

Internal Hotspot Monitoring Weekly Report for 2021

NOV2021_WK01

01 November– 07 November 2021 | Malaysia &
Indonesia



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2018 P&C - Related Criteria

There is **no use of fire for pest control** unless in exceptional circumstances

7.1.3

Criteria 7.1

The unit of certification **does not use open fire for waste disposal.**

7.3.3

Criteria 7.3

The unit of certification **establishes fire prevention and control measures** for the areas directly managed by the unit of certification

7.11.2

Criteria 7.11



Weekly Analysis

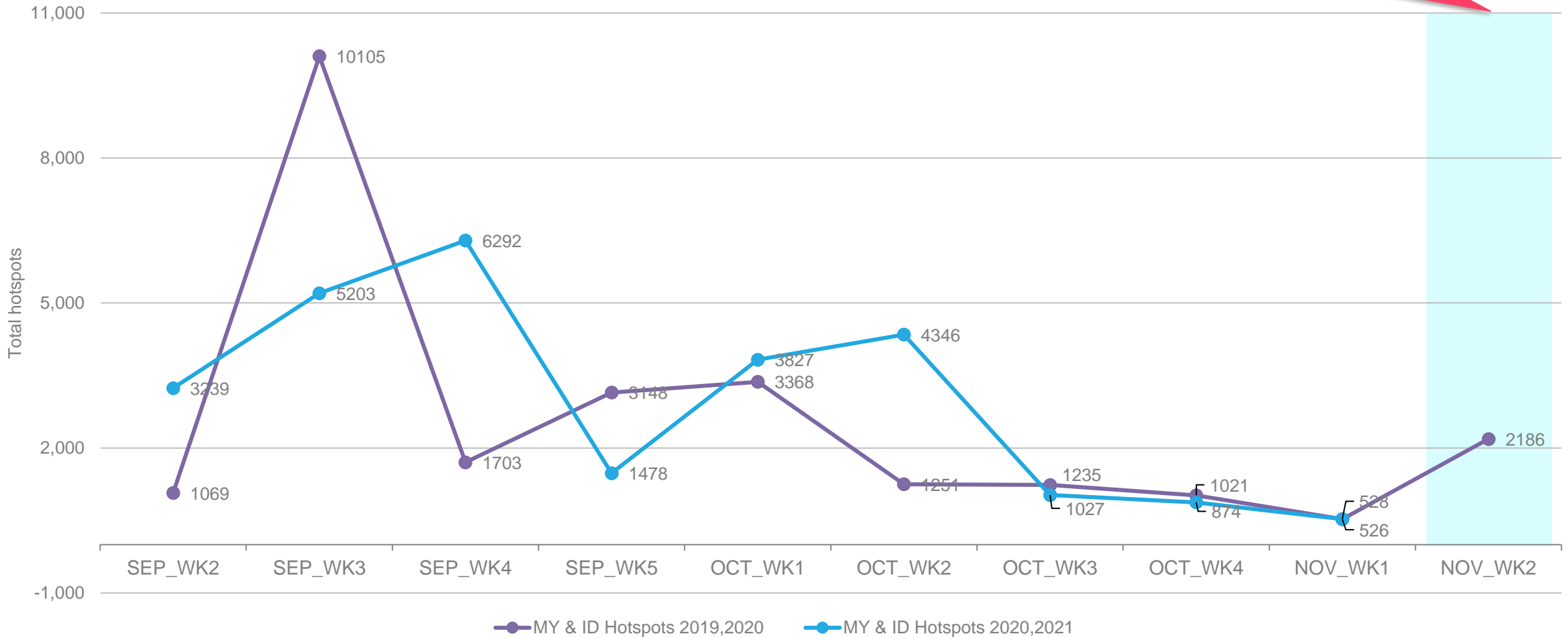
Comparison to 2020 trend
Comparison to previous 10 weeks

01 November – 07 November 2021

Comparison to 2020: All hotspots



The number of hotspots for next week (November 2021: 2nd week) is predicted to be **higher** in the region as compared to 2020 hotspot trend

