



# Traceability

October 2016 – September 2017



**IOI GROUP**

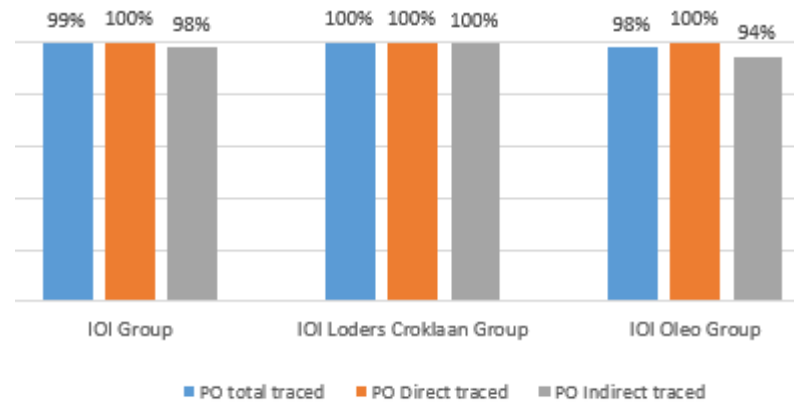
# Tracing our Supply Chain

- 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 Group<sup>1</sup>)
    - Indirect sourcing (via 3<sup>rd</sup> party suppliers<sup>2</sup>)
  - Palm Kernel oil (mill level)
    - Direct sourcing (via IOI Group)
    - Indirect sourcing (via 3<sup>rd</sup> party suppliers)
  - Prepared under supervision of the Sustainable PO Sourcing Committee
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1. IOI mills and 3<sup>rd</sup> party mills sourced via IOI
  2. 3<sup>rd</sup> party mills sourced via other shippers, processors & traders

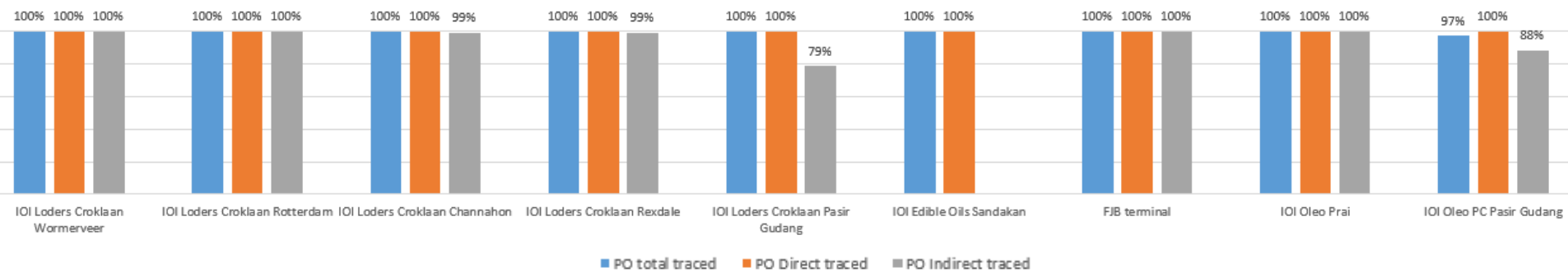


# Traceability to Mill for PO Stream per IOI Location Oct 2016-Sep 2017

Group totals:



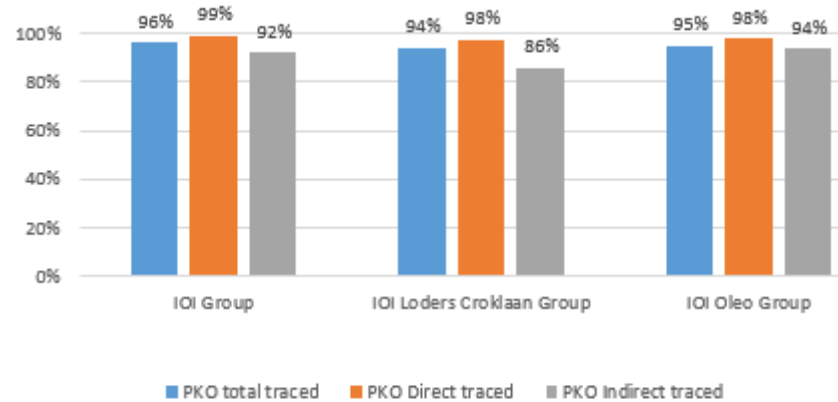
Breakdown per region:



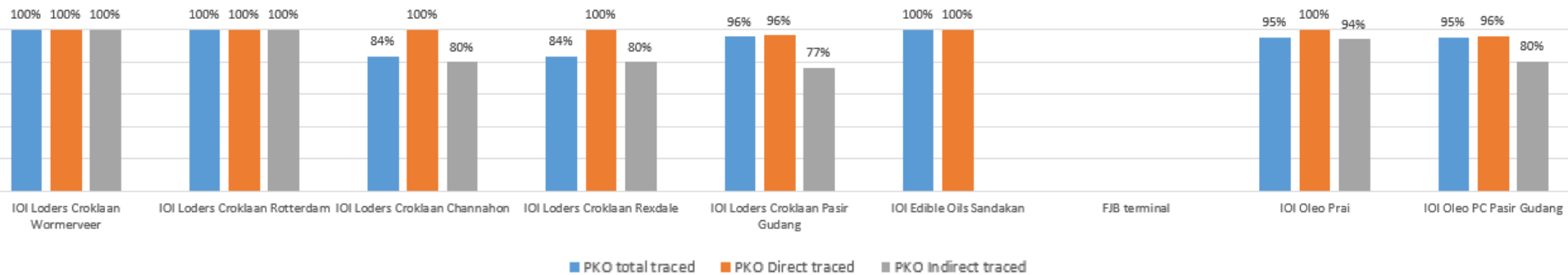


# Traceability to Mill for PKO Stream per IOI Location Oct 2016-Sep 2017

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.

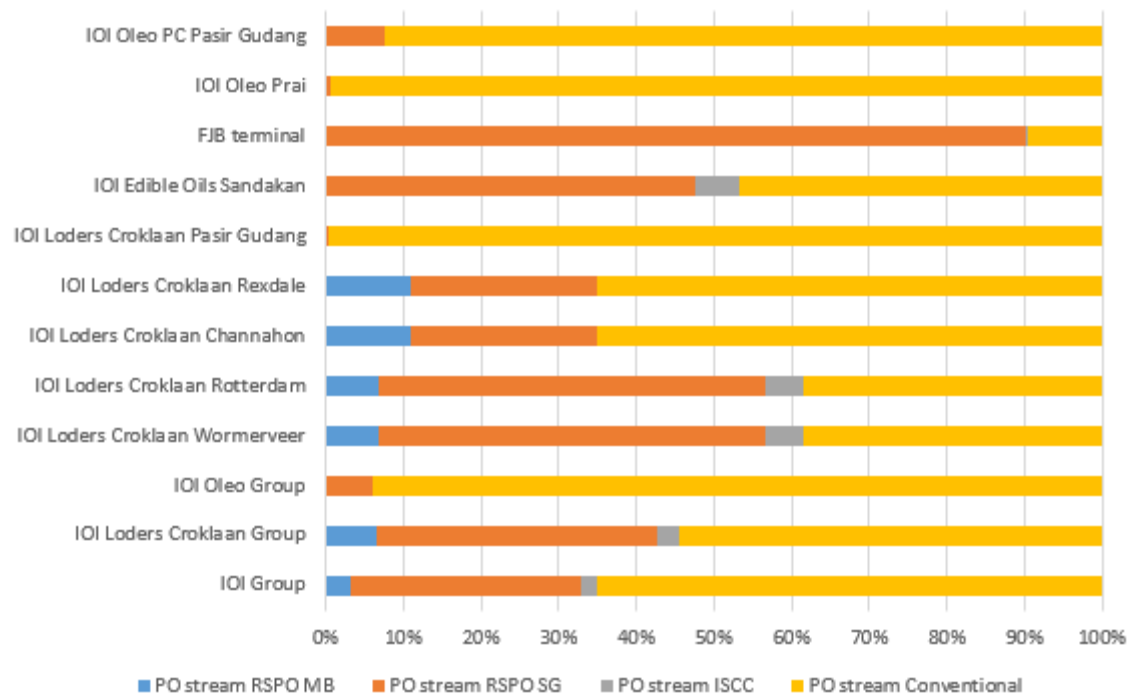
PO stream		Directly sourced				Indirectly sourced	
		from IOI owned mills		from 3rd party mills		from 3rd party supplier	
		Volume %	# of mills	Volume %	# of mills	Volume %	# of mills
IOI Group	Total	27%	14	42%	123	31%	1261
IOI Loders Croklaan Group	Subtotal	29%	14	33%	118	38%	1122
IOI Oleo Group	Subtotal	0%	5	62%	74	38%	401
IOI Loders Croklaan Wormerveer	refinery	38%	14	9%	90	53%	760
IOI Loders Croklaan Rotterdam	refinery	38%	14	9%	43	53%	760
IOI Loders Croklaan Channahon	refinery	24%	14	50%	113	26%	1040
IOI Loders Croklaan Rexdale	refinery	24%	14	50%	105	26%	911
IOI Loders Croklaan Pasir Gudang	refinery	1%	5	98%	63	1%	122
IOI Edible Oils Sandakan	refinery	54%	10	46%	39	0%	0
FJB Terminal	terminal	89%	4	2%	4	9%	8
IOI Oleochemicals Prai	refinery	0%	0	1%	0	99%	189
IOI Pan-Century	refinery	1%	5	77%	74	23%	257

