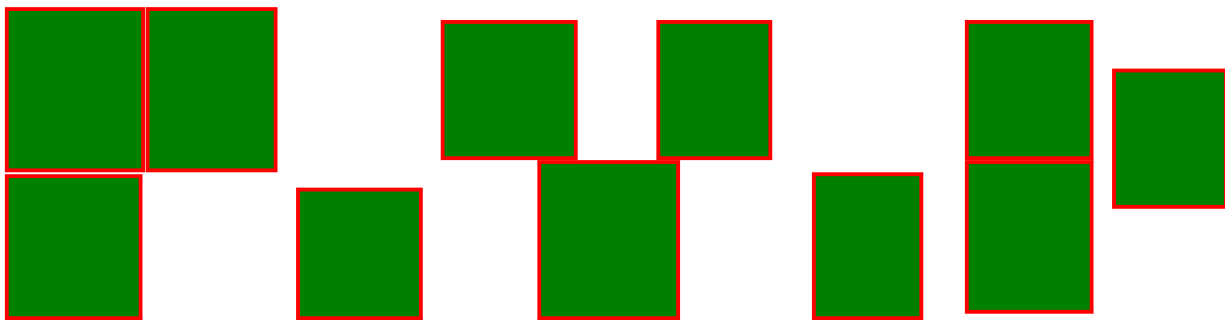


Asia Pulp and Paper (APP) Pulpwood Suppliers' Own Operational Plans Reveal Deliberate Clearing of **Ramin** and Other Protected Tree Species



14 March 2012

Background

In response to a Greenpeace report (March 2012) revealing the use of ramin timber (*Gonystylus spp*) as raw material for APP's giant pulp and paper mill (PT Indah Kiat Pulp and Paper/IKPP), APP has been very careful about what it has to say, and has gone to extraordinary lengths to give the impression that it is very careful and diligent about its selection of raw materials for use in the said mill, which is located in Riau Province.

The said APP response attempts to paint a false picture by suggesting that APP is concerned for protected trees in the concessions of its pulpwood suppliers.

Greenomics Indonesia is not taken in by APP's PR machine, which is clearly going all out to save APP's market share from the effects of the Greenpeace campaign. Unfortunately for them, they either have not been shown, or did not want to see, a number of operational plans of APP's own pulpwood suppliers that show that these pulpwood suppliers deliberately planned to fell protected trees, including ramin trees.

Motivated by the above situation, Greenomics Indonesia has taken the initiative of publishing this report which highlights legal facts that APP's pulpwood suppliers cleared blocks of peat swamp forest in a planned and programmed manner after these blocks had been identified as containing ramin, a tree species that is protected both under Indonesian law and Convention on International Trade in Endangered Species (CITES).

Methodology

Greenomics Indonesia employed the micro-delineation documents produced by APP's pulpwood suppliers as the basis for showing that APP has planned the clearing of ramin trees in its concession areas.

We have selected five micro-delineation documents produced by APP pulpwood suppliers in Riau Province that supply wood from natural forests to the IKPP pulp and paper plant as case studies.

Legal fact: APP pulpwood suppliers planned the clearance of protected trees

This report focuses on five APP pulpwood suppliers as case studies, and shows that they carried out clearing of protected trees, particularly ramin, in a planned and programmed manner.

Why do we use the phrase “planned and programmed”? Because the plans are clear to be seen from the relevant micro-delineation documents, which are official operational documents and are legally binding on the firms that produced them in the development of their pulpwood plantations.



1

PT Arara Abadi is an APP pulpwood plantation company. It has the biggest concession area, extending to 299,975 hectares, located in the regencies of Bengkalis, Siak, Pelalawan, Kampar, and Rokan Hilir, and the Municipality of Dumai, all of which are in Riau Province. In a planned and programmed manner, PT Arara Abadi conducted the clearing of ramin trees. This legal fact may be seen from the company's micro-delineation document/operational plan of April 2008.