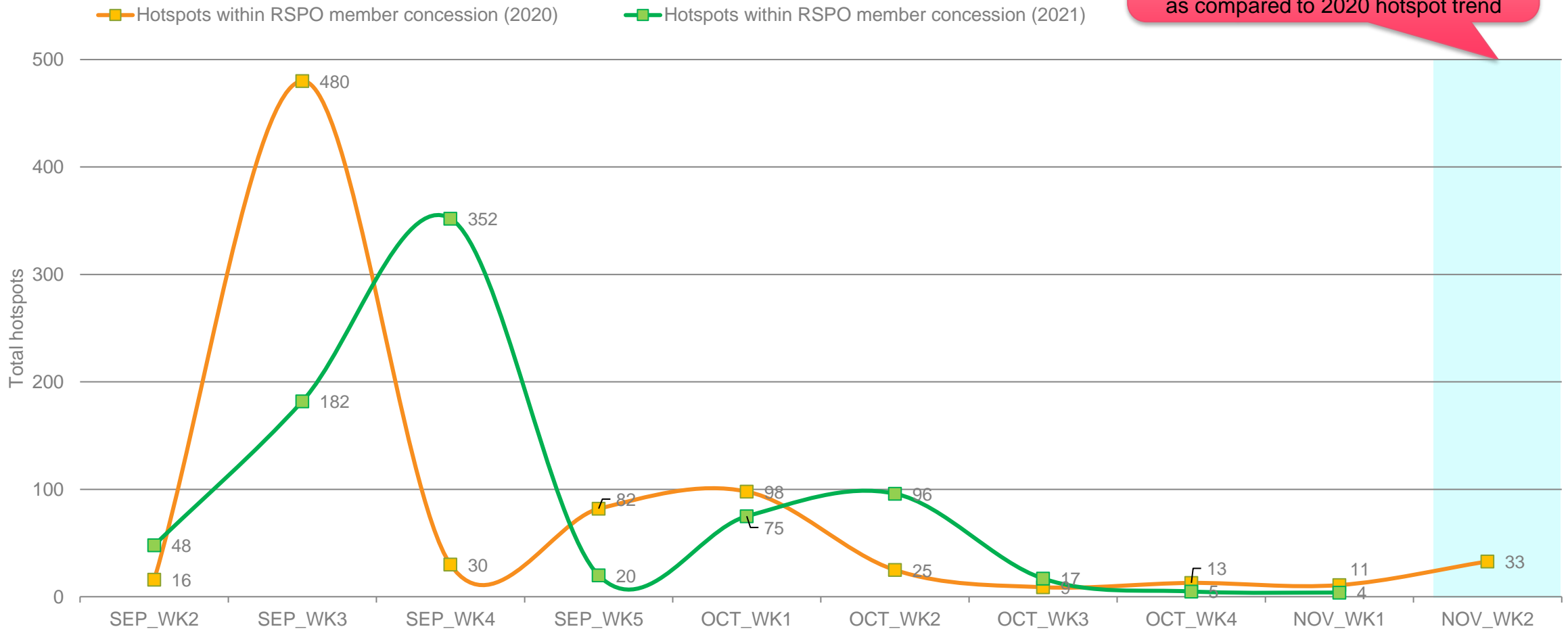


01 November – 07 November 2021

Comparison to 2020: Hotspot within RSPO Member Concession



The number of hotspots within RSPO member is predicted to be **higher** for next week (November 2021: 2nd week) as compared to 2020 hotspot trend

