



Traceability

January 2016-December 2016



IOI GROUP

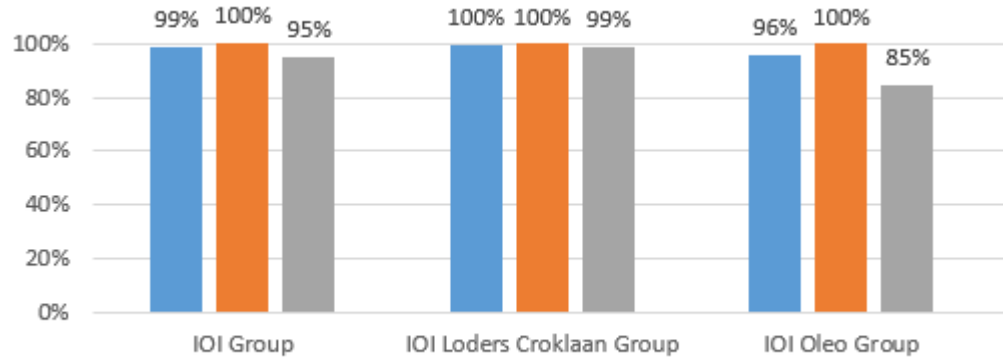
Tracing our Supply Chain

- Supply chain traced to mill level
 - Note: as of April 2016 we report our traceability numbers on a quarterly basis over the previous twelve months
 - Palm oil (mill level)
 - Direct sourcing (via IOI Group¹)
 - Indirect sourcing (via 3rd party suppliers²)
 - Palm Kernel oil (mill level)
 - Direct sourcing (via IOI Group)
 - Indirect sourcing (via 3rd party suppliers)
 - Prepared under supervision of the Sustainable PO Sourcing Committee
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1. IOI mills and 3rd party mills sourced via IOI
 2. 3rd party mills sourced via other shippers, processors & traders

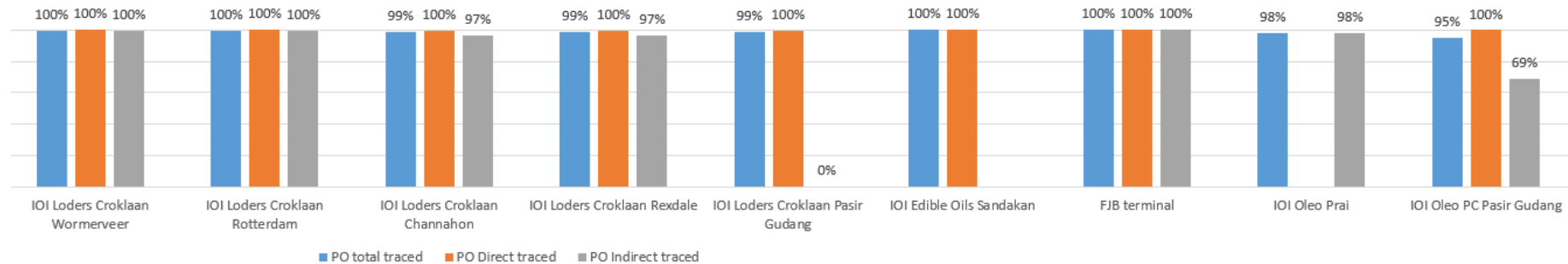


Traceability to Mill for PO Stream per IOI Location Jan16-Dec16

Group totals:

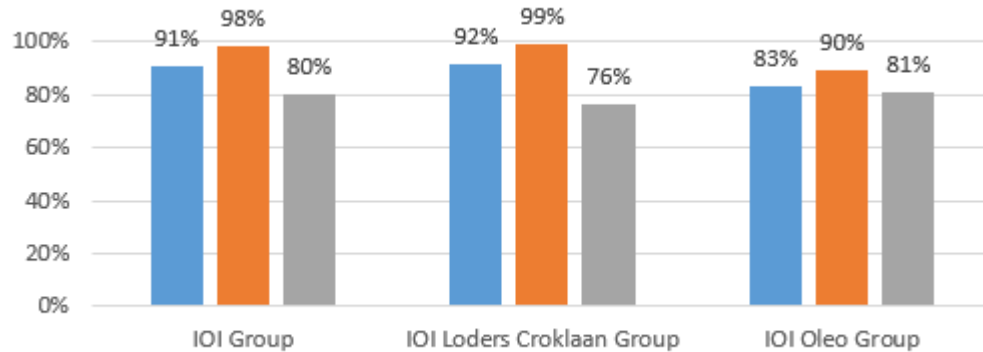


Breakdown per region:

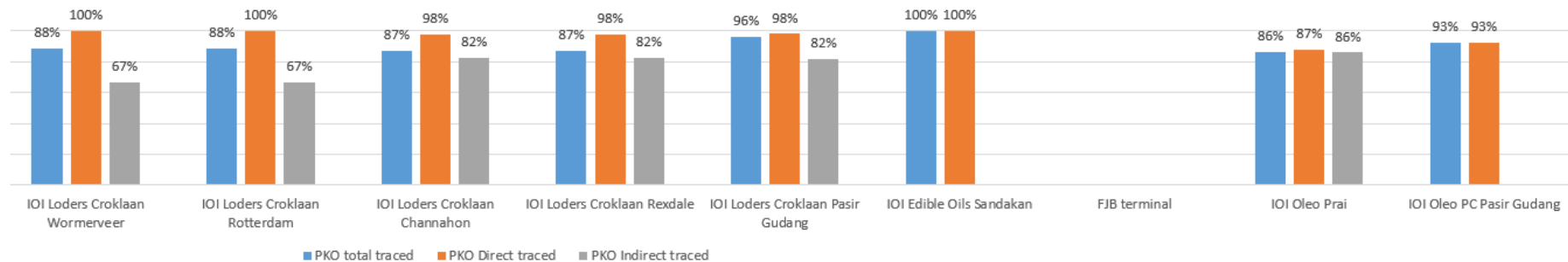


Traceability to Mill for PKO Stream per IOI Location Oct15-Sep16

Group totals:



Breakdown per region:



The volumes from **IOI owned mills** are **traceable to plantation** level.

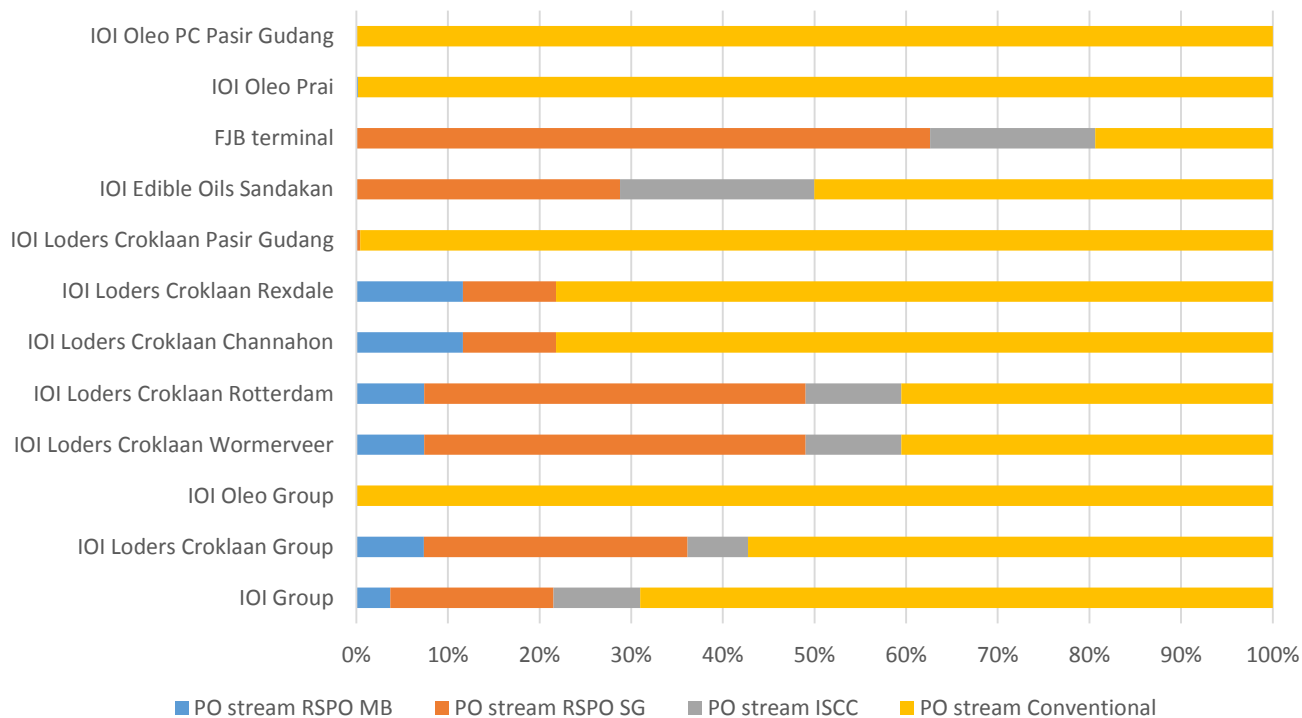
Twelve IOI mills are RSPO certified. We are preparing the remaining two mills for RSPO certification by end 2018.