See the table that has been scanned from the said micro-delineation documents of PT Arara Abadi, which bears the following legend: "average natural forest potential for land-clearing." See also the section titled "group III", which includes ramin timber. This clearly constitutes a legal fact that PT Arara Abadi conducted the clearing of ramin trees within its concession area. Thus, it should come as no surprise that ramin trees were mixed with other types of timber that are not protected when the timber from the peat swamp forest was removed and transported to the IKPP log yard before being used as raw material for the IKPP pulp and paper mill.

MAP 4.11. Data Hasil Inventarisasi Kayu dalam Yang Akan di Saku Uraian

| Kelompok | 30 Cm Up | | | | Jumlah | |
|--------------------|------------|-------|-------|-------|--------|-------|
| | 10 - 20 Cm | | N | V | N | V |
| | N | V | | | | |
| I. Meranti | 5.53 | 1.77 | 3.35 | 2.86 | 8.88 | 4.63 |
| Balam | 4.06 | 1.88 | 2.41 | 2.38 | 6.47 | 4.25 |
| Meranti | 3.73 | 1.50 | 1.92 | 1.49 | 5.65 | 2.98 |
| Medang | 1.23 | 0.20 | 0.49 | 0.48 | 1.72 | 0.68 |
| Suntai | 1.47 | 0.14 | 0.44 | 0.54 | 1.91 | 0.50 |
| Durian | 0.28 | 0.12 | 0.41 | 0.39 | 0.69 | 0.43 |
| Meranti Merah | 0.40 | 0.11 | 0.40 | 0.32 | 0.80 | 0.36 |
| Meranti | 0.29 | 0.28 | 0.18 | 0.08 | 0.42 | 0.30 |
| Balam | 0.26 | 0.23 | 0.16 | 0.07 | 0.42 | 0.27 |
| Meranti | 0.27 | 0.04 | 0.46 | 0.23 | 0.73 | 1.73 |
| Pulai | 2.80 | 1.04 | 2.12 | 0.68 | 4.92 | 16.81 |
| Lain-lain | 20.32 | 7.30 | 12.32 | 9.51 | 32.65 | 16.81 |
| JUMLAH I | | | | | 6.10 | 3.00 |
| II. RIMBA CAMPURAN | | 1.41 | 2.45 | 1.59 | 6.17 | 2.43 |
| Kelat | 3.65 | 1.18 | 2.47 | 1.24 | 4.18 | 1.76 |
| Pisang-2 | 3.70 | 0.78 | 1.70 | 0.98 | 3.41 | 1.55 |
| Bintangur | 2.48 | 1.00 | 1.20 | 0.55 | 3.05 | 1.36 |
| Jangkang | 2.21 | 0.18 | 1.87 | 1.18 | 1.50 | 0.99 |
| Punak | 1.18 | 0.14 | 0.87 | 0.85 | 2.85 | 0.95 |
| Pelawan | 0.63 | 0.52 | 1.25 | 0.44 | 2.70 | 0.85 |
| Arang-2 | 1.60 | 0.42 | 1.21 | 0.43 | 2.53 | 0.81 |
| Jambu-2 | 1.49 | 0.17 | 1.40 | 0.65 | 1.75 | 0.79 |
| Terentang | 1.13 | 0.30 | 0.85 | 0.49 | 1.05 | 0.42 |
| Geronggang | 0.90 | 0.34 | 0.36 | 0.08 | 1.05 | 6.10 |
| Dara-dara | 0.69 | 1.65 | 9.87 | 4.44 | 18.82 | 21.02 |
| Lain-lain | 8.94 | 8.11 | 25.50 | 12.91 | 54.12 | 21.02 |
| JUMLAH II | 28.62 | | | | 0.94 | 0.69 |
| III. Kayu Indah | | 0.16 | 0.57 | 0.54 | 0.34 | 0.15 |
| Rengas | 0.37 | 0.10 | 0.07 | 0.05 | 1.28 | 0.84 |
| Ramin | 0.27 | 0.26 | 0.64 | 0.58 | 68.04 | 38.67 |
| JUMLAH III | 0.64 | 0.26 | 0.64 | 0.58 | | |
| JUMLAH I+II+III | 49.58 | 15.67 | 38.46 | 23.01 | | |

| | | | | |
|-----------------|-------|-------|-------|-------|
| III. Kayu Indah | | | | |
| Rengas | 0.37 | 0.16 | 0.57 | 0.54 |
| Ramin | 0.27 | 0.10 | 0.07 | 0.05 |
| JUMLAH III | 0.64 | 0.26 | 0.64 | 0.58 |
| JUMLAH I+II+III | 49.58 | 15.67 | 38.46 | 23.01 |

