



WRI INDONESIA

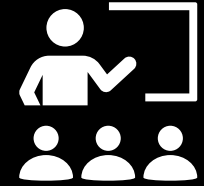
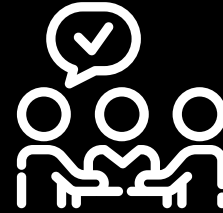
# RADD IN ACTION

FOREST LEGALITY WEEK – JUNE 2021 | BENITA NATHANIA

0010

# RADD IN SIAK DISTRICT – RIAU PROVINCE

# RADD IN SIAK DISTRICT – RIAU PROVINCE



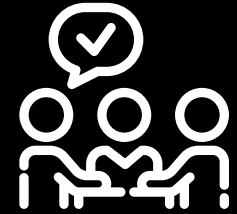
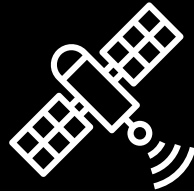
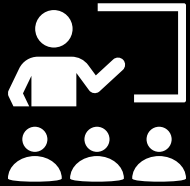
A coalition  
of ten  
major  
palm oil  
producers  
and  
buyers

The  
priority  
jurisdiction  
identified  
based  
on  
sourcing  
areas

Engagement  
with  
local  
government  
actor –  
district  
Plantation  
Agency

Training  
and  
deploying  
“extension  
workers”  
for  
verifying  
alerts

# RADD IN SIAK DISTRICT – RIAU PROVINCE



Training and deploying “extension workers” for verifying alerts

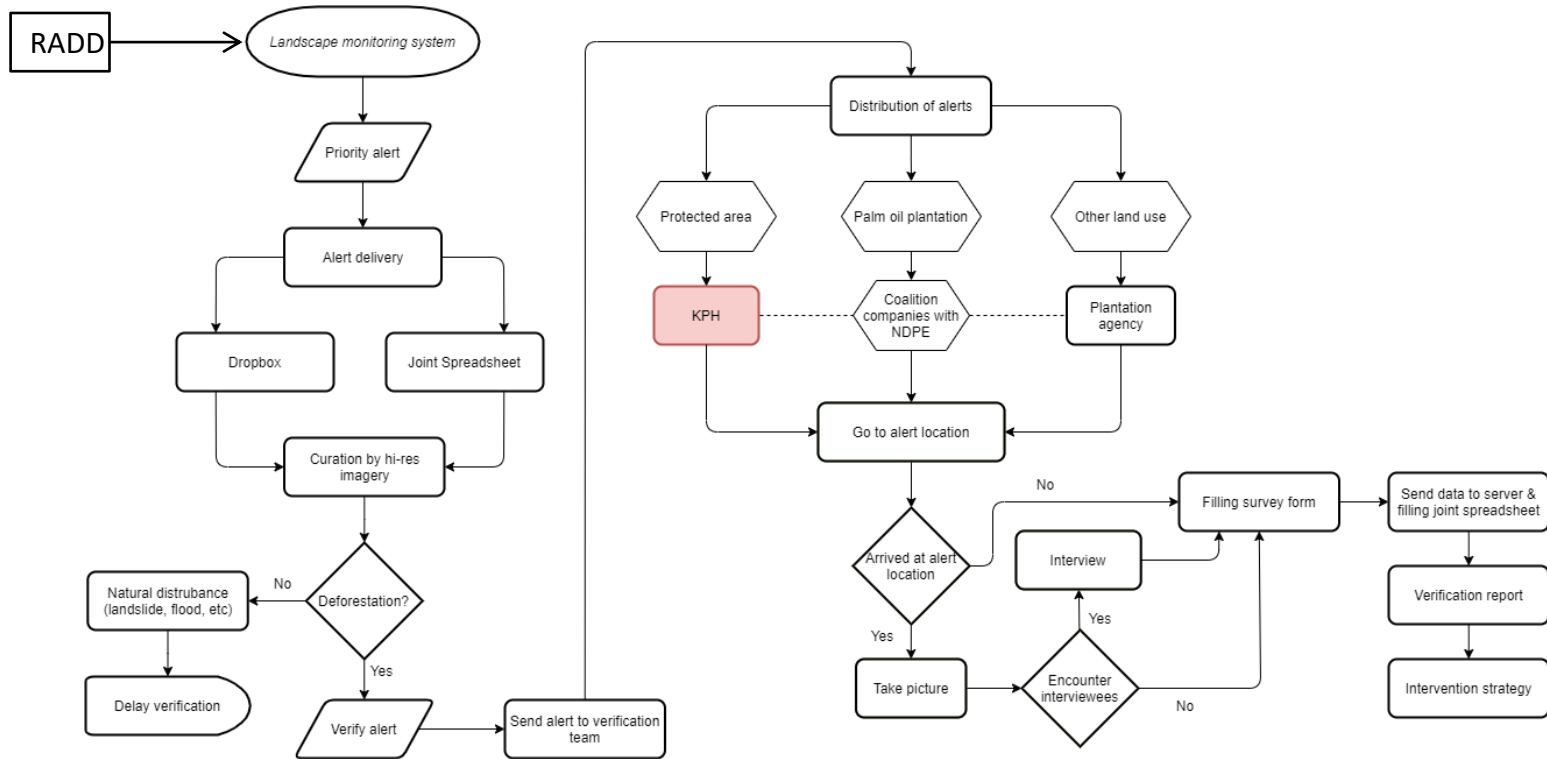
Operational verification activity and data collection

