of vast areas of forest. In February 2006, the Volta River Authority and Government of Ghana signed an agreement for phase 1 on harvesting, processing and marketing of timber from the Volta Lake with CSRD.

The agreement was ratified by Parliament in 2006 allowing CSRD to plan the timber salvage and processing operations on the Volta Lake. An underwater stock survey and inventory of commercial tree species in the lake and an environmental and social impact assessment study will be conducted before commercial operations commence.

The project plans to deliver certified timber products from Ghana to the global market so to establish Ghana as a world leader in underwater timber harvesting. The project will also develop technologically advanced processing and value-added capacity in the country.

An additional benefit from this project will be safer lake transportation as the submerged trees are removed. There have been fatal boat accidents caused by submerged trees.

Ghana Log Prices

| Ghana logs, domestic | US\$ per m ³ | |
|-------------------------------|-------------------------|----------|
| | Up to 80cm | 80cm+ |
| Wawa | 120-130 | 140-155↑ |
| Odum Grade A | 160-170 | 175-185 |
| Ceiba | 95-100 | 105-125↑ |
| Chenchen | 80-95 | 100-120↑ |
| Khaya/Mahogany (Veneer Qual.) | 90-100 | 110-135↑ |
| Sapele Grade A | 135-150 | 155-175 |
| Makore (Veneer Qual.) Grade A | 125-135 | 140-166 |

Ghana Export Sawwood Prices

| Ghana Sawwood, FOB | € per m ³ | |
|-----------------------------------|----------------------|------------|
| | Air-dried | Kiln-dried |
| FAS 25-100mm x 150mm up x 2.4m up | 855 | - |
| Afrormosia | 500 | 545 |
| Asanfina | 200↑ | 255 |
| Ceiba | 300 | 390 |
| Dahoma | 405 | 430 |
| Edinam (mixed redwood) | 330 | 400 |
| Emeri | 595 | 665 |
| African mahogany (Ivorenensis) | 520 | 600 |
| Makore | 495 | 630 |
| Niangon | 650 | 710 |
| Odum | 540 | 600 |
| Sapele | 260 | 285 |
| Wawa 1C & Select | | |

| Ghana sawwood, domestic | | US\$ per m ³ |
|-------------------------|-------------|-------------------------|
| Wawa | 25x300x4.2m | 242 |
| Emeri | 25x300x4.2m | 325 |
| Ceiba | 25x300x4.2m | 215 |
| Dahoma | 50x150x4.2m | 280 |
| Redwood | 50x75x4.2m | 295 |
| Ofram | 25x225x4.2m | 320↓ |

Ghana Veneer Prices

| Rotary Veneer, FOB | € per m ³ | |
|--------------------|----------------------|-------------|
| | CORE (1-1.9mm) | FACE (<2mm) |
| Bombax | 320 | 350 |
| Ofram, Ogea & Otie | 315 | 350 |
| Chenchen | 320↑ | 360 |
| Ceiba | 325 | 345 |
| Mahogany | 400 | 450 |

The above prices are for full sized panels, smaller sizes minus 15%. Thickness below 1mm would attract a 5% premium.

| Rotary Veneer, FOB Core Grade 2mm & up | | € per m ³ |
|--|--|----------------------|
| Ceiba | | 250 |
| Chenchen | | 280 |
| Ogea | | 295 |
| Essa | | 285 |
| Ofram | | 320↑ |

| Sliced Veneer, FOB | € per sq. m | |
|--------------------|-------------|---------|
| | Face | Backing |
| Afrormosia | 1.19 | 1.00 |
| Asanfina | 1.40 | 0.95 |
| Avodire | 1.20 | 0.80 |
| Chenchen | 1.20 | 0.60 |
| Mahogany | 1.40 | 0.85 |
| Makore | 1.45 | 0.85 |
| Odum | 1.80 | 1.40 |

Ghana Plywood Prices

| Plywood, FOB B/BB, Thickness | € per m ³ | | | |
|---------------------------------|----------------------|-----|-------------|------|
| | Redwoods | | Light Woods | |
| | WBP | MR | WBP | MR |
| 4mm | 560 | 475 | 500 | 370 |
| 6mm | 340 | 325 | 335 | 285 |
| 9mm | 365 | 305 | 290 | 270 |
| 12mm | 300 | 295 | 270 | 270 |
| 15mm | 310 | 300 | 280 | 270 |
| 18mm | 300 | 290 | 285 | 260↑ |

Grade AB/BB would attract a premium of 5%. BB/BB would be 5% less, C/CC 10% less and CC/CC 15% less.

Ghana Added Value Product Prices

| Parquet flooring 1st | FOB € per sq.m | | |
|----------------------|----------------|------------|---------|
| | 10x60x300mm | 10x65-75mm | 14x70mm |
| Apa | 12.00 | 14.47 | 17.00 |
| Odum | 7.80 | 10.20 | 11.00 |
| Hyedua | 13.67 | 13.86 | 17.82 |
| Afrormosia | 13.72 | 18.22 | 17.82 |

Grade 2 less 5%, Grade 3 less 10%.

Report from Malaysia

No new logging

The government of the most industrialised State in Peninsular Malaysia, Selangor, has stopped issuing licenses for logging on all state land. The State government met in July this year and issued a ban on logging on all State land with immediate effect. However, the ban on logging in mangrove forests will only take effect at the end of the year.

The Malaysian Federal Constitution mandates that land and natural resources are matters under the jurisdiction of the State governments. Logging licenses currently held by concessionaires will not be renewed. The ban will not affect clearing on private land such as those owned by forest plantation owners.

A quota of 1,970 ha. of forests for logging under the current year was set aside for the State of Selangor by the National Forestry Council. The quota is the maximum annual area that a State could allocate for timber harvesting. According to the Selangor state forestry department, less than a quarter of the quota has been utilised to date by concessionaires.

Sarawak plantations

Sarawak is planning to plant one million ha. of forest by the year 2020 to reduce dependency on logging in its natural tropical forests.

Sarawak forest department notes that the State had planted 350,000ha. of forest with fast growing species such as Acacia and Rubber in areas that had been logged and were denuded. To-date, the State has only harvested 100,000ha. of its plantation forest.

Acacia was identified a faster growing specie as it could be harvested within 7 years for the paper and pulp industry with a yield of 180 cu.m per ha., and within 10 years for sawnwood and plywood with a yield of 300 cu.m per ha.

Rubberwood fellings delayed

The demand for medical rubber gloves manufactured from latex from rubber trees continue to push the prices of rubberwood upwards as older rubber plantations that were due for felling are being kept for latex production even as yields decline.

With plantation owners opting to tap the trees for rubber latex instead of harvesting the wood, traders in rubberwood believe that this upward trend in rubberwood prices will continue until early 2010. Stocks of

rubberwood that have been languishing in timber warehouses around the country are now being absorbed by the furniture industry.

Furniture business recovery

Malaysian furniture manufacturers are now turning their focus to 2010 for any hope of business recovery. With the market for electronics beginning to pick up there are indications that the Japanese and US economies may be on the mend, albeit slowly.

The Indian market for Malaysian timbers remains soft as construction work seems to be slowing down in major cities across India. The hope is that now the monsoon is over work will resume.

Going into the autumn months in the northern hemisphere and with the winter months just around the corner, prices of plywood, sawnwood and other panel-products for construction purposes are expected to stay depressed or stagnant.

Log Prices

| | US\$ per m ³ |
|---------------------|-------------------------|
| Sarawak log, FOB | |
| Meranti SQ up | 226-250 |
| Small | 210-241 |
| Super small | 200-224 |
| Keruing SQ up | 216-228 |
| Small | 190-220 |
| Super small | 167-197 |
| Kapur SQ up | 206-231 |
| Selangan Batu SQ up | 179-216 |

| | US\$ per m ³ |
|---|-------------------------|
| Pen. Malaysia logs, domestic (SQ ex-log yard) | |
| DR Meranti | 231-250 |
| Balau | 297-326 |
| Merbau | 323-355 |
| Rubberwood | 50-84 ↑ |
| Keruing | 214-230 |

Peninsular Malaysian meranti logs are top grade and are used for scantlings for the EU. Their prices are higher than Sarawak's.

Sawnwood Prices

| | US\$ per m ³ |
|-------------------------------|-------------------------|
| Malaysia Sawnwood, FOB | |
| White Meranti A & up | 280-311 |
| Seraya Scantlings (75x125 KD) | 435-448 |
| Sepetir Boards | 249-271 ↑ |
| Sesendok 25,50mm | 346-364 |
| Kembang Semangkok | 294-317 |

| | US\$ per m ³ |
|------------------------------|-------------------------|
| Malaysian Sawnwood, domestic | |
| Balau (25&50mm,100mm+) | 325-345 |
| Merbau | 455-507 |
| Kempas 50mmx(75,100 & 125mm) | 260-300 |
| Rubberwood | |
| 25x75x660mm up | 199-249 |
| 50-75mm Sq. | 240-272 |
| >75mm Sq. | 262-291 |

Plywood Prices

| | US\$ per m ³ |
|----------------------------|-------------------------|
| Malaysia ply MR BB/CC, FOB | |
| 2.7mm | 406-468 |
| 3mm | 386-416 |
| 9mm & up | 332-404 |

| | US\$ per m ³ |
|-----------------------------|-------------------------|
| Meranti ply BB/CC, domestic | |
| 3mm | 381-422 |
| 12-18mm | 315-344 |

Other Panel Prices

| | US\$ per m ³ |
|-----------------------------|-------------------------|
| Malaysia, Other Panels, FOB | |
| <i>Particleboard</i> | |
| Export 12mm & up | 226-249 |
| Domestic 12mm & up | 211-228 |
| <i>MDF</i> | |
| Export 15-19mm | 281-313 |
| Domestic 12-18mm | 270-288 |