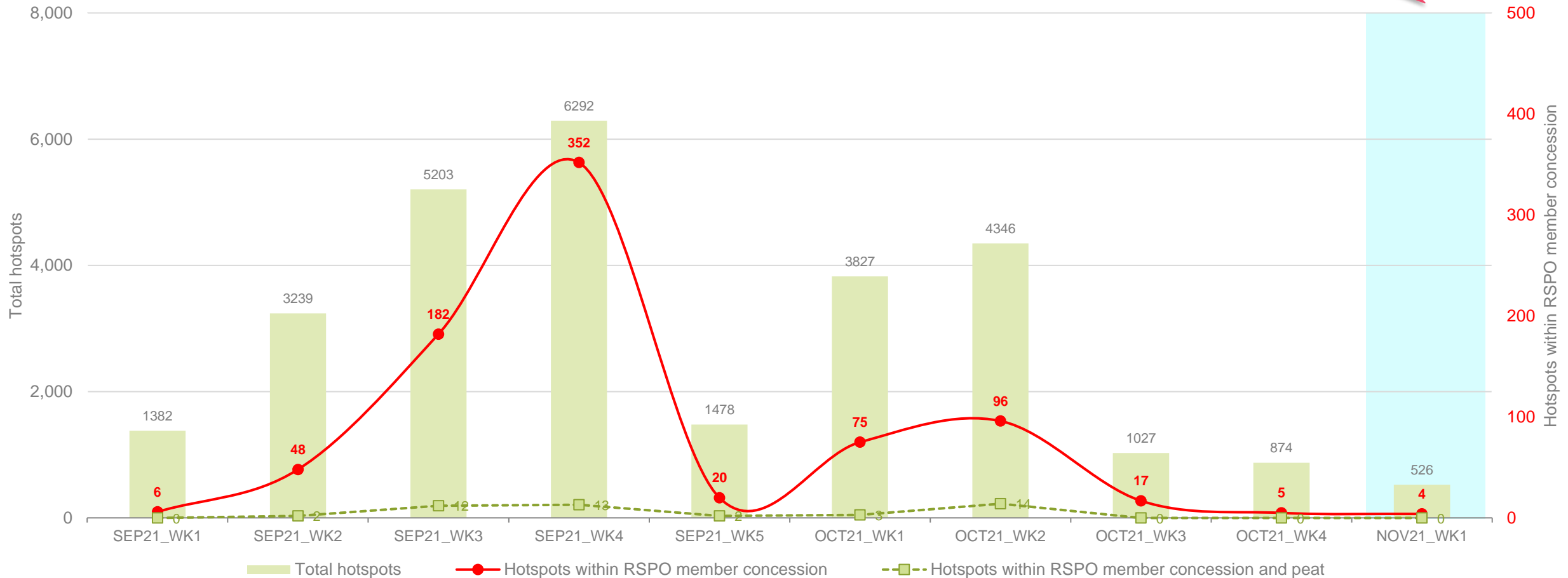


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Weekly trend from last 10 weeks



Lower in hotspot count than previous week



01 November – 07 November 2021



Weekly Hotspot Map



Malaysia & Indonesia
(Sumatera & Kalimantan) Region

01 November – 07 November 2021

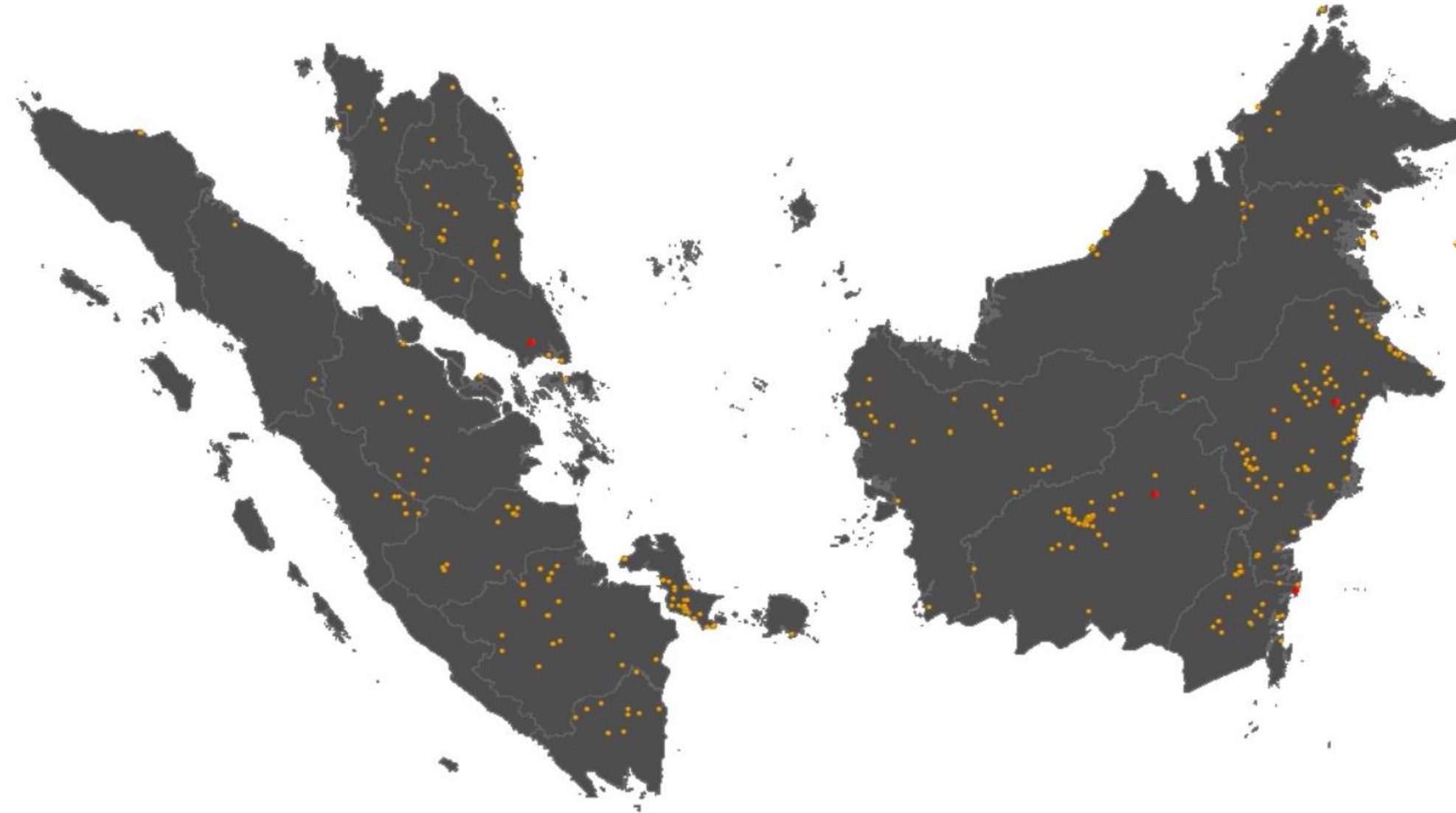


Hotspot Tabulation Map

Legend:

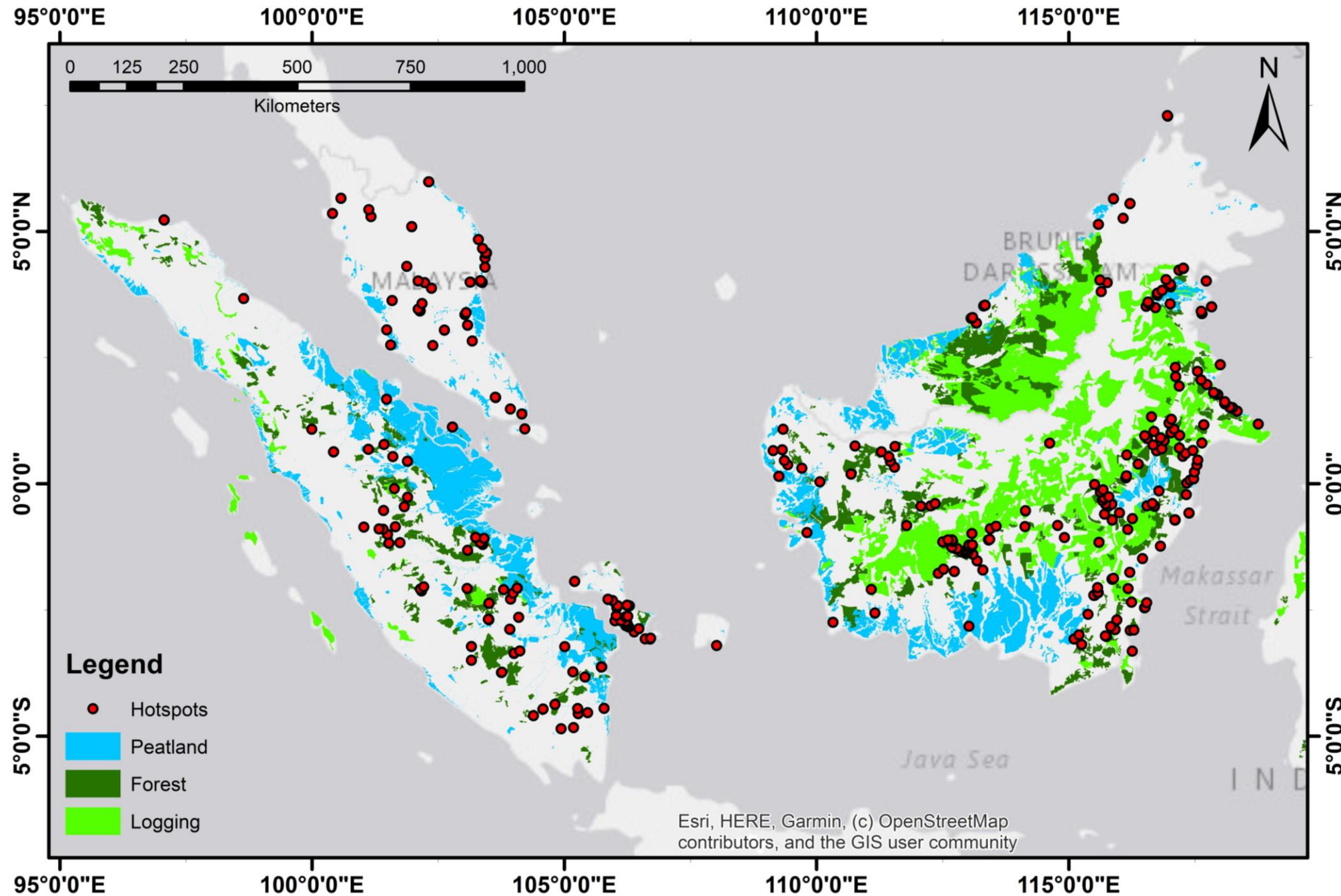
	Hotspot within RSPO member concession
	Hotspot detected by satellite sensor