Analysis and reporting of findings

Develop and agree on a response protocol

*On-going process*

# SIAK VERIFICATION PROTOCOL



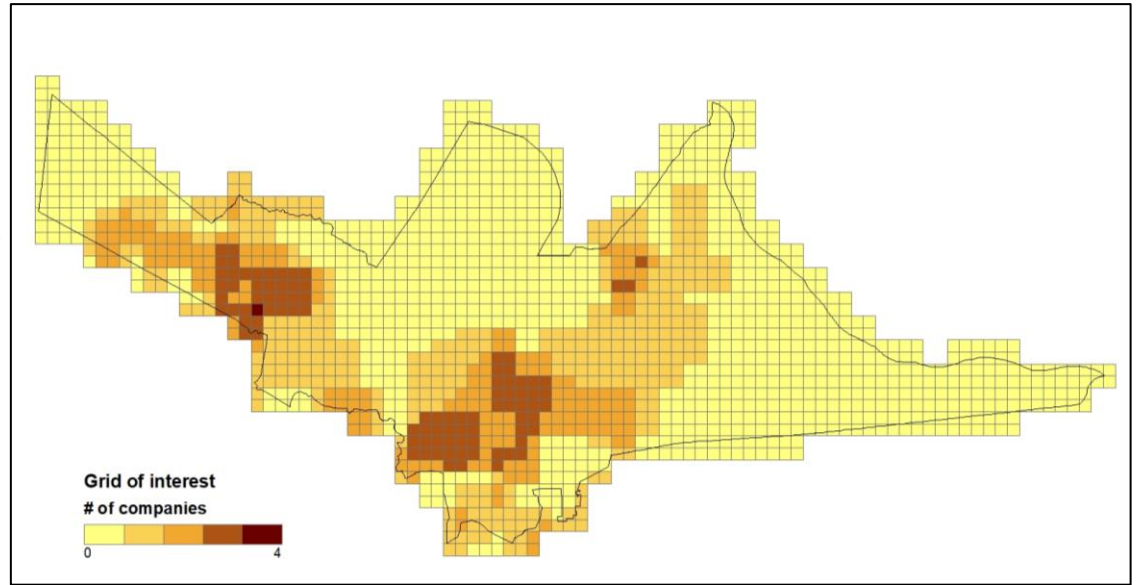
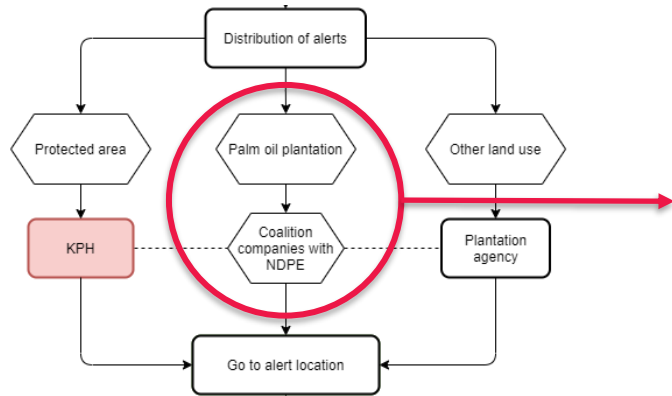
■ On-going engagement

