



# Traceability

July 2016 – June 2017



**IOI GROUP**

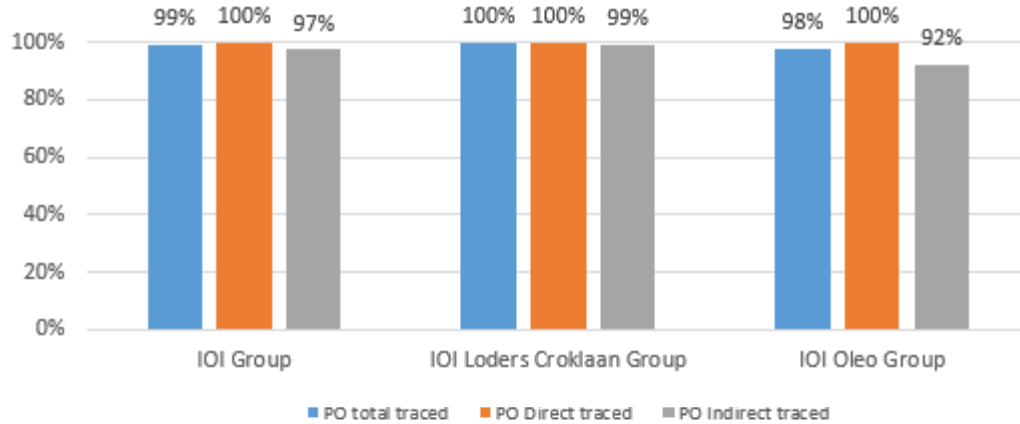
# Tracing our Supply Chain

- 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

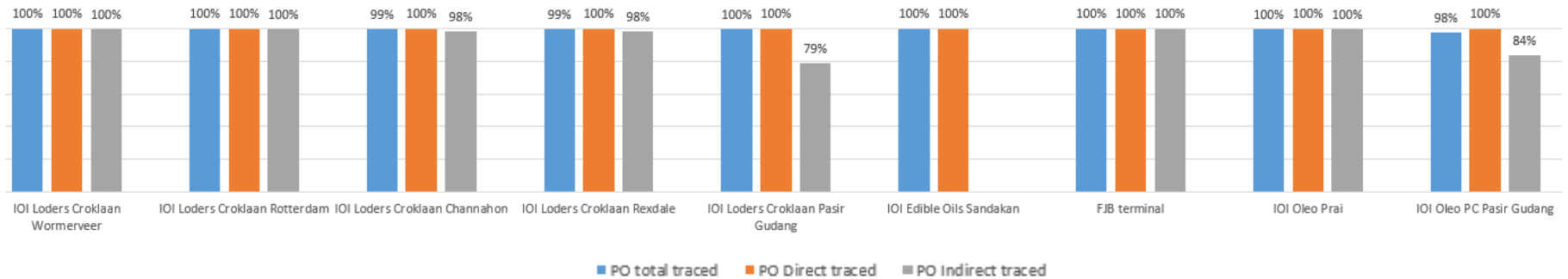


# Traceability to Mill for PO Stream per IOI Location July2016-June2017

Group totals:

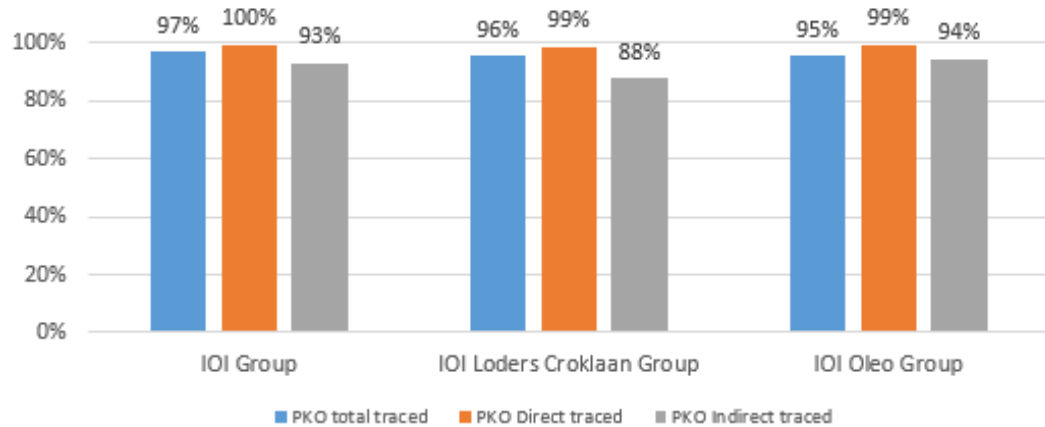


Breakdown per region:

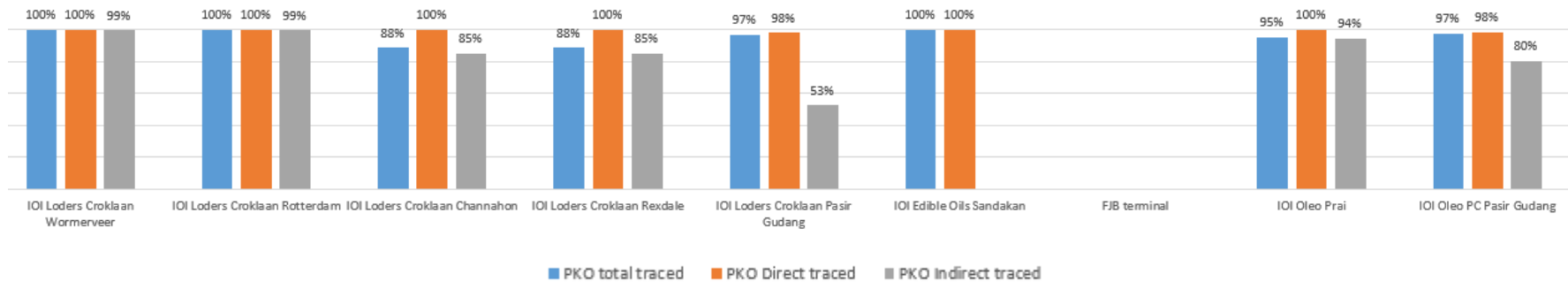


# Traceability to Mill for PKO Stream per IOI Location July2016-June2017

Group totals:



Breakdown per region:



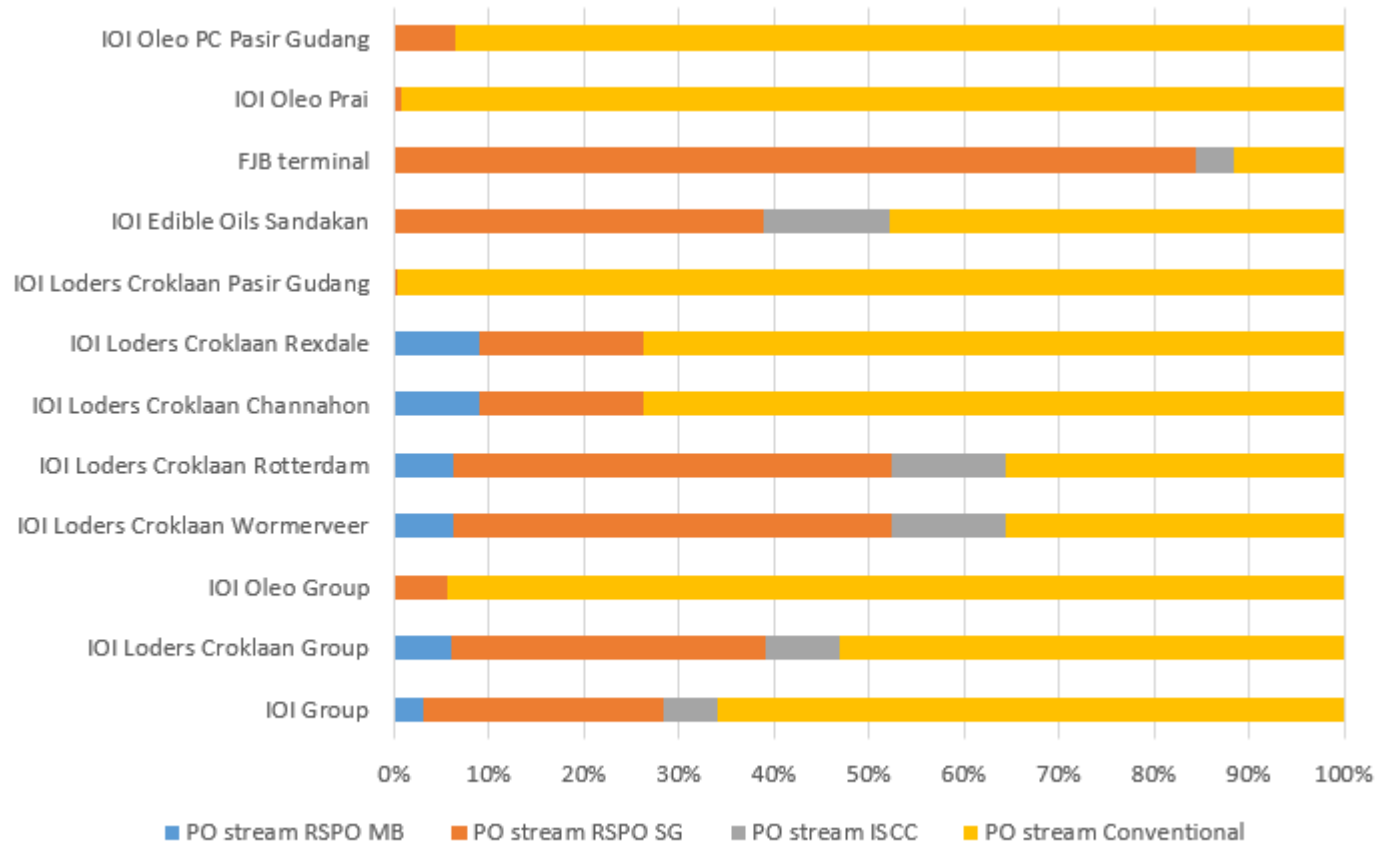
The volumes from **IOI owned mills** are **traceable to plantation** level.

