



Sustainability Certification of Independent Smallholders

Smallholder Tools and Challenges

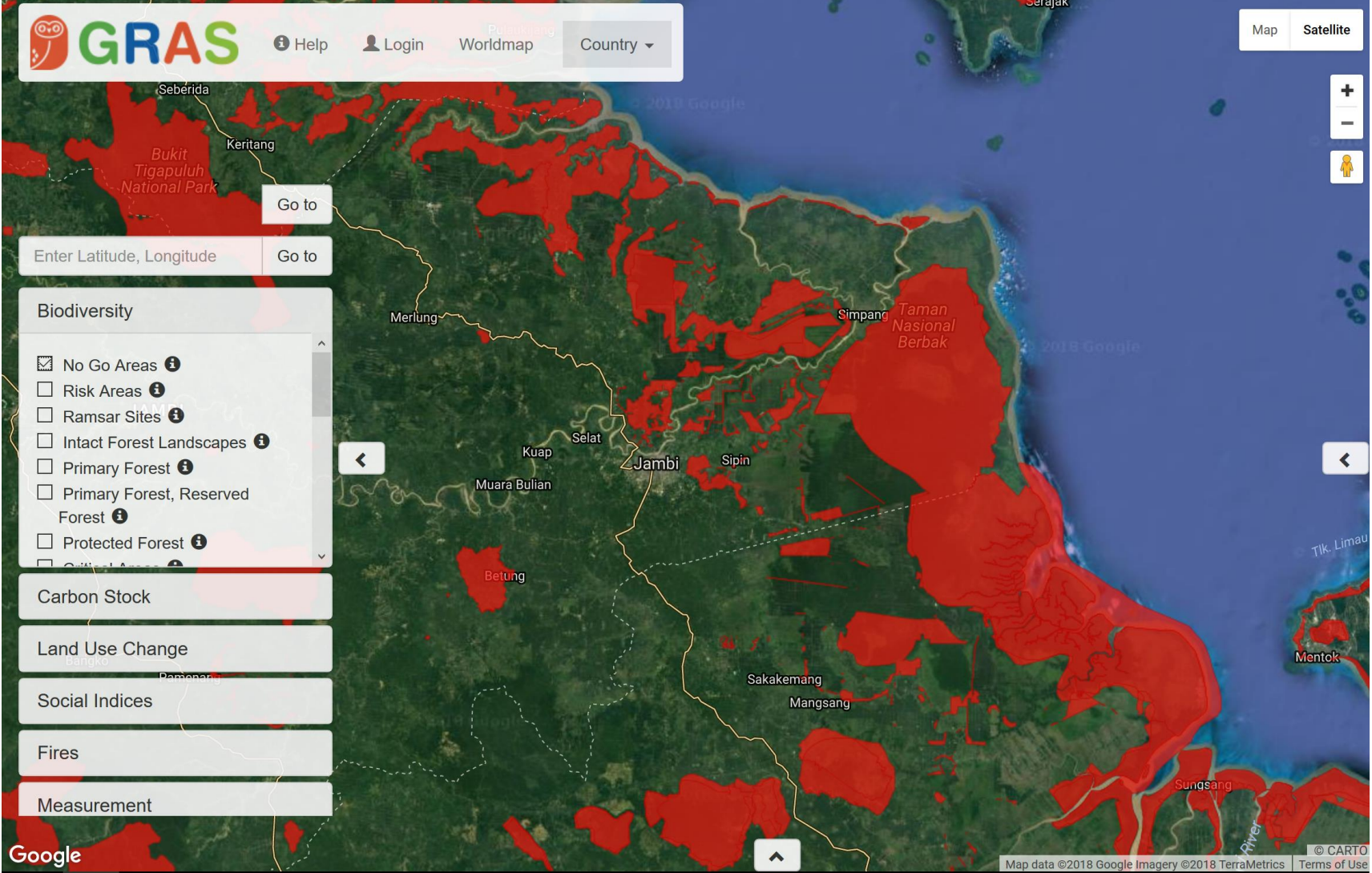
Andreas Feige, ISCC System GmbH



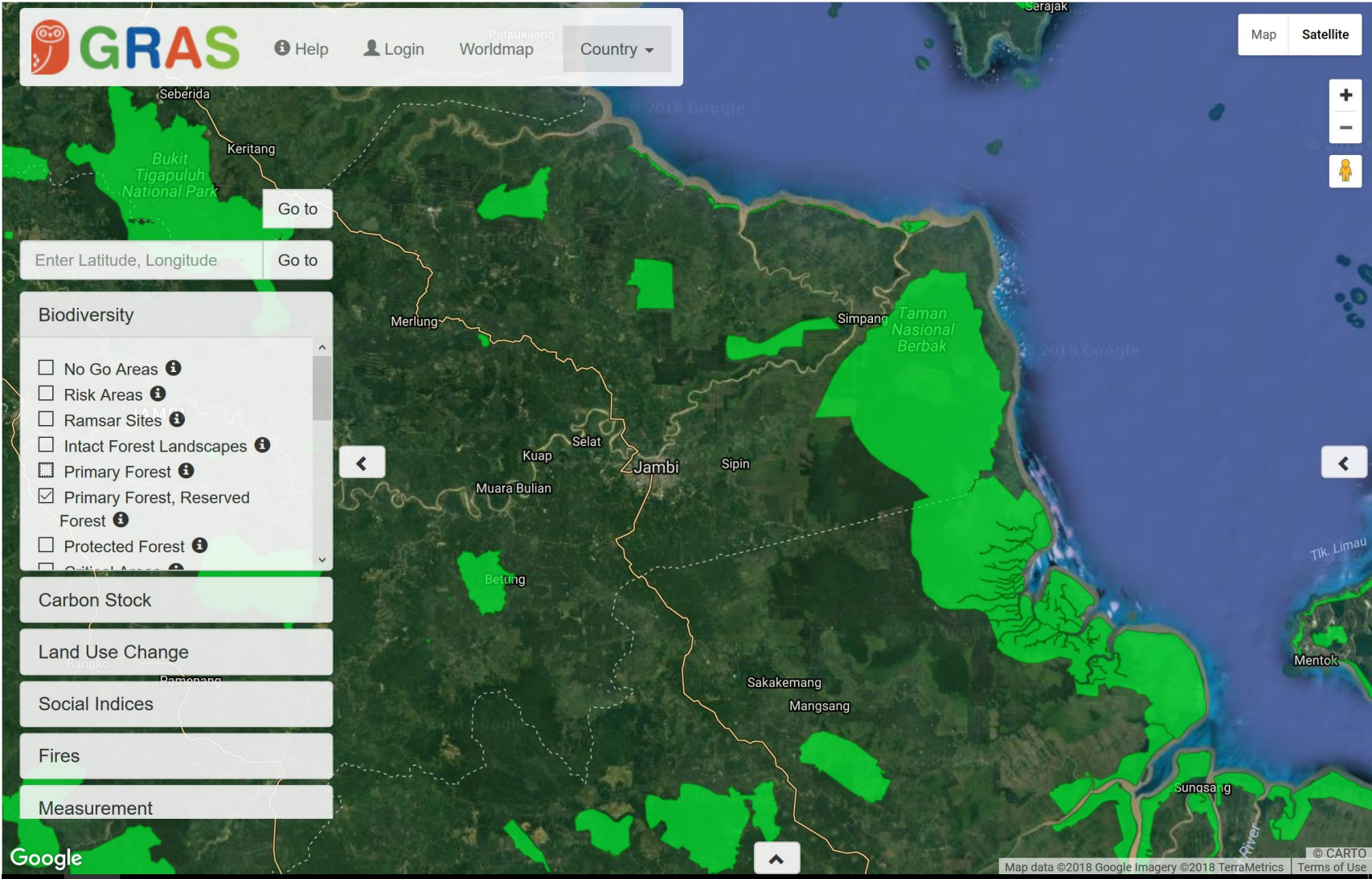
Challenge 1: Receive sustainability information about your region – look into the GRAS Tool without costs <http://gst-prod.gras-system.org/webui/index.html#/country/Indonesiagrassystem.org>