01 November – 07 November
2021





Hotspot Distribution by Peatland & Landuse Map

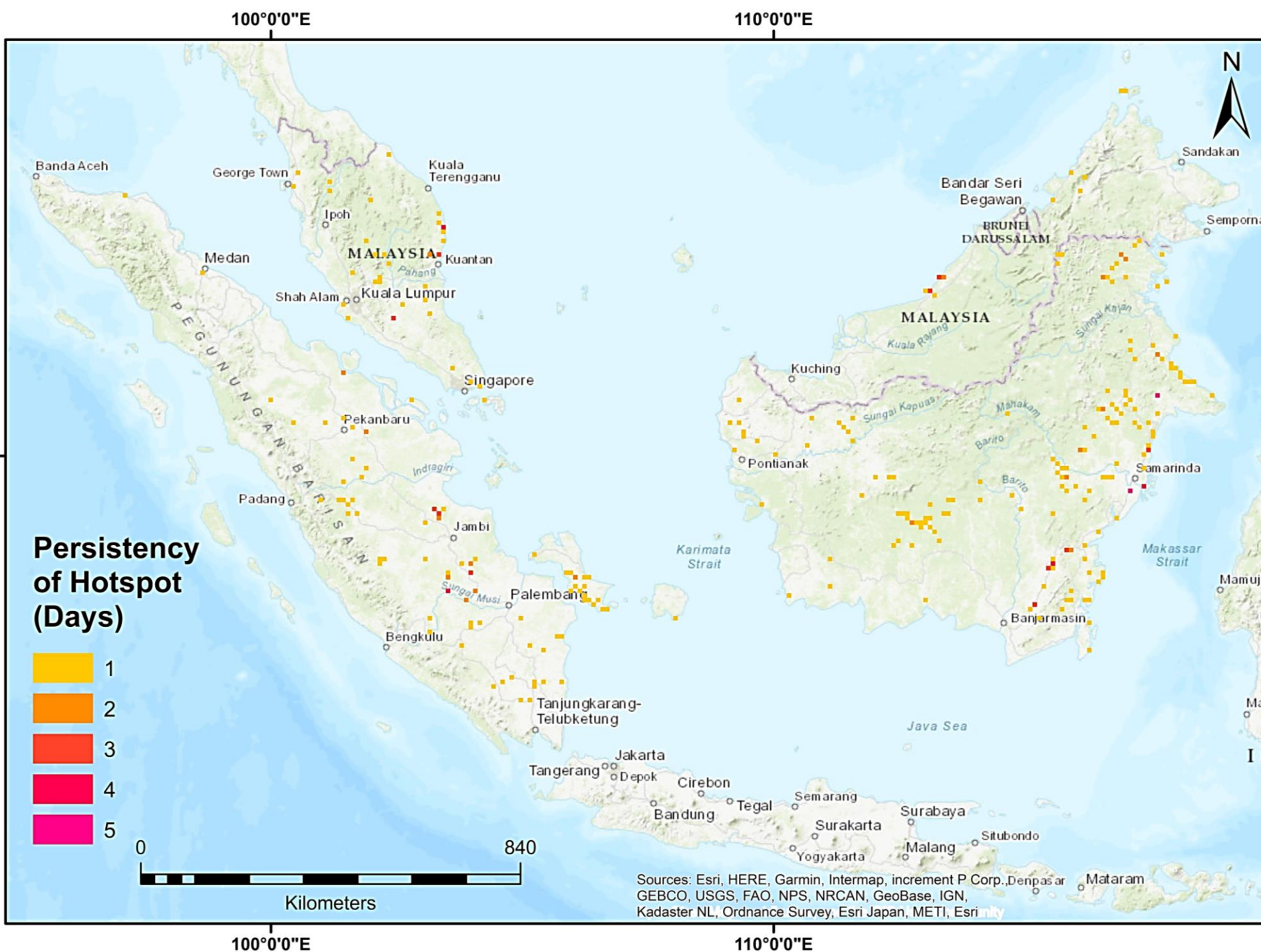


DATA	SOURCE
Peatland	Kesatuan Hidrologis Gambut
Non RSPO Oil Palm boundary	WRI & Greenpeace (https://data.globalforestwatch.org)
Timber Concession boundary	WRI (https://data.globalforestwatch.org)

01 November – 07 November 2021



Hotspot Persistency Map



Each grid represents the number of days hotspots were detected within the 10km X 10km grid between 01 November – 07 November 2021