# SIAK VERIFICATION PROTOCOL – RADD COALITION PART

We create grid system for buyer companies that responsible to follow up on alerts in their supplier areas and report back to group.

Grid cells for companies to indicate their approximate “areas of responsibility”

Alerts are tagged to a grid cell and “responsible” companies are flagged in shared verification spreadsheet



# SIAK VERIFICATION PROTOCOL – RADD COALITION PART

RADD verification reporting

File Edit View Insert Format Data Tools Add-ons Help *Last edit was seconds ago*

90% \$ % .0\_ .00 123 Calibri 9 B I S A

J31 fx

1 Instructions: More than one set of verification data may be added for a specific alert. If you wish to add verification data for an alert which already has another set of verification data, please add a new row to the table directly beneath the already populated row for that alert, and copy and enter the relevant verification information.

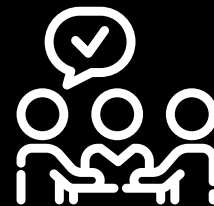
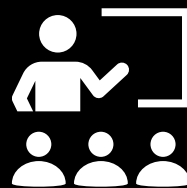
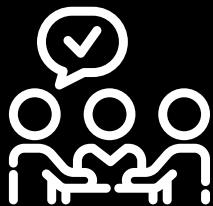
2	ID	Lat	Long	Alert time period	Area [ha]	Special area	Grid of interest	Source	Indication of land clearing / deforestation	Description (if possible)	Proceed with field visit?	Organization	Status	Date of verification [dd-mm-yyyy]	[Opti verifi
3	Alert information														
	[Optional] Preparation using high resolution image														
4	1990063	0.98125	102.6726	2019-09-13-2019-09-27	6.34	Peatland		Sentinel	Yes		No				
5	1990064	0.91537	102.487	2019-09-13-2019-09-28	19.43	Peatland									
6	1990065	0.89868	101.57349	2019-09-13-2019-09-29	6.04	Peatland									
7	1990066	0.89924	102.76102	2019-09-13-2019-09-30	12.87	Peatland									
8	1990067	0.44627	101.18906	2019-09-13-2019-09-31	13.61	None									
9	1990068	0.81861	102.34223	2019-09-13-2019-09-32	11.09	Peatland									
10	IDN_w20hynj_20200125	0.8675	101.5211	2020-01-12 2020-01-13	17.2	Peatland	-	Planet	Yes	Expansion of Acacia plantation	Yes	WRI	complete	29-02-2020	Exten
11	IDN_w20u8u8_20200125	0.8157	102.339	2020-01-07 2020-01-13	29.3	Peatland	-	Planet	Yes	Expansion of Acacia plantation	Yes	WRI	complete	03-03-2020	Exten
12	IDN_w20tqe1_20200125	0.9398	102.241	2020-01-07 2020-01-25	7	Peatland	-	Planet	Yes	Expansion of Acacia plantation	Yes	WRI	complete	02-03-2020	Exten
13	IDN_w20kkrv_20200206	0.7854	101.7854	2020-01-24 2020-02-06	5.1	Peatland	Company X	Sentinel	Yes	BLC: Small patches, no indication of large scale plantation development. Not insid					
14	IDN_w20sebb_20200218	0.7957	102.1183	2020-02-05 2020-02-18	7.5	Peatland	Company Y								
15	IDN_w20hyjt_20200206	0.8678	101.5242	2020-01-24 2020-02-06	12.7	Other	-	Planet	Yes	Clearing in HTI concession	No	WRI			
16	IDN_w20tqe4_20200212	0.9398	102.2426	2020-01-31 2020-02-12	6.3	Peatland	-					WRI			
17	IDN_w20u8u2_20200212	0.8146	102.3385	2020-01-31 2020-02-12	26.3	Peatland	-					WRI			
18	IDN_w20u8u7_20200224	0.8156	102.3428	2020-02-18 2020-02-24	21	Peatland	-					WRI			
19	IDN_w20hyq1_20200312	0.869	101.5266	2020-02-17 2020-03-12	20.5	Other	-	Planet	Yes	Clearing in HTI concession	No	WRI			
20	IDN_w20sebc_20200312	0.7952	102.1203	2020-02-29 2020-03-12	15.8	Peatland	Company X								
21	IDN_w20sefb_20200312	0.805	102.1188	2020-02-17 2020-03-12	6	Peatland	Company X								
22	IDN_w20seud_20200312	0.817	102.1209	2020-02-29 2020-03-12	7.6	Peatland	Company X								
23	IDN_w20u8um_20200307	0.8156	102.3456	2020-03-01 2020-03-07	17.8	Peatland	-								
24	IDN_w20ke29_20200326	0.7943	101.7461	2020-02-29 2020-03-26	2.9	Other	Company Y	Sentinel	Yes	BLC: Small patches, no indication of large scale plantation development. Not insid		WRI			
25	IDN_w20kkrx_20200326	0.7838	101.7877	2020-02-29 2020-03-26	4	Peatland	Company Y	Sentinel	Yes	BLC: Small patches, no indication of large scale plantation development. Not insid		WRI			