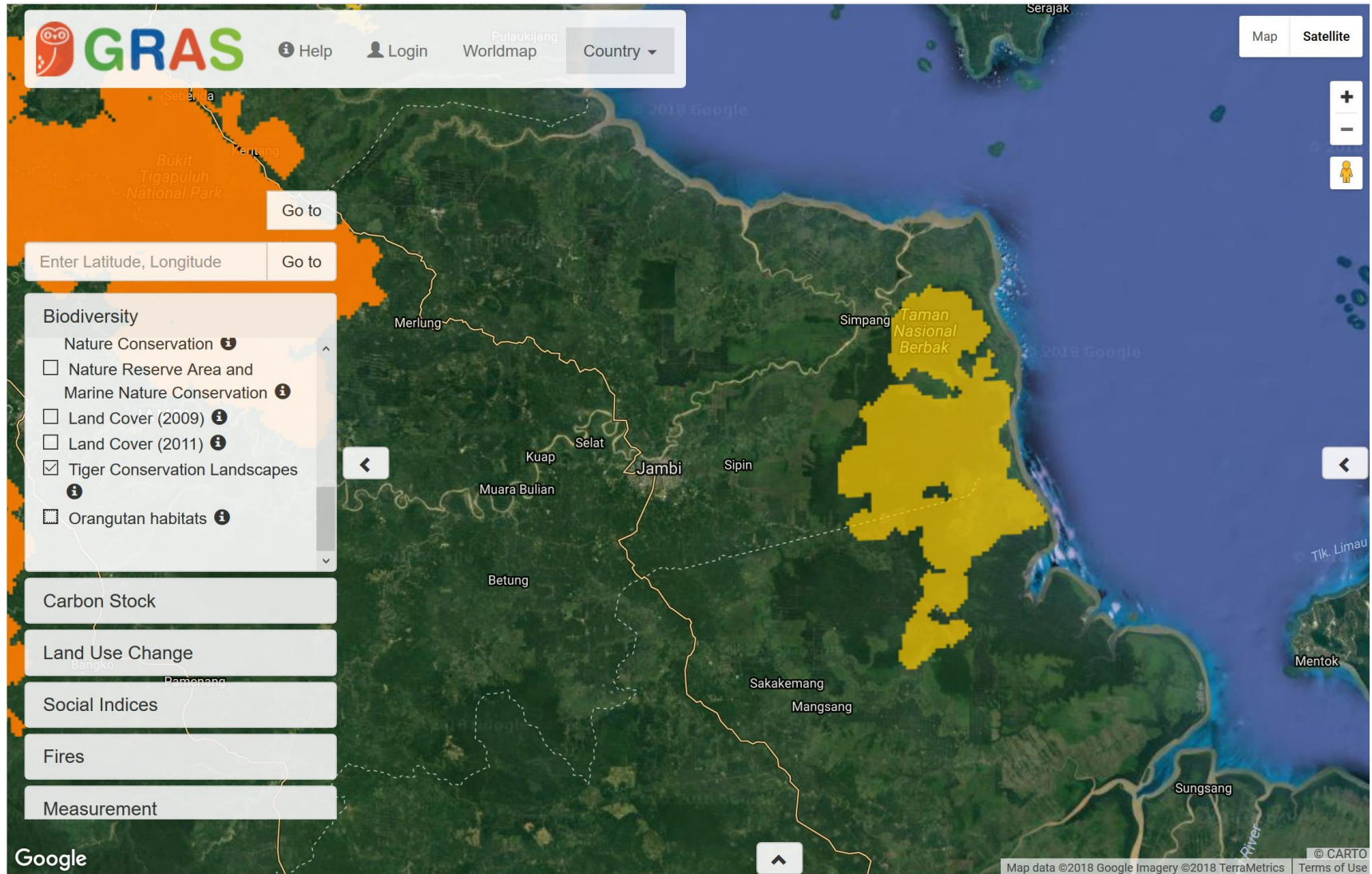
GRAS Tool example: Biodiversity – No Go Areas