Added Value Product Prices

| | US\$ per m ³ |
|--------------------------|-------------------------|
| Malaysia, Mouldings, FOB | |
| Selagan Batu Decking | 531-541 |
| Red Meranti Mouldings | |
| 11x68/92mm x 7ft up | |
| Grade A | 546-559 |
| Grade B | 499-508 |

Furniture and Parts Prices

| | US\$ per piece |
|---|----------------|
| Malaysia, Rubberwood, FOB | |
| Semi-finished dining table | |
| solid laminated top 2.5'x4', extension leaf | 60-76 ↑ |
| As above, Oak Veneer | 67-81 ↑ |
| Windsor Chair | 59-61 ↑ |
| Colonial Chair | 57-62 ↑ |
| Queen Anne Chair (soft seat) | |
| without arm | 57-65 ↑ |
| with arm | 57-66 ↑ |
| Chair Seat 27x430x500mm | 45-50 |

| | US\$ per m ³ |
|--------------------------------------|-------------------------|
| Rubberwood Tabletop | |
| 22x760x1220mm sanded & edge profiled | |
| Top Grade | 557-590 ↑ |
| Standard | 541-560 ↑ |

Report from Indonesia

Furniture forecasts

Exports of furniture from Indonesia are expected to decline by as much as 18% in 2009, which is down to US\$1.6 billion against US\$1.95 billion in 2008. This is because the European and US economies remain soft says the Indonesian Furniture Industry and Handicrafts Association (Asmindo).

Exports for Q1 2009 were down 24% compared to Q1 2008. However, Asmindo is optimistic that the US and European economies would have bottomed out in 2009.

Considerable efforts have been made by Indonesian manufacturers to penetrate the Middle-Eastern and Eastern European markets. However, sales to these new markets will not be able to make up for the differences as the US and Western European markets take up to 70% of Indonesia's total furniture exports.

Rubberwood prices

While rubberwood prices in Malaysia have been rising, the same cannot be said of trends in Indonesia.

A series of earthquakes which devastated the city of Padang in western Sumatra recently also cripple its entire natural rubber processing and rubberwood product manufacturing operations.

Sawmills and rubber latex plants belonging to smallholders disappeared within minutes.

Padang was a major rubber producing city where much of the country's rubber latex was produced and exported. With much of its infrastructure damaged, the prices of rubberwood have been severely affected. Recovery and reconstruction is expected to be slow so demand for rubberwood will be slow to revive and prices will stay low.

Sustainable forest fund

The secretary general of the Indonesian forestry ministry, who is also the president of the United Nations Forum on Forestry (UNFF), is working to establishing a new sustainable forest fund under the auspice of the UNFF. It is anticipated that this will be agreed at the eighth UNFF meeting during the United Nations Economic and Social Council (Ecosoc)'s session in New York.

Among the number of objectives of the new forest fund is aid to small island states as well as promoting international cooperation in financing and adoption of climate change mitigation activities.

Log Prices (domestic)

| Indonesia logs, domestic prices | US\$ per m ³ |
|---------------------------------|-------------------------|
| Plywood logs | |
| Face Logs | 187-230 |
| Core logs | 169-202 |
| Sawlogs (Meranti) | 174-235 |
| Falcata logs | 143-177 |
| Rubberwood | 43-67 |
| Pine | 157-196 |
| Mahoni (plantation mahogany) | 467-493 |

Sawnwood Prices

| Indonesia, construction material, domestic | US\$ per m ³ |
|--|-------------------------|
| Kampar (Ex-mill) | |
| AD 3x12-15x400cm | 171-190 |
| KD | 194-228 |
| AD 3x20x400cm | 217-240 |
| KD | 221-248 |
| Keruing (Ex-mill) | |
| AD 3x12-15x400cm | 233-247 |
| AD 2x20x400cm | 219-237 |
| AD 3x30x400cm | 200-219 |

Plywood Prices

| Indonesia ply MR BB/CC, FOB | US\$ per m ³ |
|-----------------------------|-------------------------|
| 2.7mm | 396-453 |
| 3mm | 353-394 |
| 6mm | 311-375 |

| MR Plywood (Jakarta), domestic | US\$ per m ³ |
|--------------------------------|-------------------------|
| 9mm | 251-262 |
| 12mm | 243-253 |
| 15mm | 232-246 |

Other Panel Prices

| Indonesia, Other Panels, FOB | US\$ per m ³ |
|------------------------------------|-------------------------|
| <i>Particleboard</i> Export 9-18mm | 216-225 |
| Domestic 9mm | 191-203 |
| 12-15mm | 183-194 |
| 18mm | 173-185 |
| <i>MDF</i> Export 12-18mm | 249-262 |
| Domestic 12-18mm | 231-242 |

Added Value Product Prices

| Indonesia, Mouldings, FOB | US\$ per m ³ |
|---|-------------------------|
| Laminated Boards | |
| Falcata wood | 297-309 |
| Red Meranti Mouldings 11x68/92mm x 7ft up | |
| Grade A | 486-520 ↓ |
| Grade B | 441-462 ↓ |

Report from Myanmar

New grades for Pyinkado

It was learnt that Myanmar Timber Enterprise (MTE) has issued a new price list for Pyinkado (*Xylia dolabiformis*) logs. One interesting aspect here is that, up to now, the grades for Pyinkado were Export Quality and Export Rejection Quality only.

In the new price list, Pyinkado logs will be classified as: 1st Quality; 2nd Quality; 3rd Quality; 4th Quality, Assorted Quality and Export Rejection Quality.

These prices became effective for new contracts issued from 18 September 2009.

Reports indicate that, currently, there are huge outstanding contracts at the old prices and that it will take sometime to fulfill these. Once these contracts are satisfied the new prices will apply. However, as the monsoon season is over and fresh logs have started to come out, buyers who have no valid contracts will have to buy them at new prices. But analysts expect resistance to the new price structures. For the time being old prices will be still in effect for most buyers.

Prices are as follows:

| Grade | US\$/ H.ton |
|---|-------------|
| 1 st Quality (Girths 7' & up) | US\$ 678 |
| 2 nd Quality (Girths 6' & up) | US\$ 650 |
| 3 rd Quality (Girths 5' & up) | US\$ 622 |
| 4 th Quality (Girths 5' & up) | US\$ 565 |
| Assorted (Girths 4' & up) | US\$ 509 |
| Export Rejection (Girths 4' & up) | US\$ 480 |
| N.B. 'Quality' here is synonymous with grade. | |

Market conditions

Market conditions remain unchanged from the past months. While most markets are still struggling, it is only the Indian market that remains active.

India is one of the largest importers of Pyinkado logs from Myanmar and log buyers operating in Myanmar are concerned about the reaction of end-users in India to the new prices.

As these new prices will take effect only after the old contracts are exhausted, it may take some months to really see what the repercussions are.

Myanmar certification

A workshop on timber certification held mid October. It was reported that the Forestry Minister attended the opening ceremony and spoke on Criteria and Indicators

(C&I), Chain of Custody (COC) and Sustainable Forest Management (SFM).

He also talked about establishing a timeframe and developing a stepwise implementation of the ASEAN Guidelines on Phased Approach on Timber Certification by 2015. He stressed the need to have Myanmar timber certified in order to have maintain access to international markets.

U Shwe Kyaw, Retired Director General of the Forest Department (FD), spoke on the progress made on timber certification in Myanmar. U Zaw Win and U Barber Cho of the Myanmar Timber Merchants Association (MTA) spoke on the Demand for Certification in Timber Trade.

Myanmar Log Prices (natural forests)

| Teak Logs, FOB | € Avg per Hoppus Ton (traded volume) | |
|----------------------------|---|---------------------|
| Veneer Quality | Aug | Sep |
| 2nd Quality | - | - |
| 3rd Quality | 4,550 (4 tons) | 3,513 (5 tons) |
| 4th Quality | 3,509 (10 tons) | 3,463 (11 tons) |
| Sawing Quality | Aug | Sep |
| Grade 1 (SG-1) | 2,281 (40 tons) | 2,482 (36 tons) |
| Grade 2 (SG-2) | 1,895 (56 tons) | 1,984 (41 tons) |
| Grade 3 (SG-3) | - | - |
| Grade 4 (SG-4) | 1,652 (196 tons) | 1,813 (208 tons) |
| Grade 5 (SG-5) Assorted | 1,578 (146 tons) | 1,583 (178 tons) |
| Grade 6 (SG-6) Domestic | 1,310 (80 tons) | 1,253 (58 tons) |
| Grade 7 (ER-1) | 982 (76 tons) | 999 (86 tons) |
| Grade 8 (ER-2) | - | - |

Hoppus ton=1.8m³; All grades, except SG-3/5/6, are length 8' x girth 5' & up. SG-3/4/6 are girth 4' & up. SG-3 grade is higher than SG-4 but with lower girth and price.

Prices differ due to quality or girth at the time of the transaction.

Hardwood log Prices (FOB)

| | € per hoppus ton |
|----------------------|------------------|
| Pyinkado | 420 |
| Gurjan (keruing-exp) | 221 |
| Tamalan (export) | 338 |
| In-gujan | 221 |
| Yamane (export) | 150 |

All prices are per hoppus ton FOB, equivalent to 1.8 cu.m

Report from India

Economy good

The progress of the Indian economy continues to be good and the data for July 2009 reports a GDP figure of 6.4 %. The Indian Planning Commission's latest assessment for annual GDP is 6.3% with the inflation rate being maintained at around 5%.