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

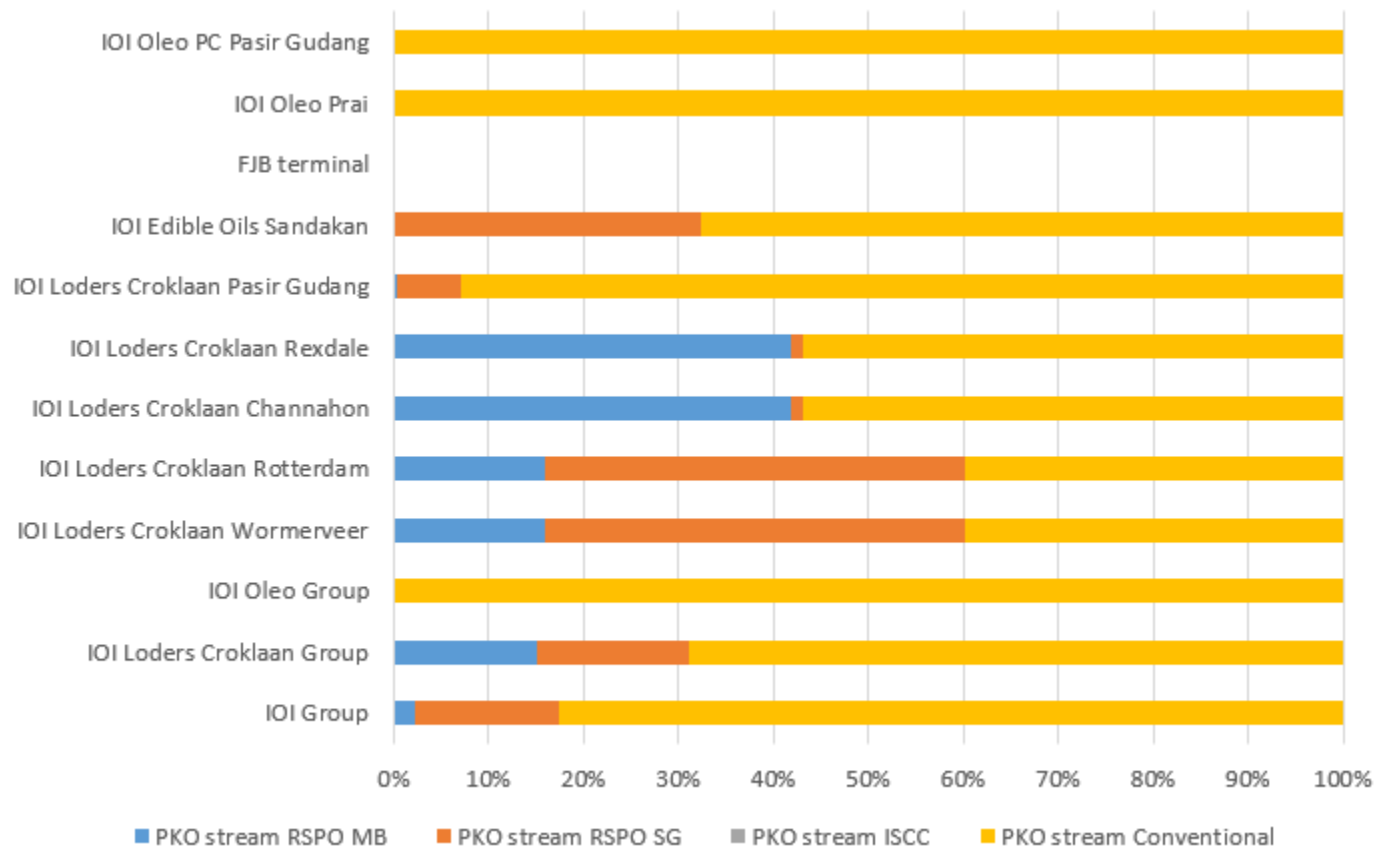
PO stream		Directly sourced				Indirectly sourced	
		from IOI owned mills		from 3rd party mills		from 3rd party suppliers	
		Volume %	# of mills	Volume %	# of mills	Volume %	# of mills
IOI Group	Total	26%	14	46%	122	28%	1296
IOI Loders Croklaan Group	Subtotal	29%	14	32%	123	39%	1175
IOI Oleo Group	Subtotal	1%	5	71%	76	28%	352
IOI Loders Croklaan Wormerveer	refinery	39%	14	8%	108	53%	864
IOI Loders Croklaan Rotterdam	refinery	39%	14	8%	46	53%	810
IOI Loders Croklaan Channahon	refinery	19%	14	59%	119	22%	1139
IOI Loders Croklaan Rexdale	refinery	19%	14	59%	107	22%	953
IOI Loders Croklaan Pasir Gudang	refinery	1%	5	97%	69	1%	109
IOI Edible Oils Sandakan	refinery	51%	10	49%	40	0%	0
FJB Terminal	terminal	96%	4	0%	4	4%	8
IOI Oleochemicals Prai	refinery	0%	0	1%	0	99%	128
IOI Pan-Century	refinery	1%	5	84%	76	15%	255

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	22%	12	35%	157	43%	1265
IOI Loders Croklaan Group	Subtotal	20%	12	52%	153	28%	1172
IOI Oleo Group	Subtotal	1%	12	22%	144	78%	255
IOI Loders Croklaan Wormerveer	refinery	54%	10	17%	40	28%	310
IOI Loders Croklaan Rotterdam	refinery	54%	10	17%	40	28%	310
IOI Loders Croklaan Channahon	refinery	9%	10	16%	50	75%	1125
IOI Loders Croklaan Rexdale	refinery	9%	10	16%	41	75%	846
IOI Loders Croklaan Pasir Gudang	refinery	5%	12	92%	141	2%	110
IOI Edible Oils Sandakan	refinery	46%	10	54%	41	0%	0
FJB Terminal	terminal						
IOI Oleochemicals Prai	refinery	0%	12	15%	122	85%	237
IOI Pan-Century	refinery	8%	12	88%	143	4%	129