Example of joint verification spreadsheet for alert delivery and verification result

# RADD IN ACEH TAMIANG & ACEH TIMUR – ACEH PROVINCE



# RADD IN ACEH TAMIANG & ACEH TIMUR – ACEH PROVINCE



RADD  
consortium  
identified  
next  
priority  
areas

Tag along  
with  
existing  
initiative  
led by  
Govt and  
local CSO

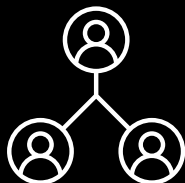
Training  
and  
capacity  
building  
for  
deforestation  
monitoring

Develop  
and agree  
on a  
verification  
and  
response  
protocol

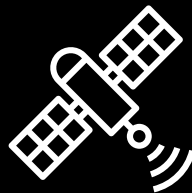
# RADD IN ACEH TAMIANG & ACEH TIMUR – ACEH PROVINCE



Develop and agree on a verification and response protocol



Establish a regional monitoring team/working group



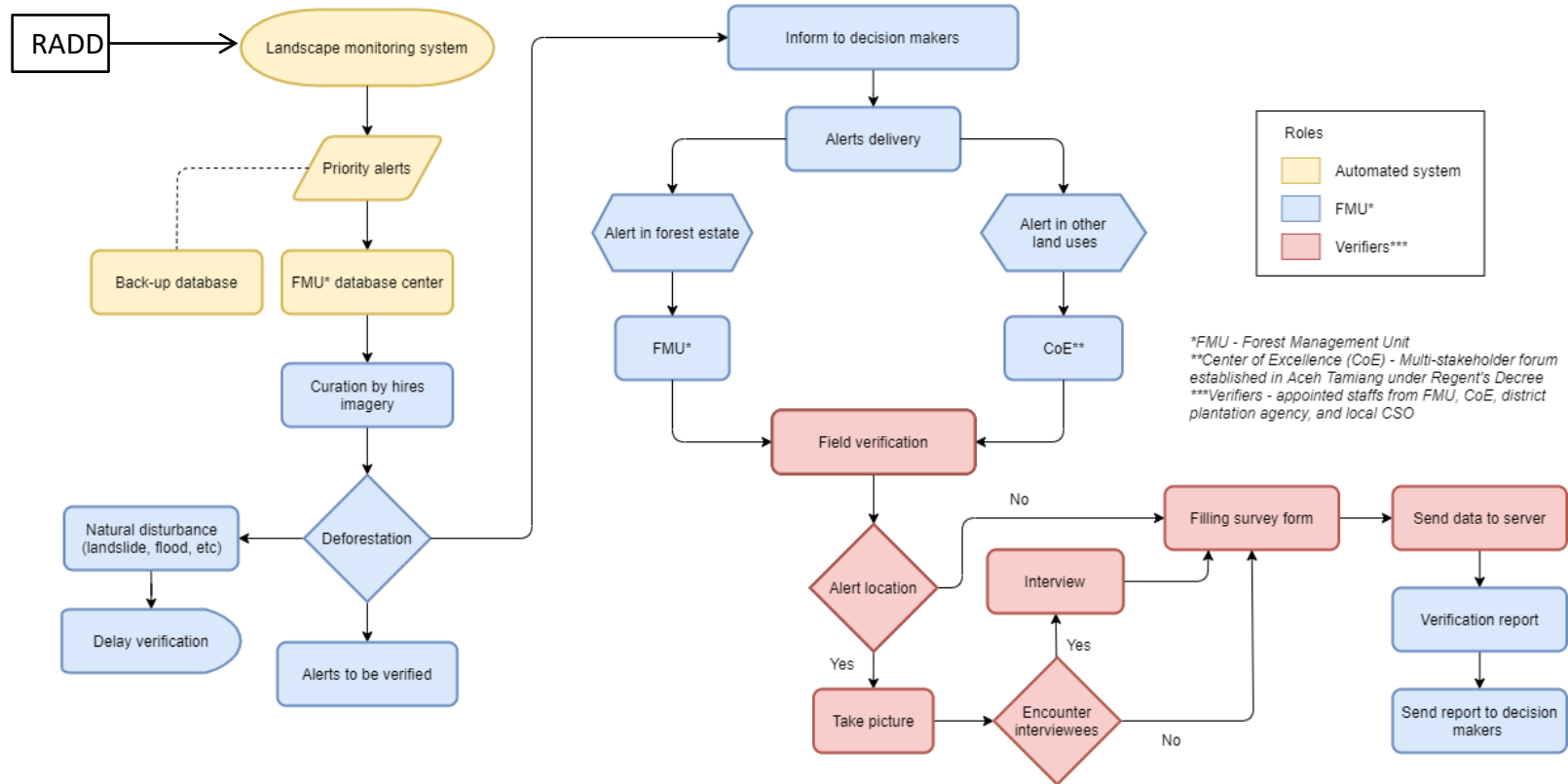
Operational verification activity and data collection