In the property sector the long running buyers market has shifted perceptibly towards a seller's market and this is reflected in housing starts and timber imports.

Business in the timber sector, especially for sawnwood and wood based panel products, has been brisk. There are reports of considerable increases in demand for PF bonded film faced plywood and doors and frames.

Analysts say the market for machine made doors and frames is steaming ahead with a growth rate of about 15% per annum and this is driving the re-tooling of old factories.

The tail-end of the departing south west monsoon has caused floods at some places but overall it has proved a boon in most of the areas, helping the crops which in turn will lift consumer spending and support demand for wood for building and allied uses in rural India.

Rising prices for plantation wood

The industry has voiced concern over the rising prices for plantation grown eucalyptus, acacia mangium and poplar. The price increases are tempting more industries to think in terms of importing competitive raw materials for peeling for core veneer for plywood.

American hardwoods are being aggressively promoted in India and the promotion is working. Poplar is gaining market share.

Imports of core veneer logs will ease the production cost especially for those factories close to the ports more so than for factories inland, for example in Uttaranchal and Haryana, which face high haulage costs.

Some people are saying the Indian Plant Quarantine department needs to re-examine the current regulations and remove restrictions on imported species. This they say is required as imports augment domestic raw material supplies and benefit employment, the environment and the economy in general. The Association of Industries has been called upon to take the initiative for this.

Expand the resources base

To expand the resource base the timber industry is lobbying for a change of use for the so-called 'Cultivable Non forest Areas' and degraded forest lands. These, it says, should be allocated for plantations of fast growing species.

There is great scope in this field as it would open more land to industrial companies, help carbon absorption to

earn carbon credits, generate a sustainable raw material base and aid rural employment.

The industry says the time has come for Government to help existing industries to establish plantations which will provide a sustainable raw material base and encourage new investors into the sector. The minister in charge of forests and the environment, Mr. Jairam Ramesh, has been asked to support this idea for expanding the plantations.

Teak trade

On the trade front, the flow of teak and other hardwood logs was satisfactory in the period under review. The exports performance for wood products was also good.

With less Teak coming in from Myanmar and Thailand demand is strong and rising.

The volumes of teak imported from sources other than Myanmar are below the levels a few months ago and this is causing the market to firm.

Teak prices

| | |
|-------------------------|----------------|
| Sudan Teak logs Green | USD 585 |
| Sudan Teak logs Dry | USD 535 |
| Ivory Coast Teak logs | USD 500 to 525 |
| Thai Teak logs | USD 400 to 450 |
| Papua & New Guinea Teak | USD 400 to 425 |
| Guatemala Teak logs | USD 395 |
| Ghana Teak logs | USD 375 to 400 |
| Benin Teak logs | USD 375 to 400 |
| Togo Teak logs | USD 325 to 350 |
| Ecuador Teak logs | USD 300 to 325 |
| Costa Rica Teak logs | USD 300 to 325 |
| Panama Teak logs | USD 275 to 300 |

All rates are per cubic meter C&F Indian ports.

The variations in price depend upon the thickness of sap, bark, percentage of heartwood and clarity of logs. It also varies with measurement allowances given for bark and sap.

India Sawnwood Prices (domestic)

| Indian sawnwood (Ex-mill) | Rs. per ft ³ |
|---------------------------|-------------------------|
| Teak (AD) | |
| Plantation Teak A grade | 1850-3500 |
| Plantation Teak B grade | 1700-2850 |
| Plantation Teak C grade | 1100-1450 |

India Sawnwood Prices (imports)

| Sawnwood, (Ex-mill) (AD) | Rs. per ft ³ |
|--------------------------|-------------------------|
| Merbau | 1400 |
| Balau | 1150 ↓ |
| Kapur | 850 |
| Red Meranti | 650 ↓ |
| Bilinga | 650 |
| Radiata Pine (AD) | 300-400 ↓ |

| Sawnwood, (Ex-warehouse) (KD) | Rs per ft ³ |
|-------------------------------|------------------------|
| Beechwood | 1200 |
| Sycamore | 1250 |
| Oakwood | 1300 |
| American Walnut | 2250 |
| Hemlock clear grade | 950 |
| Hemlock AB grade | 800 |
| Western Red Cedar | 1250 |

India Plywood Prices

| Plywood, (Ex-warehouse) (MR Quality) | Rs per ft ² |
|--------------------------------------|------------------------|
| 4 mm | 21 |
| 6 mm | 30.5 |
| 12 mm | 44 |
| 15 mm | 53 |
| 18 mm | 64 |

Report from Brazil

Brazilian currency appreciation pain

The wood-processing industries have faced difficulties over the past few years due to the fall in exports and the appreciation of the Brazilian Real against the US dollar. Brazilian exports from January to August of last year totaled US\$1.998 billion down 46% on the same period of 2009.

In the state of Paraná, exports fell from US\$632 million to US\$343 million in the first eight months of 2009, compared to the same period of last year.

In an effort to address the problem of falling exports, entrepreneurs in the timber sector recently suggested to the Federation of Industries of Paraná (FIEP), the creation of a financing programme for wooden housing, more integration of the sector, higher investment in technology and innovation and reduction of the tax burden on industries in the sector.

According to the Brazilian Association of Mechanically-Processed Timber Industry (ABIMCI), the first signs of recovery in sales were registered in August.

The sector expects that sales will stop falling at the end of the vacation period in Europe, citing the experience that the second half of the year is usually better than the first. But other exporting countries are beginning to think this is a vain hope.

Fall in exports

Alta Floresta, in the West-Central state of Mato Grosso, exported 20% less wood products between January to August 2009, compared to the same period of last year.

Wood is the main export from the state. In August 2009, exports of non-coniferous (tropical) products were around US\$6.7 million. Exports of other products including blocks, laminated items and mouldings were around US\$305,200. Sawnwood exports totaled some US\$254,600.

The largest export market was the United States accounting for US\$3.9 million, followed by Canada at US\$1.3 million, Spain US\$592,000, India US\$305,000 and Israel with US\$282,300.

Mandatory wood identification

A new House of Representatives bill (No. 5362/09) makes mandatory the identification of species logged. The measure will be obligatory to facilitate chain of custody from harvesting, transportation to commercialization.

The draft bill establishes that the identification will be carried out using a scientifically-reliable technique. As such, a certificate issued by the supplier of the raw material or for the traded product will not be sufficient to prove the product origin.

Although in Brazil wood is sold with 'green seals' and 'certificate of origin', many high-value endangered tree species are still being harvested and sold without appropriate documents issued by the Brazilian Institute of Environment and Natural Resources (IBAMA) or state control agencies.

DNA reader

The new draft bill does not specify the technique to be used in the timber identification. However, the technology to identify DNA has been developed in Canada and has been already used in some countries for food safety etc.

DNA bar coding is said to be a fast and inexpensive tool to identify species of flora and fauna. The expectation is that inspectors in Brazil will have wireless DNA reader to identify species on the spot.

Brazilian agenda in Copenhagen

'Reducing Emissions from Deforestation and Forest Degradation' (REDD) has gained importance on the COP-15 agenda to be discussed later this year in Copenhagen, when the mechanisms for combating climate change after 2012 are expected to be defined.

In the second week of September, the Brazilian President met with the Brazilian Task Force on REDD and Climate Change, formed by governors of the nine Brazilian Amazonian states. It was agreed that forests will be part of the Brazilian agenda in Copenhagen.

There are some basic concerns on the finance mechanisms for REDD. The major concern of Brazil is whether this funding should be public or private, or a mixture of both.

Brazil has projects that illustrate the feasibility of two types of arrangements, without being mutually exclusive. These are the Amazon Fund, administered by the National Bank for Economic and Social Development (BNDES). This operates from donations (so far it received a contribution of BRL 215 million from the Norwegian Government). The other project is conducted under the Sustainable Amazon Foundation. The later administers public and private resources in a project with indigenous people in protected areas of the state of Amazonas.

The scope of the projects, either nationally or sub-nationally, is directly related to companies' interest to contribute funds for REDD programmes.

The Conservation and Sustainable Development of Amazonia (IDESAM) institute estimates that combating deforestation would require about US\$15 billion per year.

The driver of deforestation is the market demand for products deforestation generates. IDESAM suggests there

is a need to strengthen the dynamics of an economy based on forest products from biome preservation.

Within this framework companies will have an interest in participating when clearly identify values are identified taking into account environmental, social and economic benefits.

REDD, it is claimed, is a window of opportunity for Brazil and other countries in the region. However, there is a consensus that there are risks also.

Brazil Log Prices (domestic)

| | US\$ per m ³ |
|-------------------------------------|-------------------------|
| Brazilian logs, mill yard, domestic | |
| Ipê | 140 |
| Jatoba | 99 |
| Guariuba | 67 |
| Mescla (white virola) | 73 |

Brazil Export Sawwood Prices

| | US\$ per m ³ |
|-------------------------------------|-------------------------|
| Sawwood, Belem/Paranagua Ports, FOB | |
| Jatoba Green (dressed) | 785 |
| Cambara KD | 457 |
| Asian Market (green) | |
| Guariuba | 259 |
| Angelim pedra | 592 |
| Mandioqueira | 228 |
| Pine (AD) | 189 |
| Brazil sawwood, domestic (Green) | US\$ per m ³ |
| <i>Northern Mills</i> (ex-mill) | |
| Ipê | 658 |
| Jatoba | 505 |
| <i>Southern Mills</i> (ex-mill) | |
| Eucalyptus (AD) | 181 |
| Pine (KD) 1st grade | 235 |

Brazil Veneer Prices

| | US\$ per m ³ |
|-------------------------------------|-------------------------|
| Veneer, FOB (Belem/Paranagua Ports) | |
| White Virola Face 2.5mm | 290 |
| Pine Veneer (C/D) | 205 |
| Rotary cut Veneer, domestic | US\$ per m ³ |
| (ex-mill Northern Mill) | Face Core |
| White Virola | 245 205 |

Brazil Plywood Prices

| | US\$ per m ³ |
|---|--------------------------|
| Plywood, FOB | |
| White Virola (US Market) | |
| 5.2mm OV2 (MR) | 455 |
| 15mm BB/CC (MR) | 394 |
| White Virola (Caribbean market) | |
| 4mm BB/CC (MR) | 499 |
| 12mm BB/CC (MR) | 400 |
| Pine Plywood EU market, FOB | US\$ per m ³ |
| 9mm C/CC (WBP) | 265 |
| 15mm C/CC (WBP) | 242 |
| 18mm C/CC (WBP) | 237 |
| Plywood, domestic (ex-mill Southern mill) | US\$ per m ³ |
| Grade MR (B/BB) | White Virola 4mm 839 |
| | White Virola 15mm 614 |

Domestic prices include taxes and may be subject to discounts.