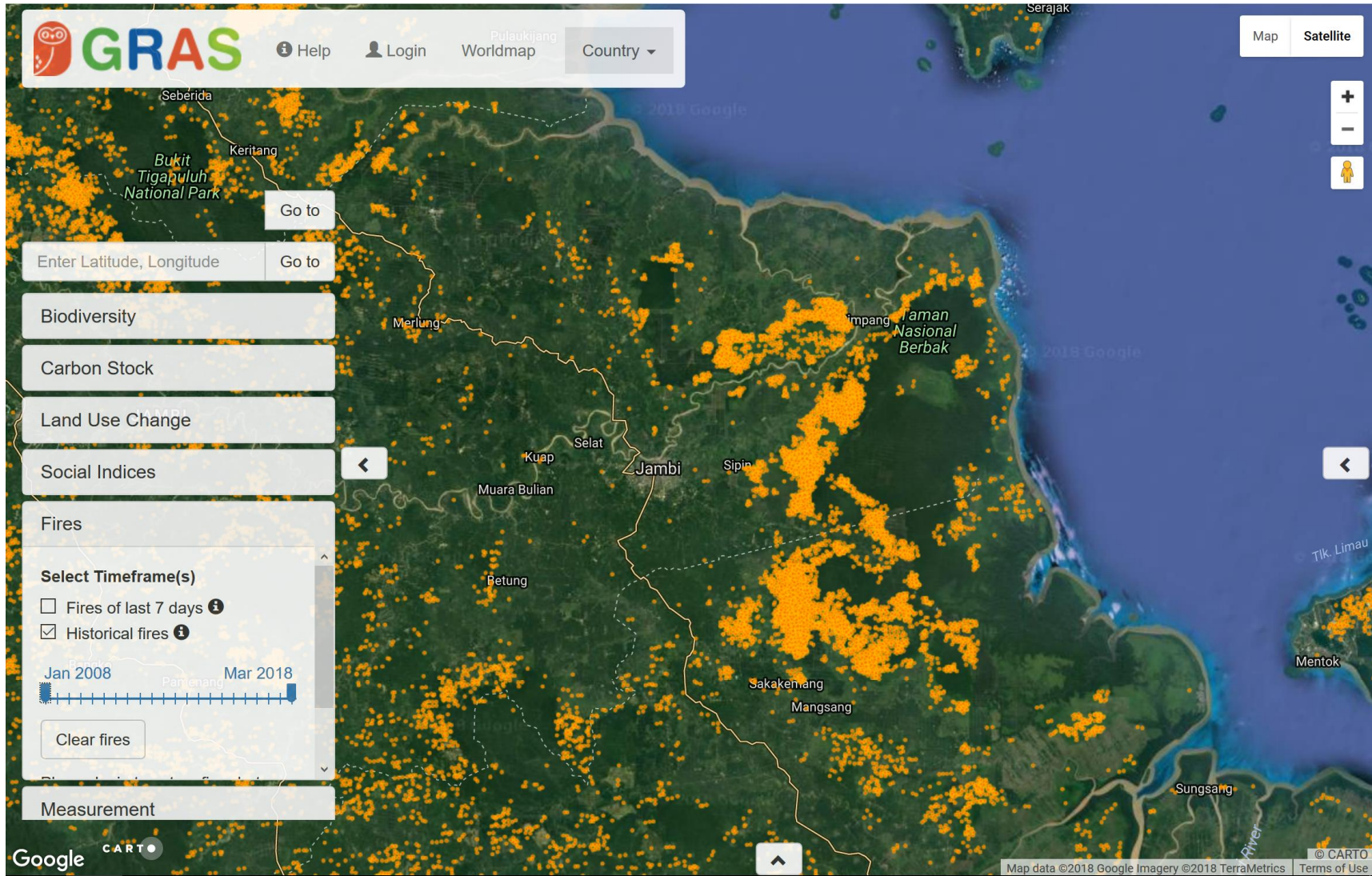
GRAS Tool example: Biodiversity – Primary Forest, Reserved Forest