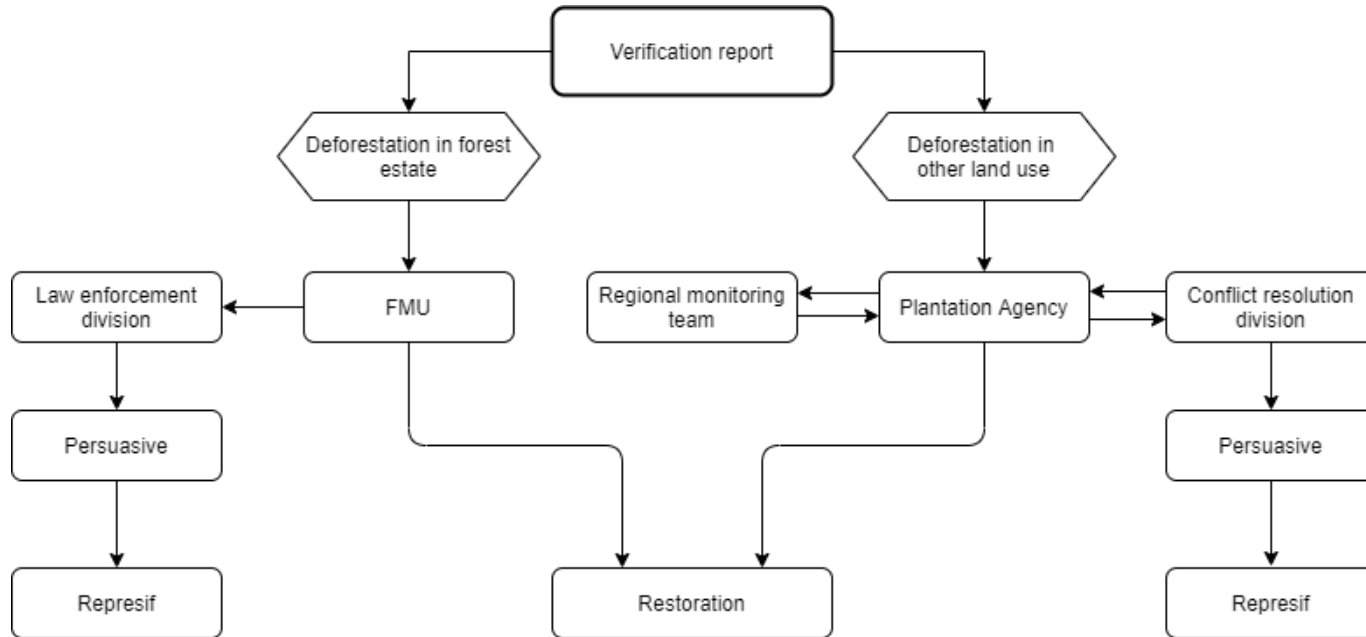
Analysis and reporting of findings

*On-going process*

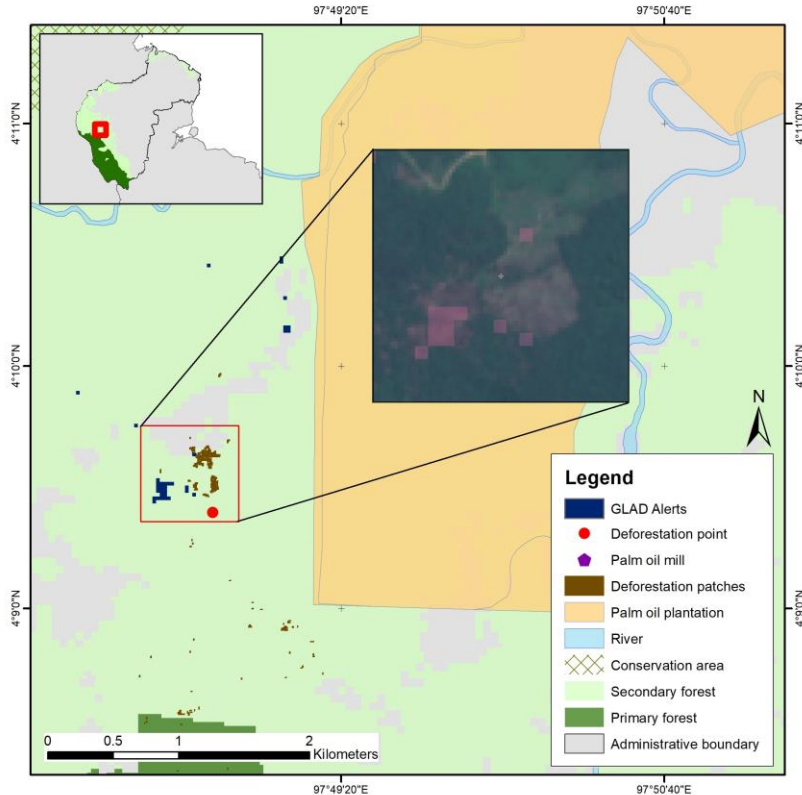
# ACEH TAMIANG & TIMUR VERIFICATION PROTOCOL