2

The PT Ruas Utama Jaya micro-delineation document of April 2008 reveals the same situation as in the case of PT Arara Abadi. PT Ruas Utama Jaya has a 44,330 hectare concession located in Rokan Hilir and Dumai regencies in Riau Province.

See the table that has been scanned from the PT Ruas Utama Jaya micro-delineation document, titled “stand potential in areas that can be developed as pulp plantations.” In “Timber Group D”, as shown in the table, the name of a protected group of trees appears. In the said micro-delineation document, it is acknowledged that all the natural forest corridors identified (six in total) contain populations of ramin. This means that this APP pulpwood supplier, in supplying timber from natural forest to feed the IKPP mill, was clearing ramin trees in its concession area.

Lampiran V-7. Rekapitulasi Jumlah Batang (N) dan Volume Rata-rata Per Hektar Menurut Jenis dan Kelas Diameter Pada Seluruh Areal Berhutan PT. RUJ

| No. | JENIS KAYU | PERMUKAAN | | | | | | KELAS DIAMETER | | | | | | | | | | | | | |
|-----------------------------------|----------------------|-----------|----------|--------|-------|-------|-------|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | N/ha | N/ha | N/ha | N/ha | N/ha | N/ha | 10-14 | 15-19 | 20-24 | 25-29 | 30-34 | 35-39 | 40-44 | 45-49 | 50-54 | 55-59 | 60-64 | 65-69 | 70-74 | 75-79 |
| A KELOMPOK JENIS MERANTI | | | | | | | | | | | | | | | | | | | | | |
| - | Durian | 174,42 | - | - | - | 0,47 | 0,19 | 0,58 | 0,48 | 0,06 | - | - | - | - | - | - | - | - | - | - | - |
| - | Gerunggang | 552,33 | 55,81 | 17,44 | 1,67 | 4,77 | 1,84 | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Meranti | 813,95 | 306,98 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Pulai | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jumlah A | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| B KELOMPOK RIMBA CAM | | | | | | | | | | | | | | | | | | | | | |
| - | Asam Kanda | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Balan | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Bintangur | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Dara-dara/Mendarahan | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Jangkang | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Kedondong | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Kayu Jambu | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Kalumpang/Perumpang | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Manggis | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Medang | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Pagar, ky | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Pasal Ingga | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Pasi-pasi | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Petal | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Piang-piang | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Pina | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Suntal | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Tampul | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Terentang | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| - | Tinggayun | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Jumlah B | | 5,15 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| C KELOMPOK KAYU INDAH | | | | | | | | | | | | | | | | | | | | | |
| - | Mempang | 203 | - | - | - | 0,11 | 0,87 | 0,29 | 1,16 | 1,04 | 0,12 | 0,13 | - | - | - | - | - | - | - | - | - |
| - | Rengas | 523,25 | 27,91 | 4,45 | 0,32 | 0,12 | 0,04 | 0,41 | 0,32 | 0,12 | 0,20 | - | - | - | - | - | - | - | - | - | - |
| Jumlah C | | 726,74 | 48,91 | 5,81 | 0,64 | 0,99 | 0,33 | 1,57 | 1,38 | 0,23 | 0,33 | - | - | - | - | - | - | - | - | - | - |
| Sub Total (A+B+C) | | 7,441,86 | 1,013,95 | 209,30 | 18,21 | 29,77 | 10,99 | 26,17 | 16,06 | 11,92 | 17,14 | 3,95 | 8,43 | 3,43 | 13,59 | 19,30 | 40,16 | 39,40 | 36,22 | 69,24 | 67,20 |
| D KELOMPOK KAYU DILINDUNGI | | | | | | | | | | | | | | | | | | | | | |
| - | Arang, ky | 406,98 | 69,77 | 8,14 | 0,42 | 1,10 | 0,38 | 0,58 | 0,45 | 0,23 | 0,32 | 0,12 | 0,32 | - | - | 0,35 | 0,64 | 0,50 | 1,09 | 2,03 | 1,47 |
| - | Kempas | 29,07 | - | 1,15 | 0,12 | 0,23 | 0,09 | - | - | 0,17 | 0,25 | - | - | 0,12 | 0,49 | 0,29 | 0,74 | 0,29 | 0,74 | 0,52 | 0,63 |
| - | Ramin | 29,07 | - | 2,33 | 0,15 | 1,97 | 0,65 | 1,22 | 1,06 | 0,89 | 1,46 | 0,06 | 0,13 | - | - | 1,05 | 1,59 | 2,27 | 2,85 | 3,84 | 3,30 |
| Jumlah D | | 465,12 | 69,77 | 11,62 | 0,69 | 2,91 | 1,12 | 1,86 | 1,56 | 1,40 | 2,03 | 0,17 | 0,45 | 0,12 | 0,49 | 1,69 | 2,97 | 3,49 | 4,47 | 6,40 | 5,80 |
| TOTAL (A+B+C+D) | | 7,906,98 | 1,083,72 | 220,92 | 18,90 | 32,67 | 12,11 | 21,98 | 17,64 | 13,31 | 19,18 | 4,13 | 9,48 | 3,55 | 14,07 | 20,99 | 43,13 | 42,97 | 60,89 | 75,64 | 72,80 |