Other Brazil Panel Prices

| | US\$ per m ³ |
|---|-------------------------|
| Belem/Paranagua Ports, FOB | |
| Blockboard Pine 18mm 5 ply (B/C) | 309 |
| <i>Domestic Prices, Ex-mill Southern Region</i> | |
| Blockboard White Virola faced 15mm | 537 |
| Particleboard 15mm | 340 |

Brazil Added Value Products

| | US\$ per m ³ |
|---------------------------|-------------------------|
| FOB Belem/Paranagua Ports | |
| Edge Glued Pine Panel | |
| Korean market (1st Grade) | 631 |
| US Market | 482 |
| Decking Boards | |
| Cambara | 593 |
| Ipê | 1,540 |

Report from Peru

Exports to grow in 2010

The forestry and timber sector is probably the main economic activity in the Peruvian rainforest and this sector has not been immune to the effects of the international financial crisis. However, the manager of Husqvarna in Peru has said that the effects of the global recession are already being overcome and that he is optimistic for 2010 wood product exports which could grow by about 30% from 2009 levels.

By way of example it is reported that economies such as in Loreto, which depends on wood products, has seen a 70% fall in exports from January to July 2009 compared to the same period a year ago.

In Ucayali, the drop was around 50% and in San Martin the decline is estimated at around 30%. Nationally between January and July 2009 exports of wood products were down about 55%.

In 2009 domestic demand held up better and the domestic demand forecasts for 2010 are positive as there are good prospects in the construction sector which will revive as the global situation eases.

Peru to reduce clearing for agriculture

Over the next 10 years it has been proposed that the clearing of Amazonian forests (currently at around 150,000 hectares annually) will be reduced to zero. This proposal has been attributed to the Minister of the Environment, Antonio Brack.

Harmonising environmental management

According to the Director of Policies of the Department of the Environment, environmental impact assessment is to be introduced for public and private sector developments in a wide range of sectors.

The regulations on EIA are to be applied to agricultural and forestry activities as well as to other industrial and commercial sectors.

Peru Sawwood Prices

| | US\$ per m ³ |
|--|-------------------------|
| Peru Sawwood, FOB Callao Port | |
| Mahogany S&B KD 16%, 1-2" random lengths (US market) | 1722-1798 |
| Spanish Cedar KD select | |
| North American market | 918-922 |
| Mexican market | 897-921 |
| Pumaquiro 25-50mm AD | |
| Mexican market | 503-535 ↑ |

*Cheaper and small-dimension sawwood for this market.

| | US\$ per m ³ |
|---|-------------------------|
| Peru Sawwood, FOB Callao Port (cont.) | |
| Virola 1-2" thick, length 6'-8' KD | |
| Grade 1, Mexican market | 296-351 |
| Grade 2, Mexican market | 250-269 |
| Cumaru 4" thick, 6'-11' length KD | |
| Central American market | 794-822 |
| Asian market | 787-811 ↑ |
| Ishpingo (oak) 2" thick, 6'-8' length | |
| Spanish market | 509-549 |
| Dominican Republic | 558-569 |
| Marupa (simarouba) 1", 6-11 length Asian market | 352-377 |

| | US\$ per m ³ |
|--|-------------------------|
| Peru Sawwood, FOB Iquitos | |
| Spanish Cedar AD Select Mexican market | 887-909 |
| Virola 1-2" thick, length 6'-13' KD | |
| Grade 1, Mexican market | 281-309 |
| Grade 2, Mexican market | 244-259 |
| Grade 3, Mexican market | 132-151 |
| Marupa (simarouba) 1", 6-13 length KD | |
| Grade 1, Mexican market | 211-222 |

| | US\$ per m ³ |
|------------------------|-------------------------|
| Peru sawwood, domestic | |
| Mahogany | 887-923 |
| Virola | 46-61 |
| Spanish Cedar | 268-321 |
| Marupa (simarouba) | 57-69 |

Peru Veneer Prices

| | US\$ per m ³ |
|--------------------|-------------------------|
| Veneer FOB | |
| Lupuna 3/Btr 2.5mm | 191-212 ↑ |
| Lupuna 2/Btr 4.2mm | 203-217 |
| Lupuna 3/Btr 1.5mm | 211-221 |

Peru Plywood Prices

| | US\$ per m ³ |
|--|-------------------------|
| Peru plywood, FOB (Mexican Market) | |
| Copaiba, 2 faces sanded, B/C, 15x4x8mm | 318-347 |
| Virola, 2 faces sanded, B/C, 5.2x4x8mm | 398-405 |
| Cedar fissilis, 2 faces sanded 4x8x5.5mm | 745-755 |
| Lupuna, treated, 2 faces sanded, 5.2x4x8mm | 348-359 |
| Lupuna plywood | |
| B/C 15x4x8mm | 341-350 |
| B/C 9x4x8mm | 345-350 |
| B/C 12x4x8mm | 350-360 |
| B/C 8x4x15mm | 410-419 |
| C/C 4x8x4mm | 380-388 |
| Lupuna plywood B/C 8x4x4mm Central Am. | 368-388 |

| | US\$ per m ³ |
|--|-------------------------|
| Lupuna Plywood BB/CC, domestic (Iquitos mills) | |
| 122 x 244 x 4mm | 441 |
| 122 x 244 x 6mm | 397 |
| 122 x 244 x 8mm | 409 |
| 122 x 244 x 12mm | 399 |
| (Pucallpa mills) | |
| 122 x 244 x 4mm | 458 |
| 122 x 244 x 6mm | 439 |
| 122 x 244 x 8mm | 430 |
| 122 x 244 x 12mm | 429 |

Other Peru Panel Prices

| | US\$ per m ³ |
|------------------------------|-------------------------|
| Peru, Domestic Particleboard | |
| 1.83m x 2.44m x 4mm | 282 |
| 1.83m x 2.44m x 6mm | 230 |
| 1.83m x 2.44m x 12mm | 204 |

Peru Added Value Product Prices

| | US\$ per m ³ |
|--|-------------------------|
| Peru, strips for parquet | |
| Cabreuva/estoraque KD12% S4S, Asian market | 1344-1433 |
| Cumaru KD, S4S | |
| Swedish market | 723-802 ↑ |
| Asian market | 996-1175 ↑ |
| Cumaru decking, AD, S4S E4S, US market | 898-1047 ↑ |
| Pumaquiro KD # 1, C&B, Mexican market | 398-471 ↑ |
| Quinilla KD, S4S 2x10x62cm, Asian market | 496-538 |
| 2x13x75cm, Asian market | 683-789 ↑ |

Correction

In Volume 14 Number 18, 16-30 September 2009 we referred to a grant provided to Peru by JICA this was incorrect. The support provided by Japan is actually through a loan not a grant for Yen 4 billion for environmental projects including forest conservation.

Report from Bolivia

Bolivia Sawwood Prices

| | \$ Avg un. val. per m ³ |
|---|------------------------------------|
| Sawnwood 1-3"x3x5"x7-19', FOB Arica Port Ipe (Argentina and Uruguay) | 402-593 |
| Jequitiba (Italian markets) | 613 |
| Oak (Portuguese mkt) | 678 |
| Cedro (US, Argentina, Chile mkt) | 593-720 |

Bolivia Added Value Product Prices

| | Avg \$ per piece |
|-------------------------------------|------------------|
| Doors 13/4"x36"x96", FOB Arica Port | |
| US market Mara macho/Tornillo (FSC) | 170 |
| Cambara | 177 |
| Oak (US market) | 159 |

| | \$ Avg Per piece |
|---|------------------|
| Chairs FOB Arica Port | 80-178 |
| Ipe (US market) | 71-94 |
| Roble/Oak (UK market) | |
| Parquet Flooring 3/4"x3-5"x1-7', FOB Arica Port | |
| Jatoba (US market) | 1185-1525 |
| Ipe (US market) | 805-1800 |
| Cumaru (FSC) (China mkt) | 1620-1785 |

Report from Mexico

ProTree programme

The National Forestry Agency (Conafor) began a revision and improvement process which includes refinement of the ProTree programme, said its director, Jose Manuel Torres.

The ProTree programme review will be done focusing resources on strategic areas, encouraging the preservation activities, restoration and productivity as well as a concentration on institutional issues.

The new CEO of the National Forestry Agency said that special emphasis will be on monitoring the application of human, material and economic resources.

He also emphasized that there is a strong government commitment to support the development of forest areas especially those with huge marginal areas.

ProTree applies resources generating opportunities for owners and holders of forest land, promoting community development and strengthening supply chains without neglecting conservation and restoration.