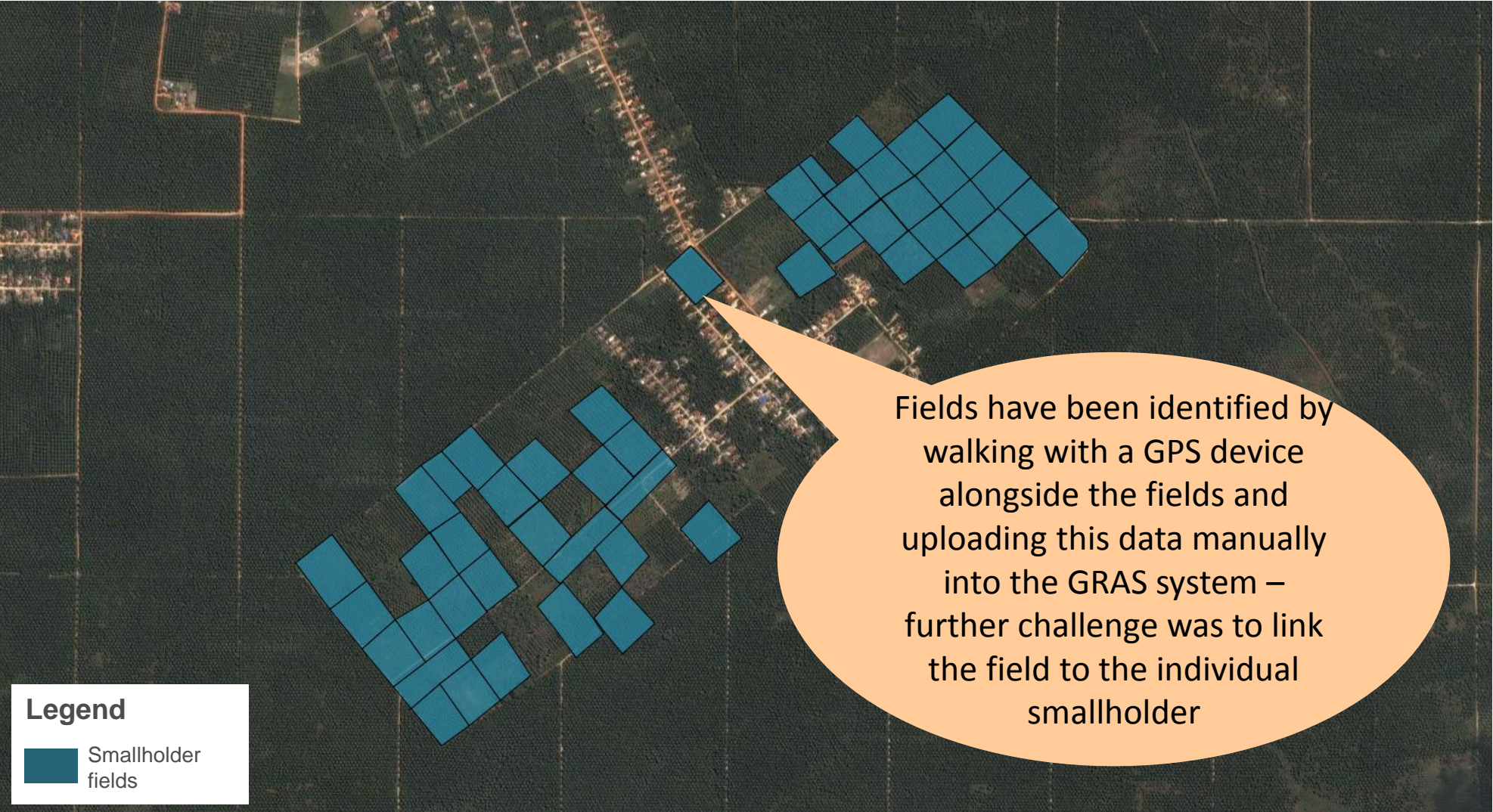
GRAS Tool example: Biodiversity – Tiger Conservation Landscapes