Tabel 5-12. Potensi Tegakan Pada Areal yang Dapat Dikembangkan Menjadi Hutan Tanaman

| No. | Kelompok Kayu | Potensi Tegakan (m ³ /ha) | | | | Total |
|-----------|----------------------|--------------------------------------|----------|--------|----------|-------|
| | | KBK | | KB | | |
| | | 10-19 cm | 20-29 cm | Jumlah | 30 up cm | |
| 1. | Kel. Meranti | 3,09 | 3,08 | 6,17 | 17,99 | 24,17 |
| 2. | Kel. Rimba Campuran | 13,39 | 7,07 | 20,46 | 34,37 | 54,83 |
| 3. | Kel. Kayu Indah | 0,24 | 0,25 | 0,49 | 1,83 | 2,32 |
| Sub Total | | 16,73 | 10,39 | 27,12 | 54,19 | 81,32 |
| 4. | Kel. Kayu Dilindungi | 1,02 | 0,98 | 2,00 | 3,55 | 5,55 |
| Total | | 17,75 | 11,37 | 29,12 | 57,75 | 86,87 |



| D KELOMPOK KAYU DILINDUNGI | | |
|----------------------------|-----------|----------|
| - | Arang, ky | 406.98 |
| - | Kempas | 29.07 |
| - | Ramin | 29.07 |
| Jumlah D | | 465.12 |
| TOTAL (A+B+C+D) | | 7,906.98 |

3

The PT Bina Duta Laksana micro-delineation document (March 2007). PT Bina Duta Laksana had a concession extending to 28,890 hectares located in Indragiri Hilir Regency, Riau Province. This micro-delineation document also reveals that of 8 peat swamp forest corridors identified, only one of them was stated as not containing ramin. This means that the other seven clearly had ramin populations, and that ramin trees were felled during land clearing operations. Thus, this APP pulpwood supplier was clearing ramin trees in a planned manner on its concession.

The table that has been scanned from the PT Bina Duta Laksana micro-delineation document (*titled "Potential of stands in conservation areas and areas that can be developed," in the box "areas that can be developed as pulpwood plantations"*) clearly shows that land clearing in peat swamp forest in the PT Bina Duta Laksana concession involved protected tree species, particularly ramin. PT Bina Duta Laksana is a pulpwood supplier of IKPP. In other words, ramin trees were felled in a planned and programmed manner.