Mexico to host climate change conference

Mexico will host the XVI Conference of the Parties on the Framework Convention of the United Nations against Climate Change next year.

At the closing of the eighth XXI Century Mexico Forestry Expo, the President said the effort that Mexicans do for the environment is recognized worldwide today. The establishment of forest plantations has been promoted for the production of pulp and paper and the furniture manufacturing.

Report from Guyana

Market Trends

Greenheart and Mora logs prices remained fairly stable in the period under review while prices for Purpleheart logs (standard sawmill and fair sawmill qualities) experienced a decline for the period.

Compared to the previous period reported, prices for rough sawn Greenheart lumber have fallen for both prime and select categories. Mora sawnwood prices have remained relatively stable.

Dressed Greenheart, standard quality has enjoyed favourable prices (USD 1165/959 per cu.m) for the period. On the other hand, Baromalli plywood has recorded a small drop in price for both the BB/CC and utility category.

Prices for roundwood (which includes piles, post and charcoal) have been in positive territory.

Growth in exports of value added products and non timber products was significant with doors and wooden utensils being major contributors, followed by other categories which includes mouldings, spindles, indoor and outdoor furniture.

Guyana Expo

Under the theme "Promoting Business in a Low Carbon Environment" the national trade show in Guyana held on October 1st - 6th 2009, dubbed 'GUYEXPO' saw strong support from investors and manufacturers locally, regionally and internationally. This event was held at the National Exhibition Centre in Sophia, Guyana.

According to the Guyana Office for Investment, the organization acting as the primary contact for investors and exporters, Guyana is unique and there are a number of investment opportunities available. These include Guyana's strategic geographical location on the northeast coast of South America outside the hurricane zone, with preferential access to American and European Union markets.

Agrifest Guyana

The Ministry of Agriculture, through the Guyana Marketing Corporation, will be hosting another significant event, Agifest, as part of the 'Agricultural Month' activities. This is the inaugural Agrifest, Guyana's leading Agriculture Trade and Investment Festival. Agrifest 2009, a one-day trade and investment festival to be held on 31st October at the National Stadium in Guyana, will culminate the Agriculture Month activities.

Guyana Log Prices

| Logs, FOB Georgetown | SQ - \$ Avg unit value per m ³ | | |
|----------------------|---|-----------|-------|
| | Std | Fair | Small |
| Greenheart | 150 ↓ | 140 ↓ | 130 ↓ |
| Purpleheart | 180-235 ↓ | 160-215 ↓ | 150 ↓ |
| Mora | 120 | 110 | 100 |

*Small SQ is used for piling in the USA and EU. Price depends on length.

Guyana Sawwood Prices

| Sawwood, FOB Georgetown | | \$ Avg unit val. per m ³ | |
|-------------------------|-----------------|-------------------------------------|------------|
| | | Undressed | Dressed |
| EU and US markets | | | |
| Greenheart | Prime | 675 ↑ | - |
| | Select/Standard | 575 – 700 ↓ | 551-1165 ↑ |
| Purpleheart | Prime | - | - |
| | Select/Standard | - | 594-790 ↓ |
| Mora | Select | 400-500 | - |

Guyana Plywood Prices

| Plywood, FOB Georgetown Port | | \$ Avg unit val. per m ³ | |
|------------------------------|-------------|-------------------------------------|---|
| Baromalli | BB/CC 5.5mm | - | - |
| | 12mm | 415 ↓ | - |
| Utility | 5.5mm | - | - |
| | 12mm | 404 ↓ | - |

Report from Japan

Strong Yen hits log prices

The recent strengthening of the Japanese Yen affected prices of imported logs. At one point last month it looked as if the Yen had stopped its strengthening trend and Japanese buyers started to show signs of buying tropical logs. But, with the stronger Yen and FOB prices in US\$ falling, buyers have pulled out of the market again.

However, the Japan Lumber Reports (JLR) is saying that any drastic drop in log prices is unlikely as plywood mills have started to increase production and are actively buying.

Over the past 2-3 months log consumption by plymills has increased to over 50,000 cubic metres monthly and the forecasts are for this to be maintained.

The JLR reports that Sarawak Kapur log prices are firming due to active buying by India. At prices of US\$240-250 per cu.m Japanese buyers pull out of purchasing. Overall tropical log prices are reported as steady.

Ranking house builders

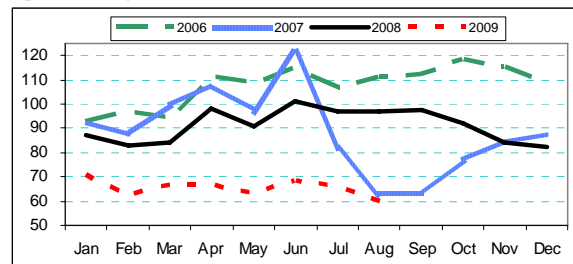
It has been reported that the Japan Forest Products Journal has concluded a survey of house builders. For 2008, the top builder was Tama House which claims to have built over 10,000 units. Second ranked was Sumitomo Forestry with over 9,000 units. The survey notes that many house building companies have gone bankrupt and that this is causing realignment in the house building sector in Japan.

In other news, Sumitomo Forestry is reported as having acquired a major share in an Australian house builder. This is part of the companies plan to diversify its business outside of Japan to compensate for falling starts in the Japanese market.

August housing starts

Total housing starts are reported by the JLR. August starts were down over 38% on the same month in 2008 and the August data represent nine consecutive months of falling starts.

Japan Housing Starts 2006-2009 (000 units)



N. American sawnwood

For the first seven months of the year imports of N. American sawnwood is almost 30% lower than for the same period last year. July arrivals are down 34% year on year. The weak housing market is primarily the cause of the falling imports.

Wood flooring for Japan

China is now a major producer of high quality wooden flooring and is attracting Japanese buyers. Wood flooring is manufactured in Dalian, Shanghai, Guanzhou and Kunming. Hardwood timbers such as oak and ash from Russia are processed in Dalian while in Shanghai and Guanzhou there is more emphasis on tropical hardwood flooring.

Japanese buyers first dealt with producers in Dalian for the oak and ash flooring but eventually shifted purchases to the Shanghai and Guanzhou area where the quality was reportedly better. However, because of rising prices of flooring from Shanghai and Guanzhou manufacturers who are facing rising production costs, Japanese buyers have reverted to buying from producers in the Dalian area.

The trend is now to purchase composite flooring with hardwood overlays as the demand in Japan is for inexpensive flooring.

Low carbon housing

The JLR is reporting on the momentum towards reduction of carbon emissions and other energy saving systems in housing.

To effect a reduction in carbon dioxide emissions in the life cycle of a building Japan is developing what is called locally the Life Cycle Carbon Minus (LCCM) house design.

Designs for model house are scheduled to be completed by the end of this year and units will be built and assessed for carbon reductions in 2011.

Log and Sawnwood Prices in Japan

| Logs for Ply Manufacture, CIF | Yen per Koku |
|--|------------------------------|
| Meranti (Hill, Sarawak) | (Koku=0.278 m ³) |
| Medium Mixed | 6,800 ↓ |
| Standard Mixed | 7,000 ↓ |
| Small Log (SM60%, SSM40%) | 6,800 ↓ |
| Taun, Calophyllum, others (PNG) | 7,500 |
| Mixed light hardwood, G3/4 grade (PNG) | |
| Keruing MQ & up (Sarawak) | 10,800 |
| Kapur MQ & up (Sarawak) | 9,200 |

| | |
|---|---|
| Logs for Sawmilling, CIF Melapi (Sarawak) High Select Agathis (Sarawak) High Select | Yen per Koku 11,500 - |
| Lumber, FOB White Seraya (Sabah) 24x150mm, 4m, Grade 1 Mixed Seraya, Sangi 24x48mm, 1.8-4m, S2S | Yen per m ³ 135,000 ↓ 53,000 |

Wholesale Prices (Tokyo)

| Indonesian & Malaysian Plywood | Size (mm) | Sep | | Oct | |
|---|-------------|-------------|------|-------------|--|
| | | ¥ per sheet | | ¥ per sheet | |
| 2.4mm (thin plywood, F 4star, type 2) | 920 X 1830 | 320 | 320 | | |
| 3.7mm (med. Thickness, F 4star, type1) | 910 X 1820 | 460 | 450 | ↓ | |
| 5.2mm (med. Thickness, F 4star, type 1) | 910 X 1820 | 570 | 550 | ↓ | |
| 11.5mm for sheathing (F 4star, type 2) | 910 X 1820 | 880 | 880 | | |
| 12mm for foundation (F 4star, special) | 910 X 1820 | 890 | 890 | | |
| 12mm concrete-form ply (JAS) | 900 X 1800 | 810 | 820 | ↑ | |
| 12m coated concrete-form ply (JAS) | 900 X 1800 | 934 | 930 | ↓ | |
| 11.5mm flooring board | 945 X 1840 | 1050 | 1070 | ↑ | |
| 3.6mm baseboard for overlays (OVL) | 1230 X 2440 | 740 | 740 | | |
| OSB (North American) | | | | | |
| 12mm foundation of roof (JAS) | 910 X 1820 | 1000 | 1000 | | |
| 9mm foundation for 2 by 4 (JAS) | 910 X 2440 | 1050 | 1050 | | |
| 9mm conventional foundation (JAS) | 910 X 2730 | 1250 | 1250 | | |
| 9mm conventional foundation (JAS) | 910 X 3030 | 1350 | 1350 | | |

Report from China

Coping with climate change

At a speech made at the UN submit on climates change held in September, Mr. Jia Zhibang, Administrator of the State Forest Administration of China, said that the Chinese Government attaches importance to the role of forests in mitigating climate change and has invested over US\$70 billion in this field.

