

Key challenges discussed in FoMo working groups

- EO data sources
 - What is minimum resolution needed for auto-polygon detection in polygons?
 - What is minimum resolution (spatial, temporal, etc) for deforestation monitoring?
 - Guidance on EO sources based on regional risk, traceability approach (e.g. regional vs chain of custody) and ground-truthing
 - Protocol for recency of data
- Ground-truthing
 - How much ground-truthing is best practice based on regional risk and quality of remote sensing data?
 - Can “agile” approaches for ground truthing (e.g. self reported using EGNSS4ALL app), reduce costs?
 - What qualifications for auditors?

Key challenges discussed in FoMo working groups

- Governance, How to model/ensure:
 - Accuracy/validity of data
 - Ownership
 - Security and protection
 - Farmer access and benefit from their data
- Data model, structure, linkage to traceability
 - Exchanging polygon data; Asset registry as possible solution
 - Data types:
 - Calculated Metrics vs Raw Data
 - Parameters/keys
 - Data Model
 - How FoMo links to Traceability
 - File format (Exchange Structure)

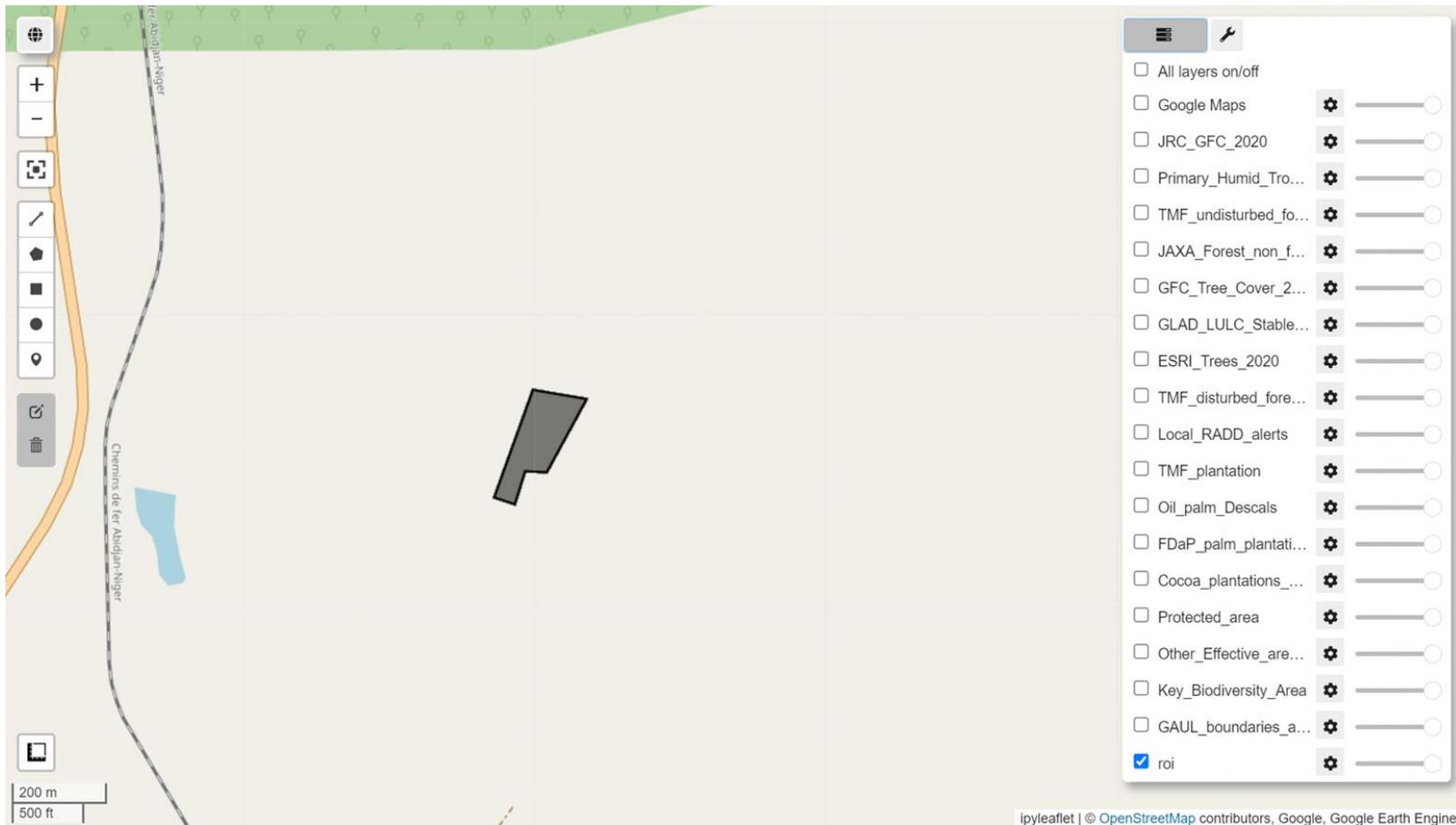
Next Steps for FoMo

- All 4 Sub-groups will resume meeting in January
 - dates TBD
 - full DIASCA community will be invited
- Expect to complete Semantics, Syntax and Structure recommendations end of Q1