Tabel 5-10. Potensi Tegakan pada Areal Konservasi dan Areal yang Dapat Dikembangkan

| No. | Kelompok Kayu | Potensi Tegakan (m ³ /ha) | | | | | | | |
|----------|-----------------|--|----------|----------|-------------------------|---|------|-------|-------------------------|
| | | Areal/Kawasan Lindung (Dipertahankan Sebagai Hutan Alam) | | | | Areal yang Dapat Dikembangkan Menjadi Hutan Tanaman | | | |
| | | BBS | | | Pertukangan 30 up cm | BBS | | | Pertukangan 30 up cm |
| 10-19 cm | 20-29 cm | Jumlah | 10-19 cm | 20-29 cm | | Jumlah | | | |
| 1. | Meranti | 3,60 | 1,52 | 5,13 | 8,72 | 2,90 | 1,35 | 4,26 | 6,34 |
| 2. | Rimba Campuran | 12,92 | 4,46 | 17,38 | 14,07 | 7,33 | 2,10 | 9,42 | 7,28 |
| 3. | Kayu Indah | - | - | - | - | - | - | - | - |
| | Sub Total | 16,52 | 5,98 | 22,50 | 22,79 | 10,23 | 3,45 | 13,68 | 13,61 |
| 4. | Kayu Dilindungi | 1,42 | 1,14 | 2,56 | 7,05 | 1,17 | 0,78 | 1,95 | 6,65 |
| | Total | 17,94 | 7,12 | 25,06 | 29,84 | 11,40 | 4,23 | 15,62 | 20,26 |

| No. | Kelompok Kayu | Potensi Tegakan (m ³ /ha) | | | | | | | | | | | | | | | | | |
|----------------------------|-------------------|--------------------------------------|----------|--------|----------|----------|----------|--------|----------|----------|----------|--------|----------|----------|----------|--------|-------|-------|-------|
| | | 10-19 cm | 20-29 cm | Jumlah | 30 up cm | 10-19 cm | 20-29 cm | Jumlah | 30 up cm | 10-19 cm | 20-29 cm | Jumlah | 30 up cm | 10-19 cm | 20-29 cm | Jumlah | | | |
| | Jumlah B | 4,925,00 | 833,00 | 116,75 | 7,81 | 7,69 | 2,98 | 3,88 | 3,00 | 2,00 | 3,23 | 0,88 | 2,11 | 0,94 | 3,19 | 7,69 | 11,52 | 15,38 | 14,50 |
| C KELOMPOK KAYU INDAH | | | | | | | | | | | | | | | | | | | |
| | Jumlah C | | | | | | | | | | | | | | | | | | |
| | Sub Total (A+B+C) | 5,218,75 | 933,00 | 182,80 | 10,52 | 11,06 | 4,40 | 6,00 | 4,78 | 2,88 | 4,48 | 1,94 | 4,72 | 1,90 | 5,96 | 12,91 | 19,25 | 23,38 | 23,75 |
| D KELOMPOK KAYU DILINDUNGI | | | | | | | | | | | | | | | | | | | |
| | - Arang | 290,00 | 32,00 | 11,25 | 0,74 | 1,50 | 0,52 | 0,75 | 0,55 | 0,38 | 0,65 | 0,13 | 0,23 | - | - | 1,25 | 1,43 | 2,75 | 1,96 |
| | - Ramin | - | - | 0,75 | 0,07 | 0,38 | 0,11 | 0,06 | 0,25 | 0,25 | 0,35 | - | - | - | - | 0,31 | 0,39 | 0,69 | 0,51 |
| | - Jelutung | - | - | 0,50 | 0,06 | 0,38 | 0,18 | 0,31 | 0,38 | 0,56 | 0,06 | 0,17 | 0,06 | 0,24 | 0,81 | 1,21 | 1,19 | 1,19 | 1,39 |
| | - Kempas | 31,25 | 2,00 | 2,50 | 0,22 | 0,31 | 0,10 | 0,06 | 0,05 | 0,56 | 0,81 | 0,38 | 0,92 | 0,44 | 2,07 | 1,44 | 3,86 | 1,75 | 3,96 |
| | Jumlah D | 291,25 | 34,00 | 18,00 | 1,07 | 2,16 | 0,69 | 1,44 | 1,29 | 1,34 | 1,84 | 0,56 | 1,15 | 0,55 | 2,31 | 3,81 | 6,90 | 6,38 | 7,81 |
| | TOTAL (A+B+C+D) | 5,690,00 | 964,00 | 167,50 | | | | | | | | | | | | | | | |