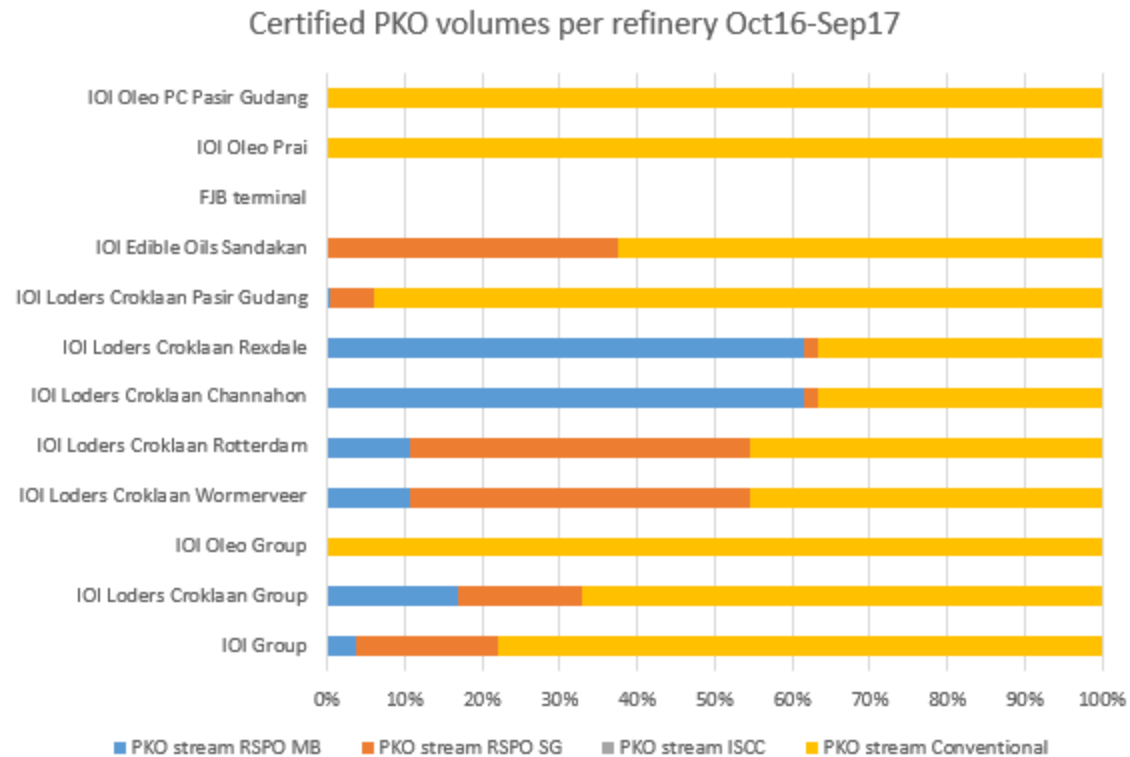
PKO stream		Directly sourced				Indirectly sourced	
		from IOI owned mills		from 3rd party mills and crushers		from 3rd party supplier	
		Volume %	# of mills	Volume %	# of mills	Volume %	# of mills
IOI Group	Total	22%	12	39%	147	38%	1156
IOI Loders Croklaan Group	Subtotal	18%	12	53%	147	29%	1096
IOI Oleo Group	Subtotal	2%	12	25%	137	73%	288
IOI Loders Croklaan Wormerveer	refinery	49%	10	19%	42	32%	336
IOI Loders Croklaan Rotterdam	refinery	49%	10	19%	42	32%	336
IOI Loders Croklaan Channahon	refinery	7%	10	11%	48	82%	1067
IOI Loders Croklaan Rexdale	refinery	7%	10	11%	41	82%	773
IOI Loders Croklaan Pasir Gudang	refinery	4%	12	92%	140	4%	116
IOI Edible Oils Sandakan	refinery	45%	10	55%	42	0%	0
FJB Terminal	terminal					0%	
IOI Oleochemicals Prai	refinery	1%	12	15%	48	84%	263
IOI Pan-Century	refinery	7%	12	90%	135	4%	135