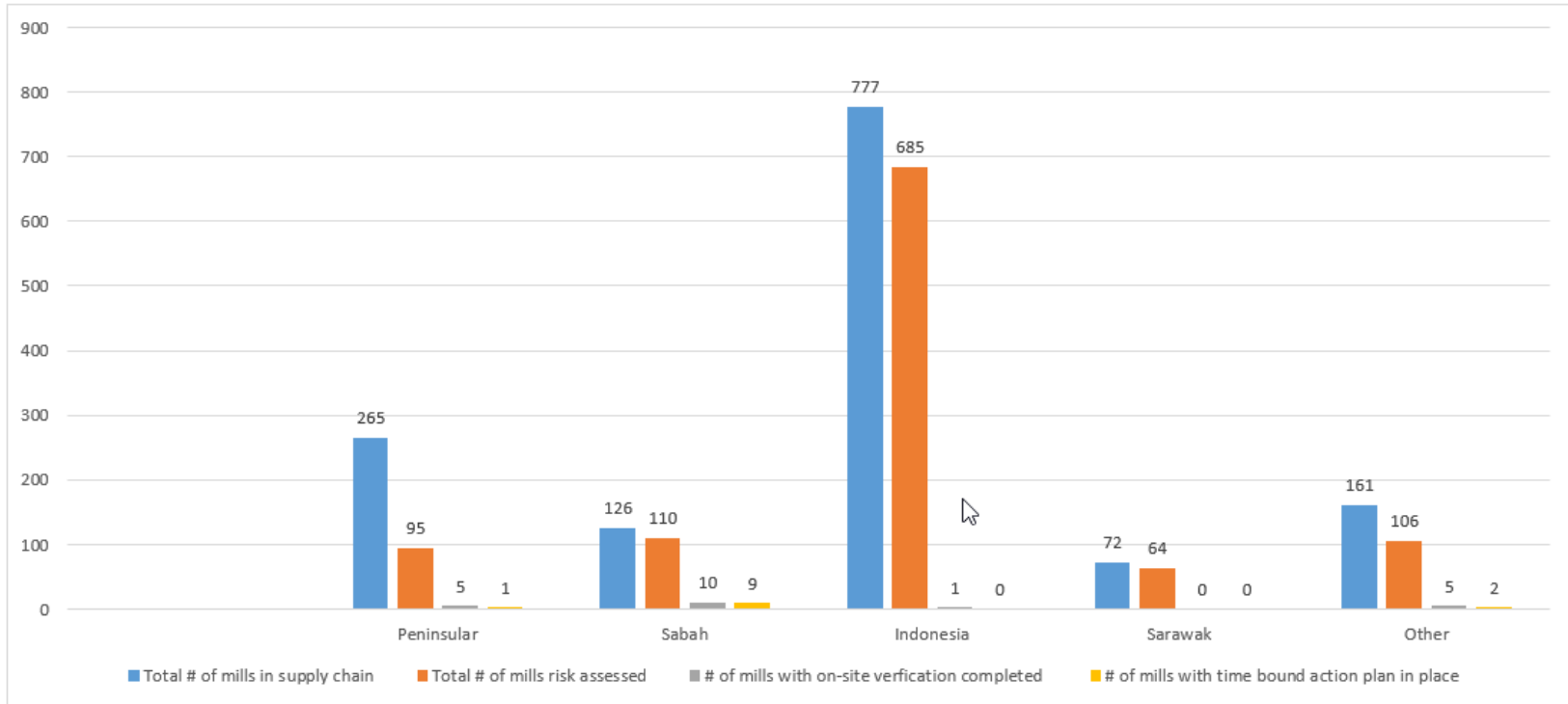
# Certified PO Volumes per Refinery July2016-June2017



# Certified PKO Volumes per Refinery July2016-June2017



# Risk Assessment and Supplier Verification & Consultation July2016-June2017



- 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.