01 November – 07 November 2021

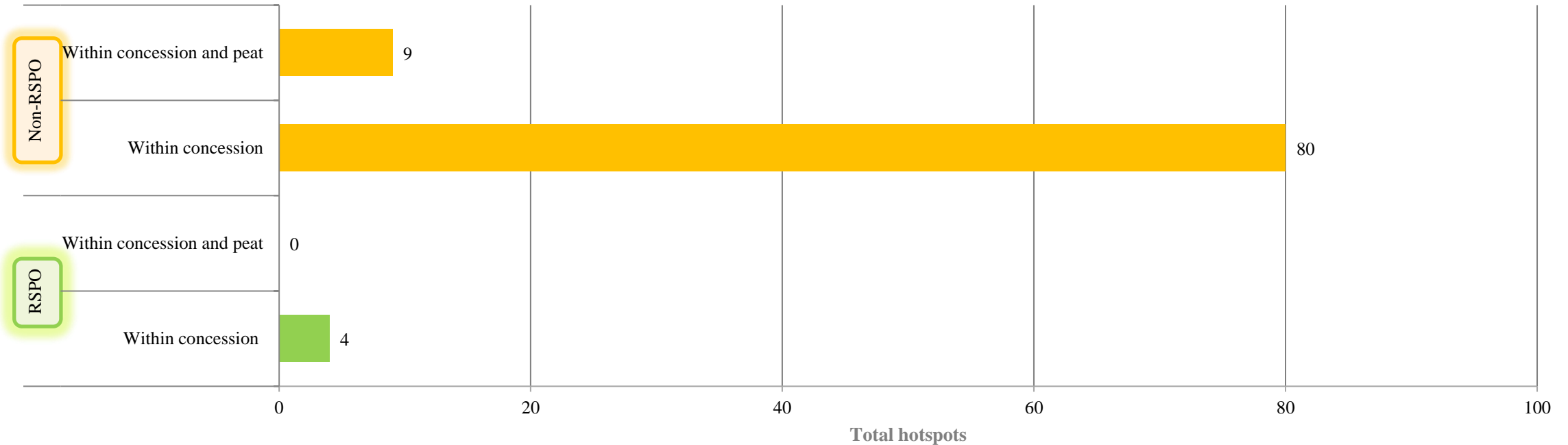


NOV2021_WK01 Hotspot

**Malaysia & Indonesia
(Sumatera & Kalimantan) Region**

01 November – 07 November 2021

RSPO vs non-RSPO comparison



* Non RSPO Oil Palm Concession location data was derived from data downloaded from the Greenpeace website (<http://www.greenpeace.org/seasia/id/Global/seasia/Indonesia/Code/Forest-Map/en/data.html>).

The website states that these data was "compiled by Greenpeace (2015) based on agriculture plantations maps, provided by the Planning Department of the Ministry of Forestry, Indonesia, downloaded on July 29 2010 (appgis.dephut.go.id/appgis/kml.aspx), supplemented and updated by Greenpeace in several provinces with data gathered from provincial agencies (BPN/BAPPEDA) and corporate submissions, such as to the Roundtable on Sustainable Oil Palm (RSPO)."

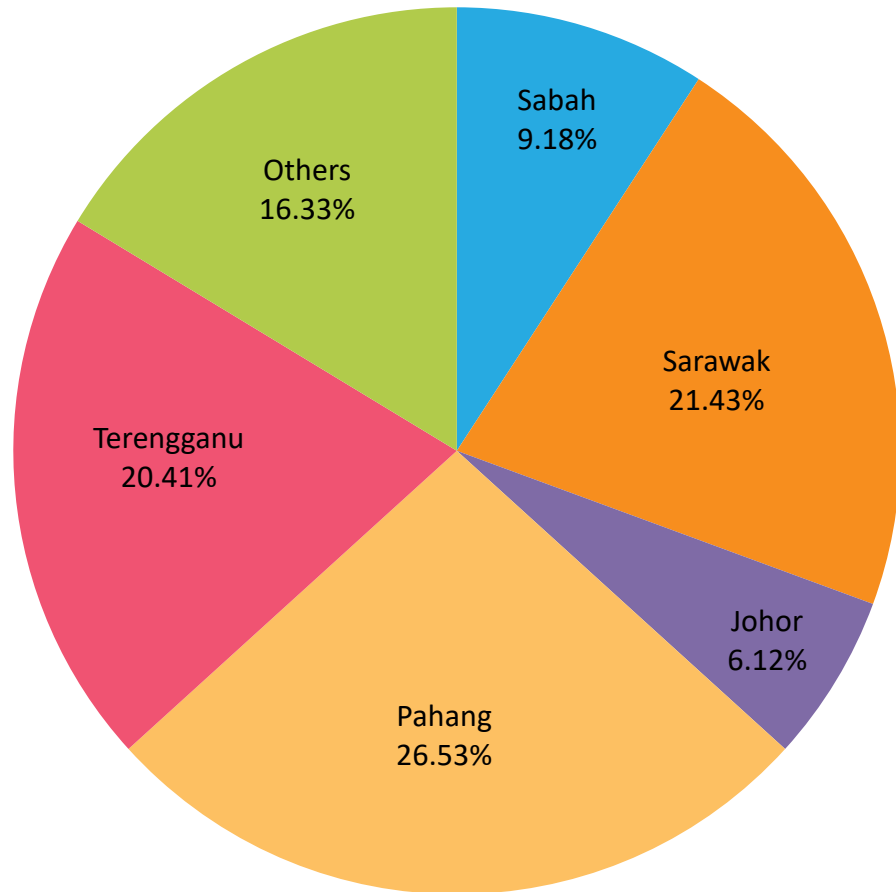
As such the data probably overstates the extent of oil palm plantations in some cases, as there are many licenses granted and the oil palm plantation has not been developed. In other cases, it may understate the extent of plantations as it does not take into account smallholders. Nevertheless, this appears to be the best data available of ALL oil palm in Indonesia.