| PO stream | | Directly sourced | | | | Indirectly sourced | |
|----------------------------------|----------|----------------------|------------|----------------------|------------|--------------------------|------------|
| | | from IOI owned mills | | from 3rd party mills | | from 3rd party suppliers | |
| | | Volume % | # of mills | Volume % | # of mills | Volume % | # of mills |
| IOI Group | Total | 26% | 14 | 44% | 121 | 30% | 1304 |
| IOI Loders Croklaan Group | Subtotal | 27% | 14 | 32% | 119 | 41% | 1212 |
| IOI Oleo Group | Subtotal | 5% | 5 | 66% | 70 | 30% | 210 |
| IOI Loders Croklaan Wormerveer | refinery | 39% | 14 | 5% | 110 | 55% | 862 |
| IOI Loders Croklaan Rotterdam | refinery | 39% | 14 | 5% | 49 | 55% | 808 |
| IOI Loders Croklaan Channahon | refinery | 8% | 14 | 66% | 108 | 26% | 1016 |
| IOI Loders Croklaan Rexdale | refinery | 8% | 14 | 66% | 119 | 26% | 1163 |
| IOI Loders Croklaan Pasir Gudang | refinery | 2% | 5 | 97% | 67 | 1% | 83 |
| IOI Edible Oils Sandakan | refinery | 52% | 10 | 48% | 41 | 0% | 0 |
| FJB Terminal | terminal | 92% | 4 | 4% | 13 | 5% | 11 |
| IOI Oleochemicals Prai | refinery | 0% | 0 | 0% | 0 | 100% | 105 |
| IOI Pan-Century | refinery | 6% | 5 | 79% | 70 | 15% | 132 |

| PKO stream | | Directly sourced | | | | Indirectly sourced | |
|----------------------------------|----------|----------------------|------------|-----------------------------------|------------|--------------------------|------------|
| | | from IOI owned mills | | from 3rd party mills and crushers | | from 3rd party suppliers | |
| | | Volume % | # of mills | Volume % | # of mills | Volume % | # of mills |
| IOI Group | Total | 20% | 12 | 38% | 144 | 42% | 1200 |
| IOI Loders Croklaan Group | Subtotal | 22% | 12 | 47% | 144 | 31% | 1068 |
| IOI Oleo Group | Subtotal | 2% | 12 | 21% | 134 | 77% | 264 |
| IOI Loders Croklaan Wormerveer | refinery | 50% | 10 | 15% | 39 | 35% | 317 |
| IOI Loders Croklaan Rotterdam | refinery | 50% | 10 | 15% | 39 | 35% | 317 |
| IOI Loders Croklaan Channahon | refinery | 10% | 10 | 22% | 42 | 68% | 780 |
| IOI Loders Croklaan Rexdale | refinery | 10% | 10 | 22% | 69 | 68% | 1068 |
| IOI Loders Croklaan Pasir Gudang | refinery | 7% | 12 | 83% | 130 | 10% | 37 |
| IOI Edible Oils Sandakan | refinery | 46% | 10 | 54% | 42 | 0% | 0 |
| FJB Terminal | terminal | | 0 | | 0 | | 0 |
| IOI Oleochemicals Prai | refinery | 1% | 12 | 15% | 131 | 84% | 264 |
| IOI Pan-Century | refinery | 11% | 12 | 89% | 130 | 0% | 37 |