Five measures have been taken by the central government to deal with the problems of deforestation and forest degradation. These are :

- tree planting and returning farmland to forest,
- protecting natural forest,
- preventing forest fires,
- strengthening forest management
- controlling logging.

To date, China has established 53 million hectares of plantations, accounting for about one third of the global total.

To address climate change the Chinese Government has a Forestry Action Plan to actively promote forestry cooperation at both regional and global levels.

The Chinese Government intends to continue to enhance tree planting and forest protection so as to realise the 2020 goal of a forest area increase to 40 million hectares.

Increasing plantation

Plans are being prepared to expand fast growing and high yielding forest plantations for large-diameter timber so as to meet the increasing timber demands.

Since the country's plantation programme was launched in 2002, the scale of tree planting continues to expand. Currently, 6.55 million hectares of plantations have been established to service a number of industrial zones.

These industrial zones include the southern timber forest industrial zones in Guangdong, Guangxi, Hainan and Fujian; the central and eastern timber forest industrial zones in the middle and lower reaches of Yangtze River and Yellow River and the central and eastern timber forest industrial zones in the northeast and Inner Mongolia.

Farmland converted to forest

It is reported that from 1999 to 2008, 403 million mu (27 million hectares) of farmland have been converted to forest, an area equal to the total area of the state owned forest areas of Northeastern and Inner Mongolian. Of the total area planted, 139 million mu were on returned land, 237 million mu were on barren hills and 27 million mu were cultivated on hillsides.

Energy forests

Mr. Zhang Jianlong, Vice Administrator of State Forest Administration, reportedly said recently that 200 million mu of fuel/energy forest will be established by 2020. This area will possibly yield 6 million tons of bio fuel for a 1 500 kilo watt power output.

Electronic timber trade

The Manzhouli Timber Transaction Center, jointly run by China's Electronic Timber Transaction Market (TEX) and the Manzhouli Economic District, began operation in August 2009. It has been reported that the volume of Mongolia Scotch Pine lumber traded reached 30,000 cu.m worth some RMB 43.6 million.

Located on the borders of China, Russia and Mongolia, Manzhouli is the largest port for timber trade between China and Russia. Of the traded products timber and oil account for more than 50 percent.

According to a report issued jointly by China's Electronic Timber Transaction Market and China's Timber Distribution Association, around 30 million cu.m of logs are imported annually and about 50-60 percent is from Russia. Of this 30% come through Manzhouli Port.

The economy in Manzhouli has suffered seriously because of the global financial and because of the increase in export tariff applied by Russia. According to the data issued by statistics bureau of the city, GDP in first quarter of this year was only RMB1.54 billion, down 15% from the same period of last year.

The volume of timber processed locally was only 540 000 cu.m, down 39% from the same period of last year. According to professionals, it was both the increase in export taxes and the sharp decline in domestic demand that caused the slump. Among 71 larger industrial enterprises in the city, 43 enterprises are engaged in wood processing but 15 have stopped production.

Certification centre established

To promote development of the forest industry, sustainable management of forest and to increase competitiveness of forest products in international markets, the State Forest Administration has set up the Zhong Lin Tian He (Beijing) Forest Certification Center.

Largest charcoal line

It is reported that a new production plant for charcoal with an annual output of 50,000 tons of wood charcoal has been commissioned by the company Hong Sen Wood in Fengning County, Hebei Province.

This charcoal will be used by the power plant which the company is constructing. This power plant is the largest one in China that uses forest biomass.

Hong Sen Wood is a private company. The main business of this company is to produce wood products. The company has established plantations and produces wood-based panels and building materials. The company makes full use of wood processing and logging residues and as well as straw to produce charcoal.

Guangzhou City Imported Timber Market

| Logs | Yuan per m ³ |
|-------------------------|-------------------------|
| Lauan (50-60cm) | 1900-2100↓ |
| Kapur (up to 79cm) | 1900-2100↓ |
| Merbau 6m, (up to 79cm) | 3500-4000↓ |
| Teak | 11000-16000 |
| Wenge | 5200-5300 |
| Sawnwood | |
| Teak sawn grade A | 9300 |
| US Maple 2" KD | 7500-11500 |
| US Cherry 2" | 12000-12800 |
| US Walnut 2" | 14000-15500 |
| Lauan | 3500-4000 |

Shanghai Furen Wholesale Market

| Sawnwood | Yuan per m ³ |
|-------------------------|-------------------------|
| Beech KD Grade AB | 2500-3000 |
| US Cherry, 25mm | 9500-10000 |
| US Red Oak, 50mm | 9800-10500 |
| Sapele 50mm FAS (Congo) | |
| KD (2", FAS) | 5800-6000 |
| KD (2", grade A) | 5200-5300 |

Shandong De Zhou Timber market

| Logs | Yuan per m ³ |
|------------------------------|-------------------------|
| Larch 6m, 24-28cm diam. | 1120 |
| White Pine 6m, 24-28cm diam. | 1200 |
| Korean Pine 4m, 30cm diam. | 1400 |
| 6m, 30cm diam. | 1500 |

Hebei Shijiazhuang Wholesale Market

| Logs | Yuan per m ³ |
|--------------------------------------|-------------------------|
| Korean Pine 4m, 38cm+ diam | 1700 |
| Mongolian Scots Pine 4m, 30cm diam. | 1300↑ |
| 6m, 30cm+ diam. | 1400↑ |
| Sawnwood | |
| Mongolian Scots Pine 4m, 5-6cm thick | 1450↑ |
| 4m, 10cm thick | 1450↑ |

Zhejiang Jiashan Kaihua International Timber Market

| Logs | Yuan per m ³ |
|--------------------------|-------------------------|
| Okoume 80cm+ | 2800-3400 |
| Sapele 80cm+ | 6000-6500 |
| Wenge 80cm+ | 13000-14000 |
| Sawnwood | |
| Doussie | 3600-4000 |
| European beech boules | 3100-3300 |
| Radiata | 2000-3300 |
| Plywood | |
| US Black Walnut 4x8x3 mm | 6000-8000 |
| Beech 4x8x3 mm | 6000-8000 |
| Teak 4x8x3 mm | 6000-8000 |
| Poplar (4x8x3-5 mm) | 3000-4000 |

For more information on China's forestry see: www.forestry.ac.cn

European buying remains slow

Trade contacts report continuing low levels of tropical hardwood forward buying in the EU at the end of the third quarter of 2009.

Earlier predictions of significant price rises in the face of widespread shortages after a long period of slow buying have yet to be realised. CIF Europe price trends for tropical hardwood logs and sawn lumber seem now to be trending upwards, but at present this seems more due to increases in freight rate and exchange rate fluctuations than to any sharp shift in the balance of supply and demand.

There is some evidence of gaps opening up in stocks of certain special assortments, but generally there still seems to be enough material in stock in Europe to satisfy current low levels of consumption.

There continues to be a lot of cross-trading between European companies to fill gaps in stocks as they arise, with little interest in speculative forward purchases. This applies both to products destined for the joinery sector and for the garden decking sector.

The 2009 season for decking products in Europe is now over and considerable uncertainty over prospects for the 2010 season has led to reluctance on the part of importers to import so as to rebuild stocks.

Against this background, tropical hardwood shippers continue to maintain very low levels of production so that lead times on forward orders remain extended for many products. Lead times of over 4 months can be expected for orders of African sawn lumber.

Imports of tropical hardwood from Brazil are, these days, also subject to very significant delays. As is typical, Asian hardwoods are generally more readily available for prompt shipment – although production in this region is also reported to be very low.

Construction outlook in the US and EU

One piece of good news relating to the US wood market emerged early on in the UNECE Timber Committee Market Discussions held in Geneva in mid October. Dr Eric Hansen of Oregon State University, quoting data provided by APA (the American panel products association) suggested that US housing starts, which fell from over 900,000 in 2008 to a forecast 560,000 in 2009, are expected to rebound strongly to again reach close to 1 million by 2011.

However Hansen's comments did not reflect so well on the EU where, he said, "the housing bubble has been far greater [than in the U.S.]".

This gloomy conclusion with respect to European construction activity accords with the conclusions of the Euroconstruct conference held over the summer in the EU.

This conference suggested that construction output across the 19 countries in the Euroconstruct network is projected to fall by 7.5% this year following a 3.1% decline in 2008.

EU construction sector output is projected to fall by a further 1% in 2010. After three years of decline, a very slight recovery is only expected in 2011. The worst performers over the next two years (2009-2010) are expected to be Ireland, where the industry is projected to shrink in size by 51%, Spain (-25%), Finland (-21%) and Portugal (-18%).

Only Switzerland (+2.3%), Germany (+1.1%) and Sweden (+0.5%) are expected to record growth over this period.

Euroconstruct forecasts for the market as a whole were revised downwards in the summer compared with the forecasts made last December due to the worsening global economic environment and continuing uncertainty regarding the approaches being taken by banks and governments to deal with improperly functioning credit markets.

Regulations to remove illegal wood from trade

Insights into the impact of regulations and laws in the EU and US designed to remove illegal wood from trade emerged during two recent meetings in Geneva.

The International Timber Trade Federation (ITTF) meeting, hosted by The Forest Trust on 8-9 October and attended by representatives of trade associations from around the world, was convened with the aim of discussing the trade response to these measures. These issues also generated a lot of interest during the opening session of the Annual UNECE Timber Committee Market Discussions on 13 October.

A commentary on the trade impact of the May 2008 amendment to the US Lacey Act was provided at the ITTF meeting by Jameson French on behalf of the US Hardwood Federation and American Hardwood Export Council.