The RSPO concession boundary data was overlaid with this data in the GIS and RSPO concessions were "clipped" out of this data, leaving only "non-RSPO" concessions.

Non-RSPO*: ~19,000,000 ha

RSPO: ~ 2,300,000 ha

Distribution of Hotspots by State in Malaysia

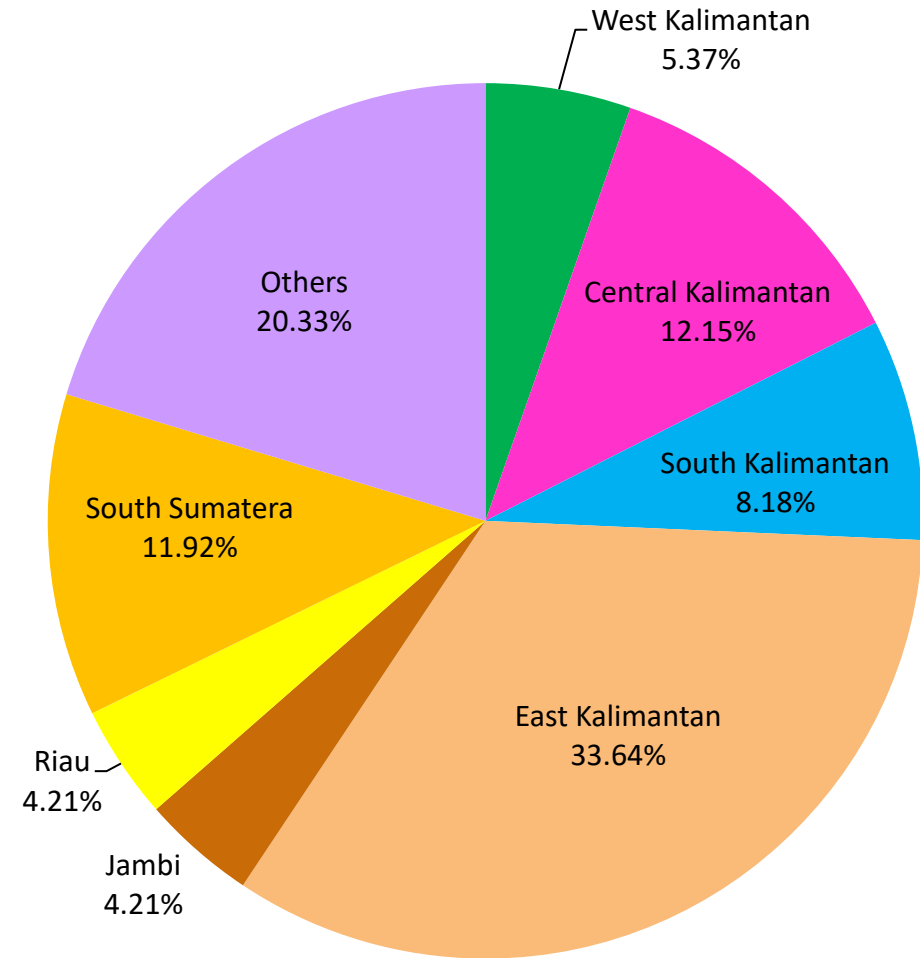


State	Total
Sabah	9
Sarawak	21
Johor	6
Pahang	26
Terengganu	20
Others	16
Total	98



Distribution of Hotspots by Region in Indonesia

Region	Total
West Kalimantan	23
Central Kalimantan	52
South Kalimantan	35
East Kalimantan	144
Jambi	18
Riau	18
South Sumatera	51
Others	87
Total	428



Hotspots in RSPO members



Group Name	Region/State	Country	No. of Hotspots
Genting Plantations Nusantara	Central Kalimantan	Indonesia	1
Sime Darby Plantation Berhad	Johor	Malaysia	1
Sime Darby Plantation Berhad	South Kalimantan	Indonesia	1
TSH Resources Berhad	East Kalimantan	Indonesia	1
		Total Hotspots	4