# Certified PO Volumes per Refinery Oct 2016- Sep 2017

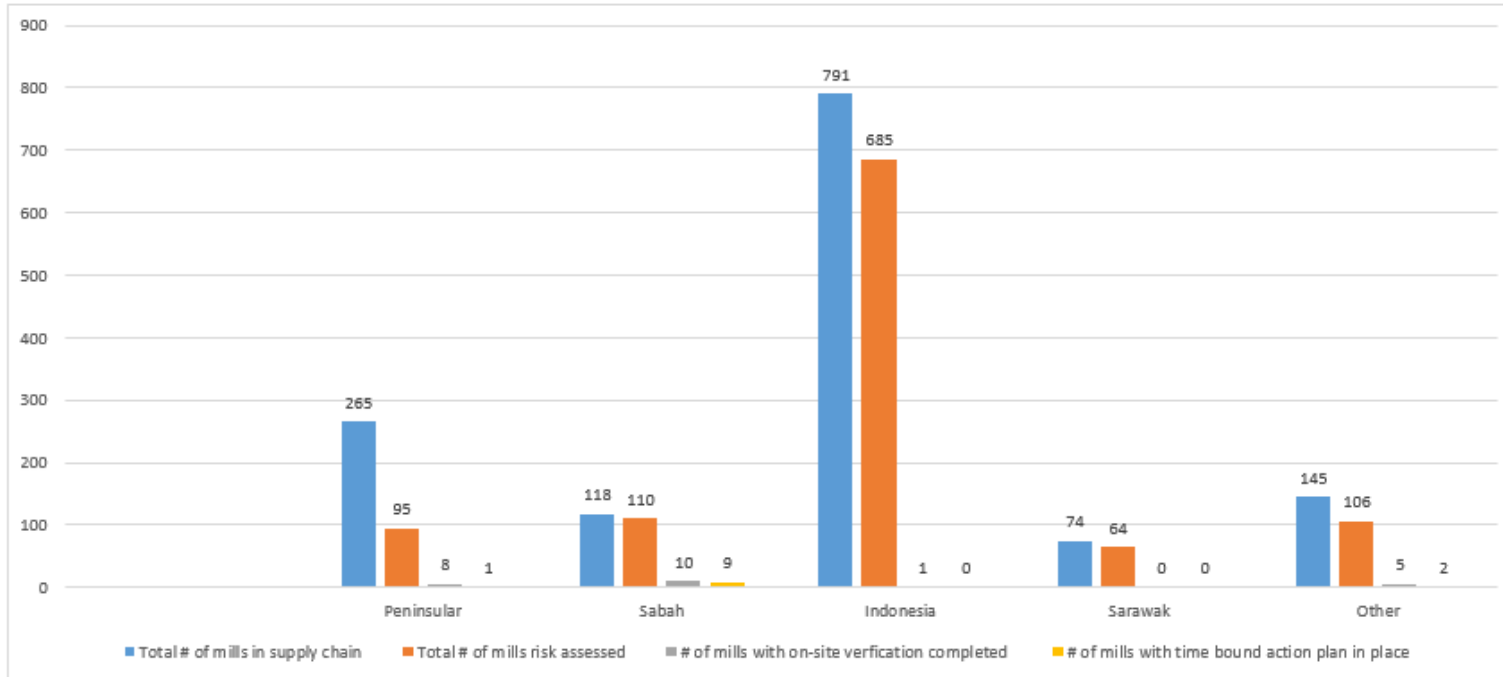
Certified PO volumes per refinery Oct16-Sep17



# Certified PKO Volumes per Refinery Oct 2016- Sep 2017



# Risk Assessment and Supplier Verification & Consultation Oct 2016- Sep 2017



- 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.
- Next risk assessment will be completed by end 2017