GRAS Tool example: Fires since 2008



Challenge 2: Identify the exact location of smallholder fields – here ISH from Sido Mukti as already certified under ISCC

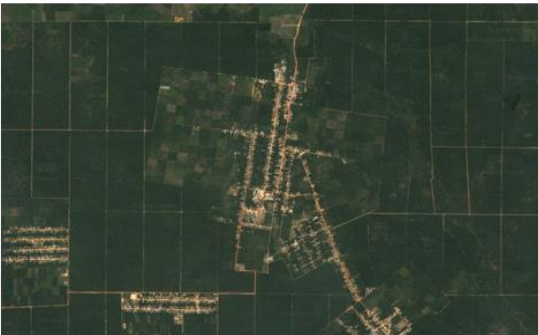


The solution was a mobile App which allows easy data collection in the field with automated upload into the GRAS system

Origin of FFBs is often unknown



Where is the ISH field located?



Field polygon collection by using of the Smallholder App



Collect polygons



Correct polygons

Challenge 3: Is the ISH field located in a No Go Area – The GRAS ISH Data Management System checks this automatically

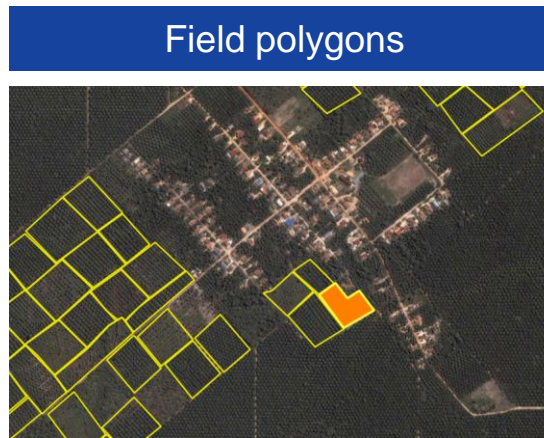
Smallholder Management System

The ISH Data Management System allows to automatically verify ISCC Principle 1

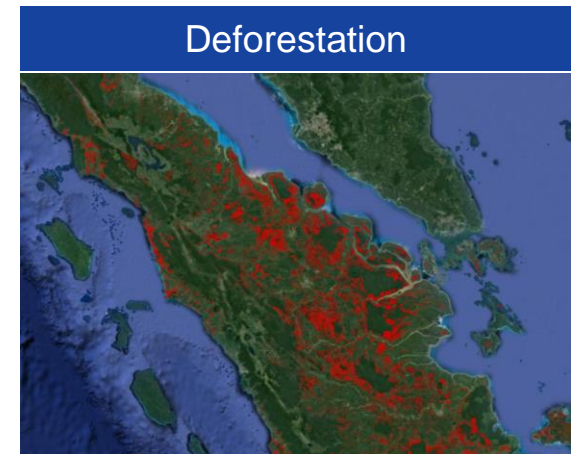
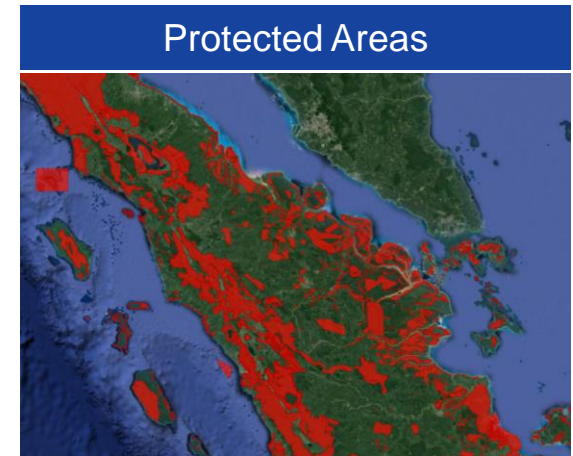
- Identification of protected areas
 - Peatlands
 - National Parks
 - Biosphere Reserves
 - Intact Forest Landscapes
 - Ramsar Sites
 - and others
- Identification of deforestation