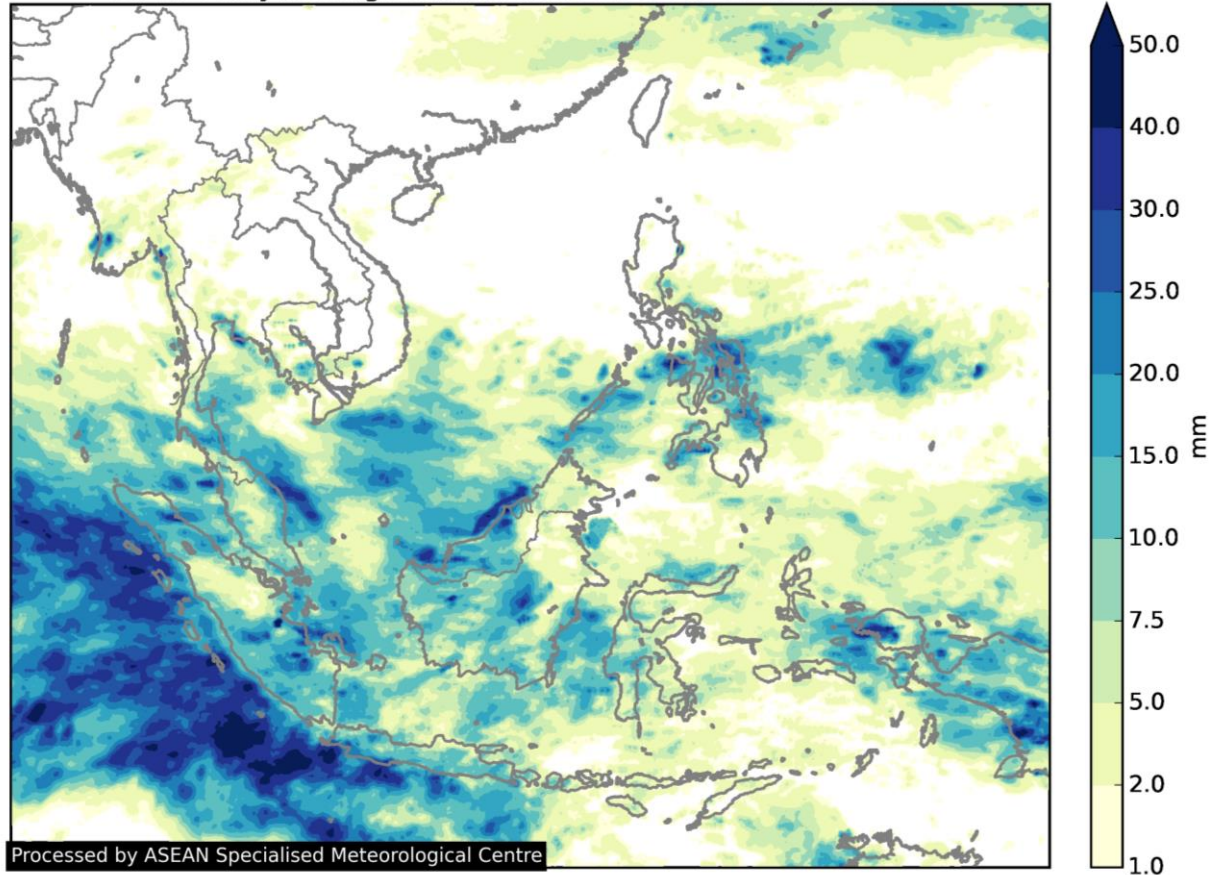
ASEAN Weather Outlook

Source: The ASEAN Specialised Meteorological Centre

01 November – 07 November 2021

Regional Weather & Haze Outlook

GsMaP Daily Average Rainfall from 2021-11-01 to 2021-11-07



Processed by ASEAN Specialised Meteorological Centre

Alert Level

- **LEVEL 0** Stay vigilant.
- **LEVEL 1** Dry season for the southern ASEAN region.
- **LEVEL 2** Exceeding 150 hotspots in 2 consecutive days in Northern ASEAN with dense smoke plumes; dry weather persisting; and prevailing winds blowing from the Mekong sub-region. Increasing risk of transboundary haze in the region.
- **LEVEL 3** Exceeding 250 hotspots in 2 consecutive days with dense smoke plumes; dry weather persisting; and prevailing winds blowing towards ASEAN countries.

La Niña condition chances may develop & above-normal rainfall is expected for most parts of the southern ASEAN region for the rest of the year which would help subdue the hotspot activities. Isolated hotspots and localised smoke plumes may however still occur during brief periods of dry weather.

Showers fell over most parts of the southern ASEAN region daily while cloudy conditions prevailed over the Mekong sub-region. The overall hotspot activity remained subdued under the rainy weather, except for a few hotspots detected in parts of Vietnam. Over the next few days, rainy conditions are likely to continue for most of the Maritime Continent and Vietnam, while drier conditions are expected over other parts of the Mekong sub-region and southern Sumatra. On a whole, the hotspot and smoke haze situation is expected to stay subdued.

Alert by RSPO



In the next two weeks the RSPO Secretariat would like to recommend the following:

To Growers:

- Provide a good management to encounter the raining season:
 - the highly risk of erosion may lead to landslide in the estate area
 - tendency of the road potholes which may require a cost for maintenance and repairing
- Heavy intensity of rainfall could result flood, which will decrease Fresh Fruit Bunch (FFB) yields.



01 November – 07 November 2021



Find out more at
www.rspo.org