Jameson French noted that “there has been a strong and immediate reaction amongst U.S. retailers” that fear the severe legal sanctions associated with the Lacey Act amendment.

Even if purchased in good faith and efforts have been made to ensure legality, a buyer in the U.S. would have to forfeit any goods that are subsequently found to be from an illegal source.

This sanction alone is a huge incentive to U.S. buyers to accurately verify their supply lines. It is not unusual for US wood and furniture importers to take delivery of individual shipments worth several million dollars and their loss could quickly lead to severe financial losses.

Many U.S. wood and furniture importing companies are now very actively promoting the measures they have in place to ensure their compliance with the Lacey Act. They

are also now putting considerable pressure on their overseas suppliers to ensure that there is a low risk of any wood raw material being illegally sourced.

However Mr. French also commented that the Lacey Act amendment has caused considerable confusion amongst overseas suppliers to the US. For example, many wood product manufacturers in China and South East Asia have the impression that the law amounts to a mandatory requirement to source only FSC certified wood. This is not the case.

The law makes no assumptions and provides no guidance on the measures that importers must take to show due care that wood is from a legal source. The new declaration requirement does not require the importer to have all of the information necessary to be certain of the legal origin of the wood.

EU proposals

The ITTF and UNECE Timber Committee meetings in Geneva also provided details of the current status of EU proposals to impose “due diligence” requirements on operators that “first place” timber on the European market.

This legislation was proposed by the European Commission in October 2008 and is now being considered for adoption by the European Council of Ministers and European Parliament.

There is much discussion over the exact details of this law, particularly with respect to the companies within the EU that should be subject to the due diligence requirements and the scope and content of the corporate risk management procedures required.

Some EU Member States, supported by members of the EU Parliament and some wood trade associations, also advocate that the requirements for due diligence systems should be combined with a Lacey-style prohibition on trade in illegal wood within the EU.

Expectations are high that the European Council will reach a final position on the due diligence legislation by mid December with a view to introduction sometime during 2010. Linkage of the regulation to other measures targeting deforestation within the climate change regime has provided powerful impetus to these negotiations within the EU.

The Netherlands Sawwood Prices

| | US\$ per m ³ |
|------------------------------------|-------------------------|
| FOB (Rotterdam) | |
| Sapele KD | 941▲ |
| Iroko KD | 1061▲ |
| Sipo KD | 1172▲ |
| DRM Bukit KD | 833▲ |
| DRM Seraya KD | 833▲ |
| DRM Meranti KD Seraya MTCC cert. | 862▲ |
| Merbau KD | 1109▲ |
| Sapupira (non FSC) KD | 877 |
| Sapupira (FSC) KD | 1384 |
| Anti-slip decking AD C&F Rotterdam | |
| Selangan batu | 1300 |

UK Log Prices

| | € per m ³ |
|-----------------------------|----------------------|
| FOB plus commission | |
| N'Gollon (khaya) 70cm+ LM-C | 320-350▲ |
| Ayous (wawa) 80cm+ LM-C | 230-240▲ |
| Sapele 80cm+ LM-C | 280-320▲ |
| Iroko 80cm+ LM-C | 300-330▲ |
| African Walnut 80cm+ LM-C | 310-340▲ |

UK Sawwood Prices

| | Pounds per m ³ |
|---------------------------------------|---------------------------|
| FOB plus Commission | |
| Framire FAS 25mm | 390-420▲ |
| Sipo FAS 25mm | 670-700▲ |
| Sapele FAS 25mm | 530-550▲ |
| Iroko FAS 25mm | 590-620▲ |
| Wawa No.1 C&S 25mm | 320-330▲ |
| CIF plus Commission | |
| Tulipwood FAS 25mm | 230-250 |
| Meranti Tembaga Sel/Btr (KD 2"boards) | 490-510▲ |
| Balau/Bangkirai Decking | 810-840▲ |
| White Oak | 400-430 |

UK Plywood and MDF Prices

| | US\$ per m ³ |
|--|-------------------------|
| Plywood Panels 8x4", CIF | |
| Brazilian WBP BB/CC 6mm | 490-510 |
| Malaysian WBP BB/CC 6mm | 480-500 |
| China (hardwood face, eucalyptus core) 18mm | 320-340 |
| China (tropical hardwood face, poplar core) 18mm | 310-330 |

Report from North America

Next enforcement phase

The US Department of Agriculture's Animal and Plant Health Inspection Service (APHIS) has introduced Phase 3 of the Lacey Act declaration requirement. As of October 1, 2009, the declaration of wood charcoal, veneered panels, wooden frames, tableware, kitchenware and marquetry, caskets and statuettes is required and enforced.

In response to comments that identifying the genus and species in composite and recycled or reused wood materials would be very difficult, APHIS decided to delay enforcement of the declaration of products such as MDF, particleboard or scrap wood. These products would enter the declaration enforcement phase no earlier than September 1, 2010.

World's first ban

In May 2008, the US Congress passed a law that amends a long-standing wildlife trafficking statute, the Lacey Act, to include wood products and other plants. Thus the amended Lacey Act became the world's first ban on the import, export or trade in illegally sourced wood and plant products.

The Environmental Investigation Agency lists three key components of the Lacey Act that address illegal logging and trade in wood products:

- Prohibits all trade in plant and plant products (e.g. logs, lumber, veneer, furniture) illegally sourced from any US state or any foreign country.
- Requires importers to declare the country of harvest origin and species name of all plants contained in their products.
- Established penalties for violation of the Act, including forfeiture of goods and vessels, fines and jail.

The Lacey Act defines timber as "illegally sourced" if it is taken, transported or sold in violation of an underlying law in any foreign country or the US. A Lacey Act violation is triggered if the illegally sourced timber is traded in US inter-state or foreign commerce.

The declaration form, known as PPQ 505, is a critical part of the Lacey Act. Importers must declare the scientific name of any species included, the country of harvest origin, the quantity, and the value. If a wood species or country of origin cannot be determined, the declaration must include a list of possible wood species found in the product or a list of possible countries from which the wood may have originated.

Phased introduction

The Lacey Act declaration requirement is being phased in over a period of approximately two years. In Phase 1, the declaration form was made available and declarations were accepted (December 2008). Phase 2 started May 1, 2009 and saw the enforcement of the declaration for a range of wood products

APHIS continues to revise the declaration form and recommends checking their website to verify the current version of the form. Importers are encouraged to file the declaration data electronically through the Automated Commercial System (ACS). For the latest information about the Lacey Act, visit the APHIS website: http://www.aphis.usda.gov/plant_health/lacey_act/index.shtml

Response from Indonesia

In response to the requirements under the Lacey Act, the Indonesian government recently introduced a new system of certifying its forest practices and wood products. In September, China and Indonesia agreed to sign a Memorandum of Understanding to cooperate in ensuring that timber trade between the countries is legal and complies with the Lacey Act. The agreement includes exchanging data on wood product trade and training of government officials.

Schedule of enforcement of the declaration requirement for goods of, or containing, plants or plant products

| II April 1, 2009 | III October 1, 2009 | IV April 1, 2010 |
|---|--|--|
| HTS Chapters: Ch. 44 Headings (wood & articles of wood) 4401—(Fuel wood) 4403—(Wood in the rough) 4404—Hoopwood; poles, piles, stakes) 4406—Railway or tramway sleepers) 4407—(Wood sawn or chipped lengthwise) 4408—(Sheets for veneering) 4409—(Wood continuously shaped) 4417—(Tools, tool handles, broom handles). 4418—(Builders' joinery and carpentry of wood). | HTS Chapters: Ch. 44 Headings (wood & articles of wood) 4402—Wood charcoal 4412—Plywood, veneered panels, except 44129906 and 44129957. 4414—Wooden frames 4419—Tableware & kitchenware of wood 4420—Wood marquetry, caskets, statuettes. PLUS PHASE II | HTS Chapters: Ch. 44 Headings (wood & articles of wood) 4421—Other articles of wood. Ch. 66 Headings (umbrellas, walking sticks, riding crops). 6602—Walking sticks, whips, crops. Ch. 82 Headings (tools, implements). 8201—Hand tools. Ch. 92 Headings (musical instruments). 9201—Pianos. 9202—Other stringed instruments. Ch. 93 Headings (arms and ammunition). 9302—Revolvers and pistols. 93051020—Parts and accessories for revolvers and pistols. Ch. 94 Headings (furniture, etc.). 940169—Seats with wood frames. Ch. 95 Headings (toys, games, & sporting equipment). 950420—Articles and accessories for billiards. Ch. 97 Headings (works of art). 9703—Sculptures. PLUS PHASES II & III. |

Source: Federal Register / Vol. 74, No. 169 / Wednesday, September 2, 2009 / Notices, p.45416

Disclaimer: Though efforts have been made to keep prices near to accurate, these are published as a guide only. ITTO does not take responsibility for the accuracy of this information.

Internet News

Below are web links to news items published by the press. These items do not necessarily reflect the views and policies of ITTO.

Bank economists, who had been projecting a contraction in the Brazilian economy for this year, are now saying that Brazil will end 2009 with growth. Brazil's economy will grow about 0.01% this year and up to 4.5% in 2010, the new forecast by private bank economists consulted weekly by the Central Bank says.

<http://www.laht.com/article.asp?CategoryId=14090&ArticleId=345033>

The earthquake that struck Sumatra recently is likely to be followed by an even larger tremor that could cause a tsunami as devastating as the one that hit Indonesia in 2004, according to a leading seismologist. Professor Kerry Sieh, director of the Earth Observatory at Singapore's Nanyang University, says earthquakes measured at 8.4 and 7.8 which hit southern Sumatra in September 2007 marked the beginning of a cycle of tremors that starts roughly every 200 years.