Updates from regulations

- EUDR Forest Observatory launched on 7 December: <https://forest-observatory.ec.europa.eu/>
 - >> Forest 2020 Layer: <https://forobs.jrc.ec.europa.eu/GFC/explorer>
- [TEI on deforestation-free value chains](#) launched @COP28
 - >> initial financial package EUR 70 million led by EU and Member States (TEI zero-def HUB + SAFE program)
- Pilot Testing phase of the Information system will take place between 18 December and 31 January 2024.
- [More info on UK legislation](#) released at COP28

Convergence of Proof



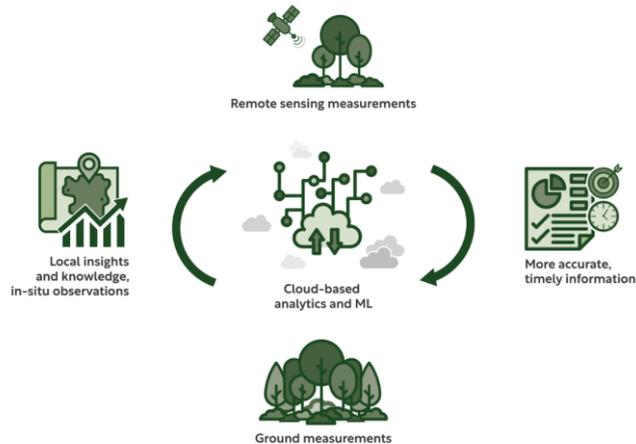
The image shows a web mapping application interface. On the left, there is a vertical toolbar with icons for home, zoom in (+), zoom out (-), full screen, pan, and other map controls. Below the toolbar is a scale bar showing 200 meters and 500 feet. The map area displays a satellite-style background with several overlaid layers: a green area at the top, a blue water body, and a grey polygon. On the right side, there is a layer control panel with a list of layers and their visibility settings. The 'roi' layer is checked and highlighted in blue.

Layer Name	Visibility	Opacity
<input type="checkbox"/> All layers on/off		
<input type="checkbox"/> Google Maps	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> JRC_GFC_2020	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Primary_Humid_Tro...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> TMF_undisturbed_fo...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> JAXA_Forest_non_f...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> GFC_Tree_Cover_2...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> GLAD_LULC_Stable...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> ESRI_Trees_2020	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> TMF_disturbed_fore...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Local_RADD_alerts	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> TMF_plantation	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Oil_palm_Descals	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> FDaP_palm_plantati...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Cocoa_plantations_...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Protected_area	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Other_Effective_are...	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> Key_Biodiversity_Area	<input type="checkbox"/>	<input type="range"/>
<input type="checkbox"/> GAUL_boundaries_a...	<input type="checkbox"/>	<input type="range"/>
<input checked="" type="checkbox"/> roi	<input checked="" type="checkbox"/>	<input type="range"/>

Two main buckets of data challenges

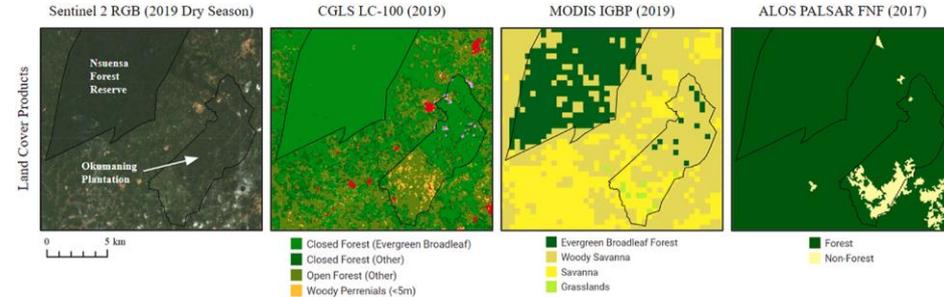
Locations and Traceability

- Data Interoperability and standardization
- Data sharing
- Geolocation data gap

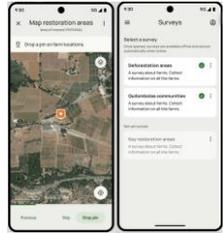


Forest Monitoring

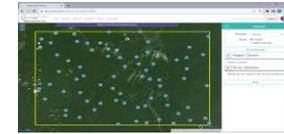
- Definitions
- Land Cover/Land Use Mapping (Extent and Change)



Joint FDAP AgStack proposal to SAFE



GEOID	TMF	GFC	GAEZ	PA	Alert	LCU
'c288d6c94ef	10	30	1	yes	1000	Trees
'1a41a309ae2	9	30	1	no	200	Trees
'1a4472dc407	10	10	2	no	200	Agriculture
'8e2acce7dd	1	70	4	no	100	Bare



Boundaries

- From the field
- Next-Gen UI



Unique Geo-IDs

- GDSP compliant
- Anonymous
- Attribute-less



Public geodata

- Land cover
- Biophysical
- Legal



Public library

- AI models
- GUI
- Validation



Compliance support

- Standardized data
- Verification App.





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Im Auftrag des:



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