Benefits

- No GIS and remote sensing knowledge required
- Fast and credible sustainability assessments



Check overlaps with protected areas and deforestation



...provides relevant information for each smallholder and ...

- Click on the field to get the respective field information
- Click on “View report” to access detailed smallholder report

Field information

Certificate: SHM
Field name: a. sardi_1817
Area size: 1.03
Number of trees:

Smallholder information

Id: 18536
Covered under ISCC certification: No
Certification scheme: ISCC EU

Smallholders

PPC-CO-01
18536 - A. Sardi
View report

General Information

Name: [Redacted]
Street: [Redacted]
City: 38668 Sido Mukti
Country: Indonesia

Certification Information

Compliant with ISCC Principle 1: Yes
Covered under ISCC certification: No
Certification scheme: ISCC EU

Regional Data

Measurement

Click on the highlighted field to access field information

Click on the field to get the respective field information

View detailed information

... which can be summarized in a report and printed

- Scroll through the smallholder report to access all relevant information
- Print out the report or save the report as PDF

Print or save report

General Information	
ID:	18536
Name:	[REDACTED]
Street:	[REDACTED]
Postal code:	
City:	36668 Sido Mukti
Country:	Indonesia

Sustainability Assessment	
Land Use Change:	No
Overlap with No Go Areas:	No
Overlap with Pest Lands:	No

Certification Information	
Compliant with ISCC Principle 1:	Yes
Covered under ISCC certification:	No
Certification scheme:	ISCC EU

Field Information	
Number of fields:	1
Field area total:	1.03
Yield of FFB/year/ ha:	13
Number of trees:	
Month and year planted last per field:	

Fields	
a. sardi_1817	
Field area:	1.03
Land right certificate:	SHM
Applied pesticides:	Yes
Applied herbicides:	Yes - supertox, supermol
Applied fertilizers:	Yes - Magnesium Boron, Nitrogen, Phosporus, Kalium

Smallholder attachment

Smallholder Id

PROVINSI JAMBI
KABUPATEN MUARO JAMBI

NIK : [REDACTED]
Nama : [REDACTED]
Tempat/Tgl Lahir : [REDACTED]
Jenis Kelamin : LAK-LAK Gol. Darah : -
Alamat : SIDO MUKTI

RT/RW : 010/002
Desa/Kel : SIDO MUKTI
Kecamatan : SUNGAI GELAM
Agama : ISLAM Status Kawin : KAWIN

Pekerjaan : PETANI/PEKEBUN
Berlaku Hingga : SEUMUR HIDUP
Kewarganegaraan : WNI

MUARO JAMBI, 28-03-2012
KEPALA DINAS KEPENDUDUKAN
DAN CAPIL KABUPATEN MUARO
JAMBI

Dns ZAKARIA, M.Si
NIP. 196708311989101001

Tanda Tangan/Sidik Jari Pemegang KTP

Umur : 60 7 H
Agama : Islam

Smallholder App for collecting data and field polygons. Automatic GRAS verification of the compliance against ISCC Principle 1

Please click [here](#) to see the video



SMALLHOLDER APP & VISUALIZATION TOOL



Thank you!

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