| D KELOMPOK KAYU DILINDUNGI | |
|----------------------------|----------|
| - | Arang |
| - | Ramin |
| - | Jelutung |
| - | Kempas |
| Jumlah D | |
| TOTAL (A+B+C+D) | |

4

The micro-delineation document of PT Satria Perkasa Agung of June 2008. PT Satria Perkasa Agung's concession is located in Pelalawan Regency in Riau Province, and has an area of 11,830 hectares. Once again, this micro-delineation document clearly shows that protected trees, including ramin, were cleared in a planned and programmed manner.

See the table that has been scanned from the PT Satria Perkasa Agung micro-delineation document and which is titled "timber potential in forest areas that can be developed," in this case, developed as pulpwood plantations. In the box, "species groups," the names of protected trees appear. In the appendix to the micro-delineation document, ramin is included in "ornamental timber" group (see scanned table). PT Satria Perkasa Agung is a pulpwood supplier of IKPP.

REKAP POTENSI HASIL CRUISING DI AREAL PT. SATRIA PERKASA AGUNG
KABUPATEN PELALAWAN
PROVINSI RIAU

Table 3-3. Potensi Kayu Pada Areal bermuatan yang dapat dikembangkan

| No | Kelompok Jenis | 20 – 29 cm | | 30 cm Up | | 30 – 49 cm | | 50 cm Up | |
|------------------|---------------------|--------------|-------------|--------------|--------------|--------------|--------------|-------------|--------------|
| | | N/Ha | V/ha | N/Ha | V/ha | N/Ha | V/ha | N/Ha | V/ha |
| 1 | Kayu Meranti | 1,82 | 0,33 | 7,25 | 16,57 | 3,23 | 3,75 | 4,02 | 12,82 |
| 2 | Kayu Rimba Campuran | 15,04 | 3,91 | 17,07 | 21,99 | 14,03 | 12,75 | 3,04 | 9,24 |
| 3 | Kayu Indah | 0,59 | 0,16 | 3,61 | 6,21 | 2,71 | 3,21 | 0,90 | 3,01 |
| Sub Total | | 17,45 | 4,40 | 27,93 | 44,77 | 19,97 | 19,71 | 7,96 | 25,06 |
| 4 | Kayu Dilindungi | 0,93 | 0,19 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | 18,38 | 4,58 | 27,93 | 44,77 | 19,97 | 19,71 | 7,96 | 25,06 |

| | | | | |
|---------------------------|----------------------------|--------------|-------------|--------------|
| C | Kelompok Kayu Indah | 0,58 | 0,15 | 1,53 |
| 1 | Ramin | 0,58 | 0,15 | 1,53 |
| Rata - Rata Per Ha | | 18,59 | 4,74 | 13,39 |

5

The July 2008 micro-delineation document of PT Satria Perkasa Agung KTH Sinar Merawang, located in Indragiri Hilir Regency, Riau Province – which has a concession area of 9,300 hectares and is also a pulpwood supplier of IKPP.

In the table that has been scanned from the said micro-delineation document, titled “timber potential in forest areas that can be developed” – in this case, developed a pulpwood plantations, the “timber species group” clearly contains ornamental timber, including ramin. As evidence, the tables attached to the said micro-delineation document include a table titled “potential average per hectare resulting from cruising in the PT Satria Perkasa Agung KTH Sinar Merawang in forest areas that can be developed as pulpwood plantations.” Under the heading “ornamental timber” appears the word ramin, which is included in the clearance plan.