<http://www.ft.com/cms/s/0/8d980480-af66-11de-balc-00144feabdc0.html>

How towns and cities cause the extinction of local plants has been revealed for the first time. An international team of botanists has compared extinction rates of plants within 22 cities around the world. Both Singapore and New York City in the US now contain less than one-tenth of their original vegetation, reveals the analysis published in the Ecology Letters.

http://news.bbc.co.uk/earth/hi/earth_news/newsid_829500/0/8295738.stm

Pines and a mix of native African trees will soon cover what is now grassland within Uganda's Rwoho Central Forest Reserve, an upper watershed of Lake Victoria. The growing trees will absorb the greenhouse gas carbon dioxide, CO₂, from the atmosphere, and with these plantings, Uganda becomes the first country in Africa to undertake a reforestation project that will count towards emissions reductions under the Kyoto Protocol.

<http://www.ens-newswire.com/ens/oct2009/2009-10-06-01.asp>

A recent Australian study suggests that land clearing over the past 200 years may have been as significant a factor in this country's droughts and changing climate as increasing carbon dioxide in the atmosphere. University of Queensland researchers have produced evidence for the possible link between land clearing and climate change in south-eastern Australia.

<http://www.sciencealert.com.au/features/20090710-19945.html>

South African manufacturing contracted at a faster pace in August, dropping an annual 15% in a sign the economy may be slow to recover from its first recession in 17 years. The decline accelerated from a revised 13.5% in July, Pretoria-based Statistics South Africa said on its Web site.

Output slid a seasonally adjusted 2.8% in the month. The rand's 40% surge against the dollar in the seven months through September may be undermining a recovery in manufacturing by making exports more expensive.

<http://www.bloomberg.com/apps/news?pid=20601116&sid=ay5z7HK.Ub20>

Three U.S. governors and eight regional leaders from Brazil and Indonesia have drafted a memorandum they intend to make official today that calls on the presidents of their nations to write generous forestry provisions into an international climate change pact in Copenhagen in December. According to a copy of the memo secured by the New York Times, the 11 states have agreed to press their national governments for a series of "robust" deforestation provisions during talks on a treaty that could succeed the Kyoto Protocol. The states have been working together on the matter since November 2008.

<http://www.nytimes.com/cwire/2009/10/02/02climatewire-leaders-from-indonesia-brazil-join-3-us-stat-93701.html>

The UAE now is now one of India's major trading partner with a two-way (non-oil) goods and trade being valued at US\$ 44.5 billion in 2008-2009, revealed by India's Minister of State for External Affairs Shashi Tharoor. This accounts for about half of India's total trade with the whole region. India's total trade with all the six-member Gulf Cooperation Council (GCC) reached US\$86.9 billion, putting it ahead of European Union (US\$80.6 billion) and ASEAN countries (US\$ 44.6 billion).

[http://www.uaeinteract.com/docs/UAE_now_top_Indias_trading_partner_with_US\\$44.5b_in_total_in_2008-2009_Indian_Minister/37902.htm](http://www.uaeinteract.com/docs/UAE_now_top_Indias_trading_partner_with_US$44.5b_in_total_in_2008-2009_Indian_Minister/37902.htm)

Around 60% of the timber exported from the RoC during 2008 was through Cameroon, most being derived from the northern forest regions. Most of this timber was destined for the EU. Many of the concessions supplying this timber are FSC-certified. During May 2009, the country signed a Voluntary Partnership Agreement with the European Union to ensure that only legal timber would be exported.

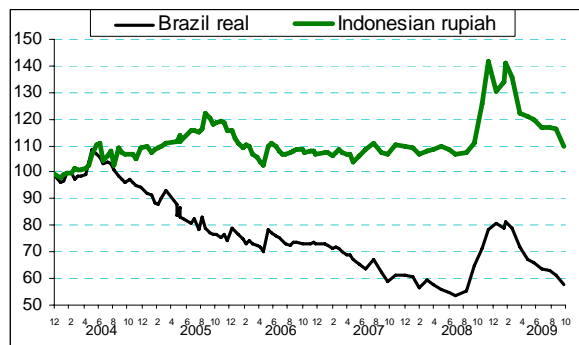
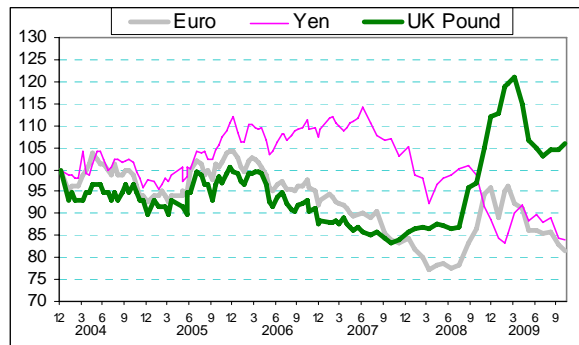
Information on the efforts of the RoC and the assistance being provided by the EU is at <http://www.observation-congo.info/>

Main US Dollar Exchange Rates

As of 15 October 2009

| | | | |
|---------------|-----------|---------|---|
| Brazil | Real | 1.7021 | ↑ |
| CFA countries | CFA Franc | 387.575 | ↓ |
| China | Yuan | 6.8264 | ↑ |
| EU | Euro | 0.6695 | ↓ |
| Indonesia | Rupiah | 9337 | ↑ |
| Japan | Yen | 90.60 | ↓ |
| Malaysia | Ringgit | 3.580 | ↓ |
| Peru | New Sol | 2.8555 | ↑ |
| UK | Pound | 0.6147 | ↑ |

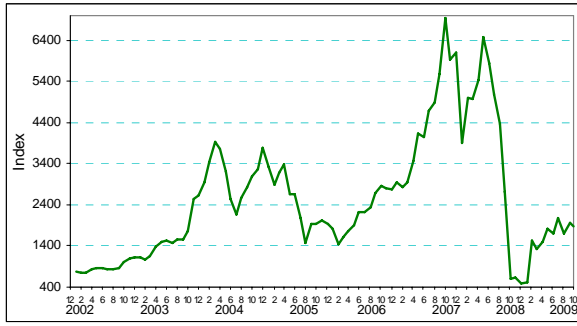
Exchange rates index (Dec 2003=100)



Abbreviations and Equivalences

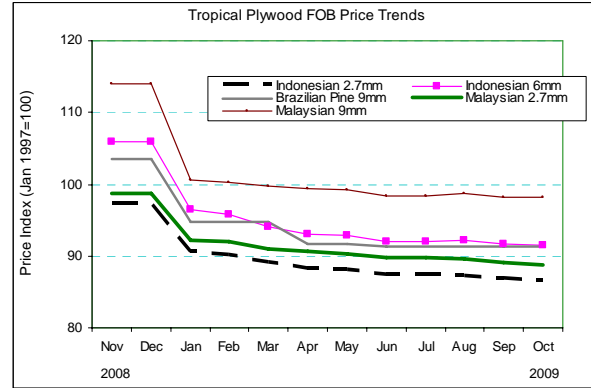
| | |
|-------------|--|
| LM | Loyale Merchant, a grade of log parcel |
| QS | Qualite Superieure |
| CI, CE, CS | Choix Industriel, Economique or Supplimentaire |
| FOB | Free-on-Board |
| CIF; CNF | Cost, insurance and freight; Cost and freight |
| KD; AD | Kiln Dry; Air Dry |
| Boule | A log sawn through and through, the boards from one log are bundled together. |
| BB/CC, etc. | Log/plywood grades. Letter(s) on the left indicate face veneer(s), on the right backing veneer(s). Grade decreases in order B, BB, C, CC, etc. |
| BF; MBF | Board Foot; 1000 Board Feet |
| Hoppus ton | 1.8 m ³ |
| Koku | 0.278 m ³ or 120 BF |
| SQ; SSQ | Sawmill Quality; Select Sawmill Quality |
| FAS | Sawnwood Grade First and Second |
| GMS | General Market Specifications |
| GSP | Guiding Selling Price |
| MR; WBP | Moisture Resistant; Water and Boil Proof |
| MDF | Medium Density Fibreboard |
| PHND | Pin hole no defect grade |
| \$; ↑↓ | US dollar; Price has moved up or down |

Ocean Freight Index



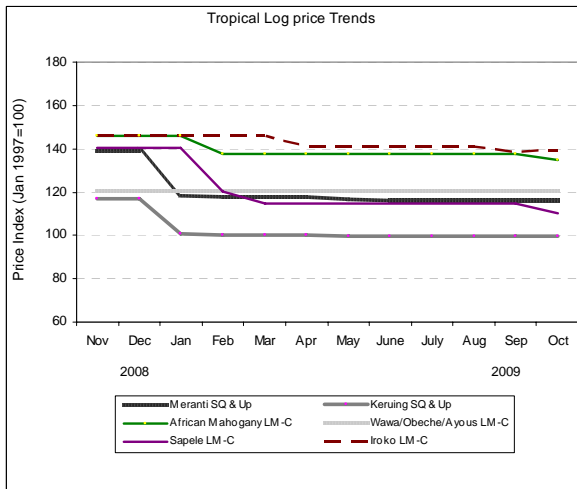
The BSI (Baltic Supramax Index), published by the Baltic Exchange, is the weighted average on 5 major time-charter routes. It is based on a 52,454 mt bulk carrier carrying commodities such as timber.

Tropical Plywood Price Trends



To subscribe to the ITTO market report
email : mis@itto.or.jp

Tropical Log Price Trends



More price trends in Appendix 4, ITTO's Annual Review
<http://www.itto.or.jp/live/PageDisplayHandler?pagelid=199>

Tropical Sawnwood Price Trends