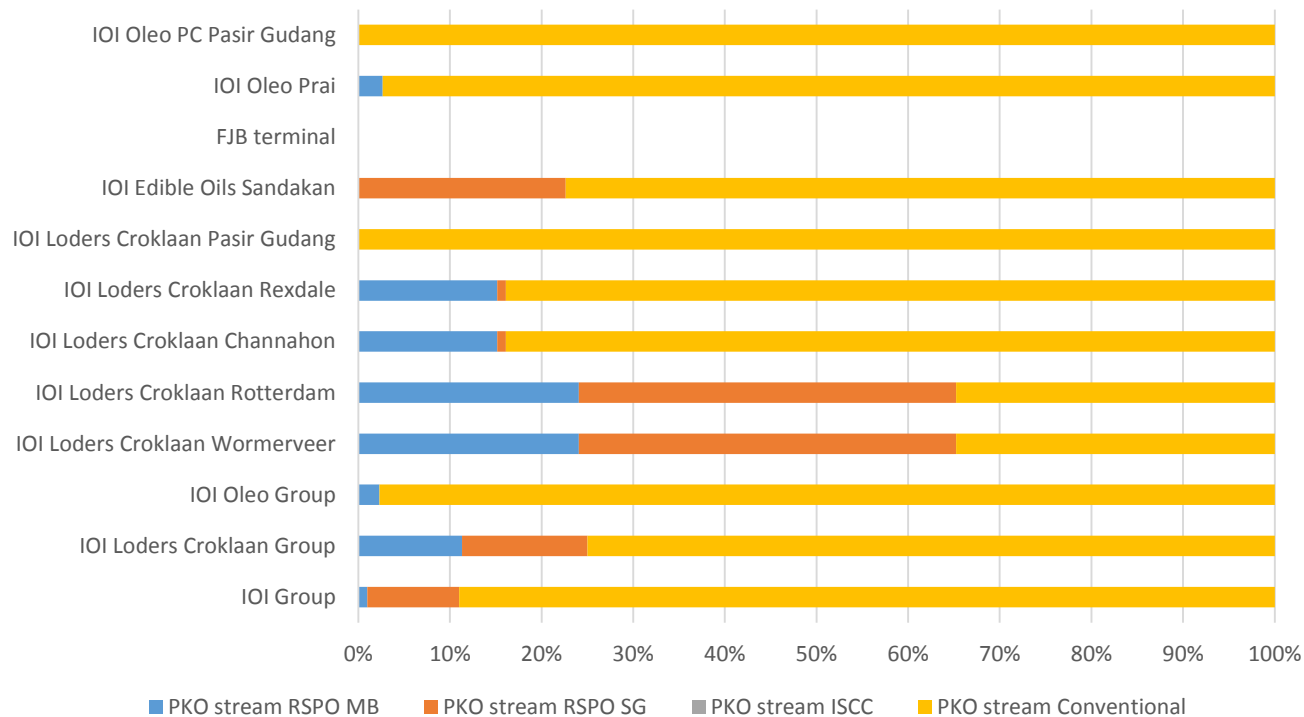
Certified PO Volumes per Refinery Jan16-Dec16