REKAP POTENSI RATA - RATA PER HA HASIL CRUISING DI AREAL PT. SATRIA PERKASA AGUNG KTH Sinar Merawang
 PADA KAWASAN HUTAN ALAM YANG DIPERUNTUKAN UNTUK DIKEMBANGKAN
 KABUPATEN KUBU LINGGING

Tabel 5-3. Potensi Kayu Pada Areal Bernutan yang Dapat Dikembangkan

| No | Kelompok Jenis | 10 cm Up | | 20 cm Up | | 30 cm Up | | 40 cm Up | | | | | | | |
|-----|---------------------|---------------|---------------|---------------|--------------|--------------|--------------|---------------|---------------|---------------|--------------|--------------|--------------|-------------|--------------|
| | | N/Ha | V/ha | N/Ha | V/ha | N/Ha | V/ha | N/Ha | V/ha | | | | | | |
| 1 | Kayu Meranti | 181,44 | 33,24 | 39,86 | 18,69 | 3,46 | 4,39 | 1,05 | 2,12 | | | | | | |
| 2 | Kayu Rimba Campuran | 371,98 | 76,34 | 85,92 | 47,77 | 14,02 | 19,32 | 4,35 | 9,00 | | | | | | |
| 3 | Kayu Indah | 2,16 | 1,22 | 1,48 | 1,11 | 0,56 | 0,68 | 0,11 | 0,23 | | | | | | |
| | Total | 555,59 | 110,80 | 127,25 | 67,57 | 18,03 | 24,40 | 5,51 | 11,34 | | | | | | |
| 4 | Gerunggang | 63,35 | 8,02 | 38,76 | 15,90 | 4,98 | 5,26 | 107,57 | 30,18 | 44,22 | 22,16 | 5,46 | 6,26 | 0,48 | 1,01 |
| 5 | Jambu/Kelat | 7,52 | 0,79 | 2,37 | 1,00 | 0,87 | 1,05 | 11,67 | 4,75 | 4,14 | 3,96 | 1,78 | 2,95 | 0,90 | 1,90 |
| 6 | Kempas | 141,25 | 13,05 | 10,67 | 3,81 | 0,43 | 0,38 | 152,35 | 17,24 | 11,10 | 4,20 | 0,43 | 0,38 | - | - |
| 7 | Malam - malam | 9,03 | 0,80 | 1,59 | 0,58 | 0,71 | 0,76 | 11,44 | 2,39 | 2,41 | 1,59 | 0,83 | 1,00 | 0,11 | 0,25 |
| 8 | Melawan | 0,54 | 0,07 | - | - | - | - | 0,54 | 0,07 | - | - | - | - | - | - |
| 9 | Pelawan | 25,22 | 1,98 | 0,62 | 0,25 | 0,33 | 0,38 | 26,29 | 2,88 | 1,06 | 0,90 | 0,44 | 0,65 | 0,11 | 0,27 |
| 10 | Pisang | 0,11 | 0,02 | - | - | - | - | 0,11 | 0,02 | - | - | - | - | - | - |
| 11 | Punak | 4,16 | 0,59 | 5,67 | 2,33 | 1,83 | 1,92 | 14,17 | 9,93 | 10,02 | 9,34 | 4,35 | 7,01 | 2,52 | 5,09 |
| 12 | Rengas | 0,13 | 0,02 | - | - | - | - | 0,13 | 0,02 | - | - | - | - | - | - |
| 13 | Sira - sira | 0,22 | 0,01 | - | - | - | - | 0,22 | 0,01 | - | - | - | - | - | - |
| III | Kayu Indah | 0,68 | 0,12 | 0,92 | 0,42 | 0,44 | 0,46 | 2,16 | 1,22 | 1,48 | 1,11 | 0,56 | 0,68 | 0,11 | 0,23 |
| 1 | Arang - arang | 17,97 | 1,31 | 0,95 | 0,40 | - | - | 18,92 | 1,71 | 0,95 | 0,40 | - | - | - | - |
| 2 | Ramin | 0,68 | 0,12 | 0,81 | 0,36 | 0,44 | 0,46 | 2,05 | 1,16 | 1,37 | 1,04 | 0,56 | 0,68 | 0,11 | 0,23 |
| 3 | Sungkai | - | - | 0,11 | 0,07 | - | - | 0,11 | 0,07 | - | - | - | - | - | - |
| | Jumlah | 428,33 | 43,23 | 109,22 | 43,16 | 12,52 | 13,06 | 555,59 | 110,80 | 127,25 | 67,57 | 18,03 | 24,40 | 5,51 | 11,34 |