# ACEH TAMIANG & TIMUR RESPONSE SCENARIO



# ALERT REPORT



## PRIORITY AREA #1 ACEH TAMIANG

Land clearing indication: 3 ha

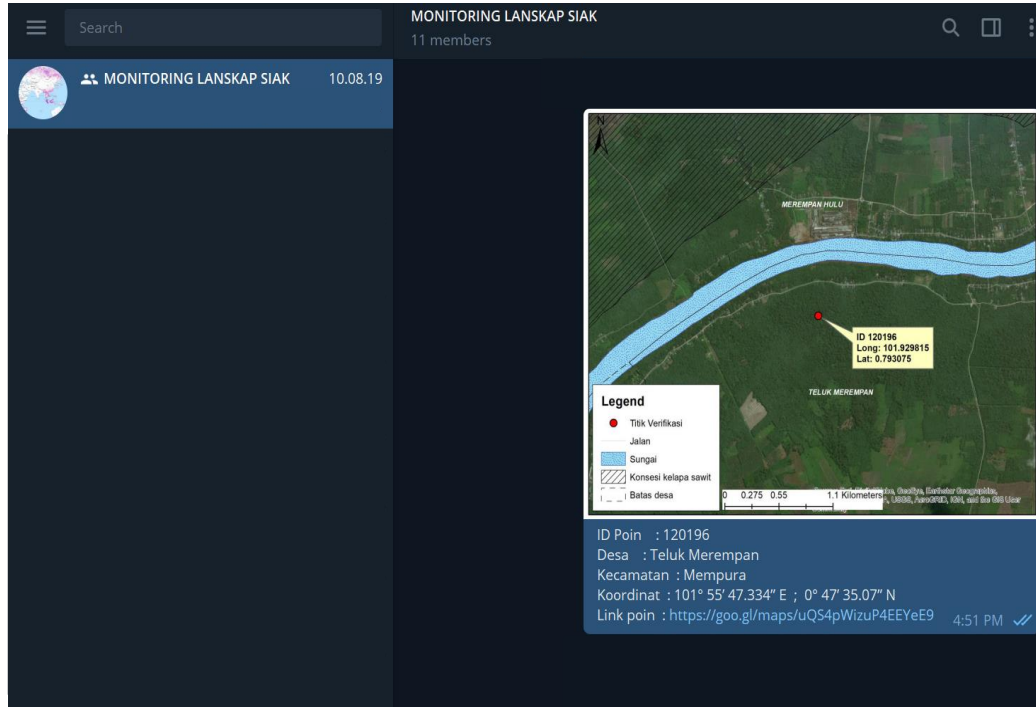
- Conservation area
- Peatland
- Primary forest
- Secondary forest

The area is located in Desa Kaloy, Kecamatan Tamiang Hulu. It is approximately 1 km from PT Mestika Prima Lestari Indah concession and 13 km from PTPN I – P Tiga mill.

Land clearing in this area first detected by RADD system in December 2019, and the clearing has been happening since then up to early May.

Observing from high resolution satellite imagery, the clearing shows irregular pattern, which indicates smallholder activity.

# FIELD VERIFICATION: I. DELIVERING ALERT



## Verification team chat group:

1. Coordinate and alert distribution
2. Receiving location map of alert
3. Sending *geo-tagging* images

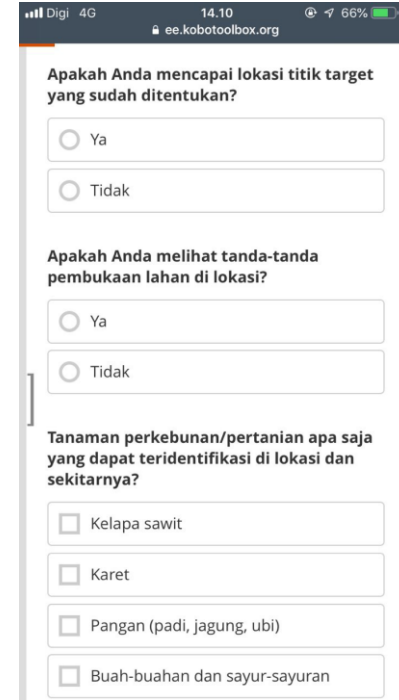
## FIELD VERIFICATION: II. GO TO ALERT LOCATION



# FIELD VERIFICATION: III. REPORTING



Take picture of land clearing and send it to chat group



ee.kobotoolbox.org

Apakah Anda mencapai lokasi titik target yang sudah ditentukan?