Certified PO volumes per refinery Jan16-Dec16

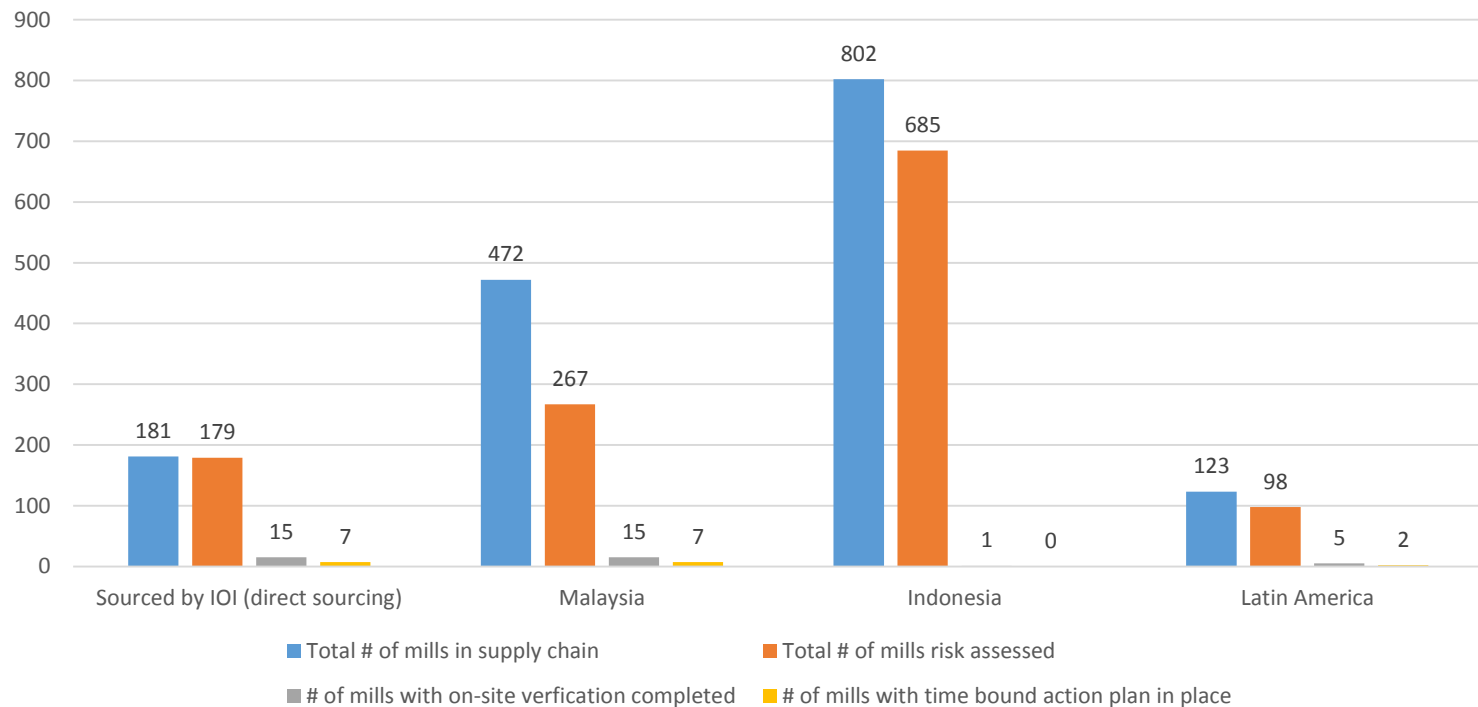


Certified PKO Volumes per Refinery Jan16-Dec16

Certified PKO volumes per refinery Jan16-Dec16



Risk Assessment and Supplier Verification & Consultation Jan16-Dec16



- The risk assessment was performed by Proforest using the WRI / GFW tool.
- Each mill was scored against 4 spatial parameters.
- Mills are prioritized based on score risk assessment, volumes sourced and findings IOI's own mill alert system which includes spatial and non-spatial parameters.