| | | | |
|-----|---------------|---------------|--------------|
| III | Kayu Indah | 0,68 | 0,12 |
| 1 | Arang - arang | 17,97 | 1,31 |
| 2 | Ramin | 0,68 | 0,12 |
| 3 | Sungkai | - | - |
| | Jumlah | 428,33 | 43,23 |

The above legal facts unequivocally show that APP’s pulpwood suppliers have been knowingly and deliberately clearing peat swamp forest that has been identified as containing ramin trees on their concessions in a planned and programmed manner.

Has the Ministry of Forestry attempted to stop the clearing of ramin trees in a planned and programmed manner by APP's pulpwood suppliers?

This is a very pertinent question indeed. But the answer is beyond dispute, namely, no efforts were made by the Ministry of Forestry to prevent the clearing of ramin trees. This is clear from the fact that the micro-delineation documents of the APP's pulpwood suppliers were never revised, meaning that they were reviewed and approved by the Ministry of Forestry.

The micro-delineation documents of APP's pulpwood supplier – as shown in the five micro-delineation documents referred to above – clearly reveal that the clearing of peat swamp forest in APP concessions involved the felling of protected trees, including ramin.

Nothing is hidden or concealed in these micro-delineation documents and the planned and programmed felling of protected tree species. And yet, nothing was done by the Ministry of Forestry to prevent such destruction. In fact, the Ministry of Forestry never even asked for the documents to be reviewed.

All that the Ministry of Forestry did was to require an “integrity pact” to be incorporated in each of the documents, stated that the results of the micro-delineations would be implemented in a professional manner to the best of the company's ability and the optimum deployment of its resources (see the scanned Integrity Pacts signed by the four APP pulpwood suppliers and one letter of approval by the Ministry of Forestry).



It needs to be stressed that the taking of the initiative to require integrity pacts by the Ministry of Forestry was based on the ministry's concerns about an illegal logging operation by the Riau Provincial Police (commenced in 2007 and halted around the time of the 2009 elections).

As a result, the responsibility for the development of pulpwood plantations was legally assigned to the companies as the concession holders.

Thus, of the five APP pulpwood suppliers, PT Bina Duta Laksana (2007) still received an "approval" from the Ministry of Forestry for its micro-delineation report, while in case of the other pulpwood suppliers, the need for an approval was replaced by the signing of an integrity pact starting in 2008.

This means that the planned and programmed clearing of protected trees, including ramin, formed part and parcel of the implementation of the micro-delineation findings.

The Integrity Pacts mentioned above also stated that should they be violated, then the companies would be willing to accept the consequences. Of course, felling protected trees, including ramin, did not constitute a violation as the plans for the clearing of peat swamp forests, including the ramin trees they contained were approved by the Ministry of Forestry.

The fact that they were approved meant that the Ministry of Forestry made no corrections to the plans for the clearing of ramin trees in the concessions of APP's pulpwood suppliers. It should come as no surprise therefore that APP's pulpwood suppliers then proceeded to clear the peat swamp forests in their concession areas as planned, even though they were identified as containing ramin populations.

This fact reveals that, legally speaking, no efforts were made by the Ministry of Forestry to protect ramin trees from the practice of clearing peat swamp forest by APP's pulpwood suppliers. Thus, it is clear that there are doubts over the Government of Indonesia's commitment to protecting ramin, a tree species protected both under Indonesia's own legislation and CITES.

Conclusions

- ✚ APP's pulpwood suppliers cleared protected trees, including ramin, in a planned and programmed manner, as revealed by the micro-delineation documents/operational plans.
- ✚ The Indonesian Ministry of Forestry clearly took no action to prevent the clearing of protected trees, including ramin, in a planned and programmed manner, as revealed by the documents of APP's pulpwood suppliers.

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