Ya

Tidak

Apakah Anda melihat tanda-tanda pembukaan lahan di lokasi?

Ya

Tidak

Tanaman perkebunan/pertanian apa saja yang dapat teridentifikasi di lokasi dan sekitarnya?

Kelapa sawit

Karet

Pangan (padi, jagung, ubi)

Buah-buahan dan sayur-sayuran

Fill survey form through data collection application in smartphone



# VERIFICATION REPORT

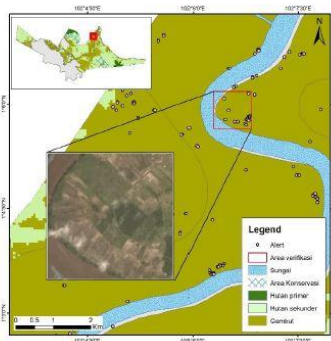
## VERIFIKASI LANDSCAPE MONITORING



Mei 2019 | Siak | Riau

Verifikasi untuk periode I (April 2019)

### PETA AREA PRIORITAS 1



### INFORMASI

Jumlah peringatan: 19

Indikasi pembukaan lahan: 1.7 ha

Perhatian:  Area konservasi  Gambut  
 Hutan primer  Hutan sekunder

### Lokasi

- Desa Harapan, Kecamatan Sungai Apit
- Long: 102.109451, Lat: 1.098495
  - Berbatasan dengan desa: Parit I, Bandar Sungai
  - Kota terdekat: Pekanbaru
  - Konsesi terdekat: PT. Trisetnya Usaha Mandiri

### Jarak menuju

Jalan: 0.03 km  
Konsesi: 3 km

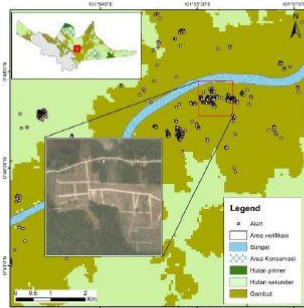
Pendorong kehilangan tutupan pohon (indikasi):  
Pertanian lahan kering

### HASIL VERIFIKASI



Menurut pengamatan di lapangan, pembukaan lahan dilakukan kurang lebih 1 bulan yang lalu dan terlihat habis terbakar, diduga akan dijadikan lahan perkebunan. Vegetasi disekitar lokasi teridentifikasi ada kelapa sawit dan padi ladang juga merupakan tanah mineral.

### PETA AREA PRIORITAS 8



### INFORMASI

Jumlah peringatan: 91

Indikasi pembukaan lahan: 8 ha

Perhatian:  Area konservasi  Gambut  
 Hutan primer  Hutan sekunder

### Lokasi

- Desa Teluk Merempan, Kecamatan Mempura
- Long: 101.929815, Lat: 0.793075
  - Berbatasan dengan desa: Merempan Hulu, Merempan Hilir
  - Kota terdekat: Pekanbaru
  - Konsesi terdekat: PT. Gelora Sawit Makmur

### Jarak menuju

Jalan: 0.3 km  
Konsesi: 1.3 km  
Mills: > 15 km

Pendorong kehilangan tutupan pohon (indikasi):  
Perkebunan

### HASIL VERIFIKASI



Berdasarkan hasil verifikasi lapangan, pembukaan lahan dilakukan kurang lebih 1 bulan yang lalu dan diduga akan dijadikan lahan perkebunan. Masih terlihat tutupan hutan yang cukup lebat mengelilingi area pembukaan lahan. Menurut informan yang ditemui di lapangan, lahan ini dimiliki oleh perseorangan dan akan dijadikan kebun sawit. Disekitar lokasi inipun didapati kebun kelapa sawit milik masyarakat.

An aerial photograph showing a large fire burning in a forested area. The fire is concentrated in the center-right, with thick white and grey smoke rising into the sky. The surrounding landscape is a patchwork of green and brown fields, separated by thin white lines representing roads or boundaries. The overall scene is dramatic and somber.

**THANK YOU**