GET VISION

Powered by Microsoft

# User Manual

# Get Vision process summary

**Objects**

Add your assets together with basic parameters as:

- Location
- Installed power
- PV panel power
- PV panel size
- Area, etc.

**Rules (optional)**

Configure your own rules for classification of damages priorities or use our default rules

**New AI inspection**

Enter drone flight and weather details, upload drone images for AI analysis

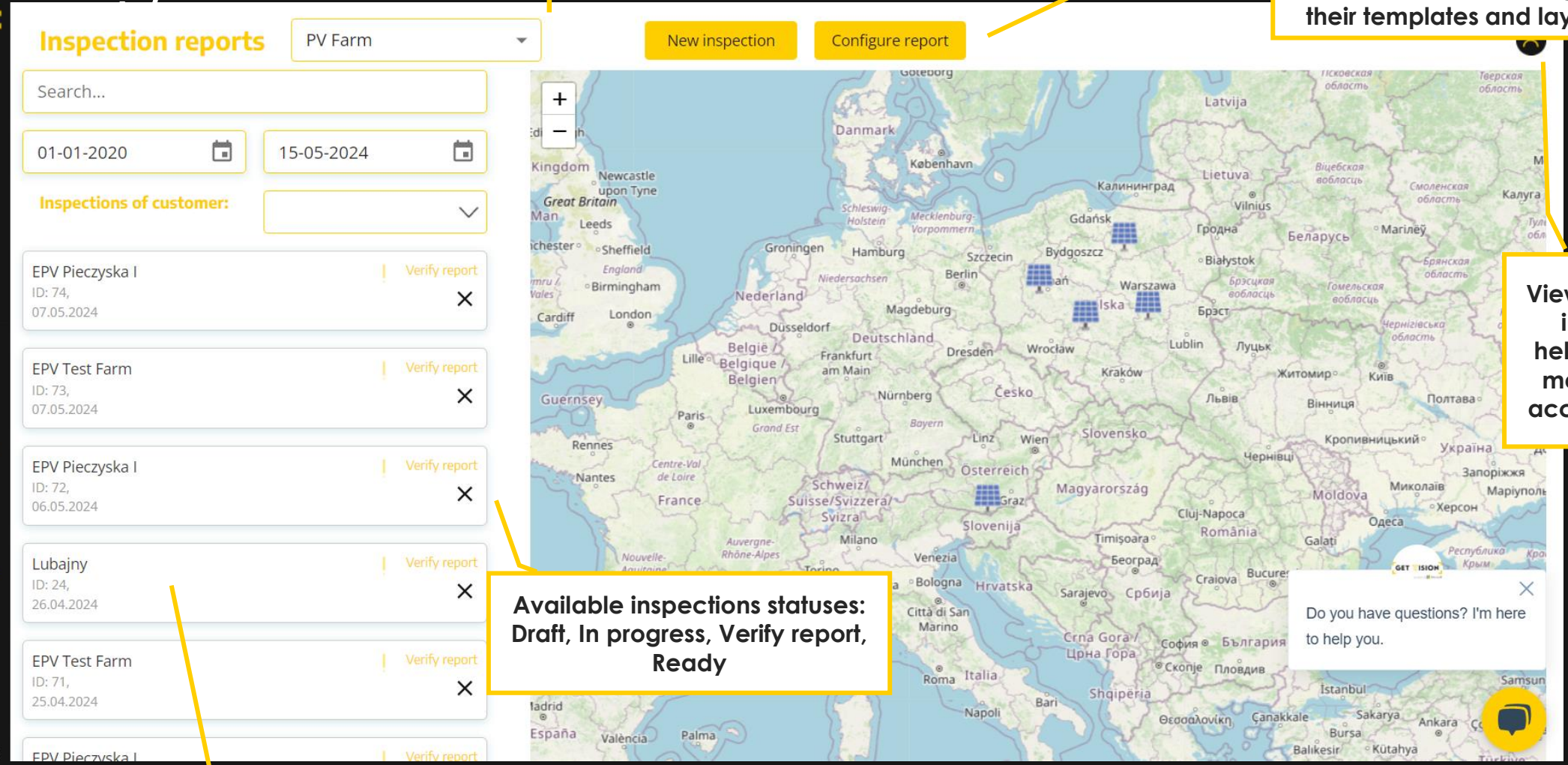
**Verify inspection**

Check inspection results on interactive orthomosaic, add additional damages detected by Your own and summary


**Generate complete PDF report incl.:**

- Asset details
- Inspection details
- Charts
- Power and tariff loss
- Situational map
- Orthomosaic
- Details of each damage

# Manage assets inspections




Create new asset inspection, generate reports from inspections and configure their templates and layouts

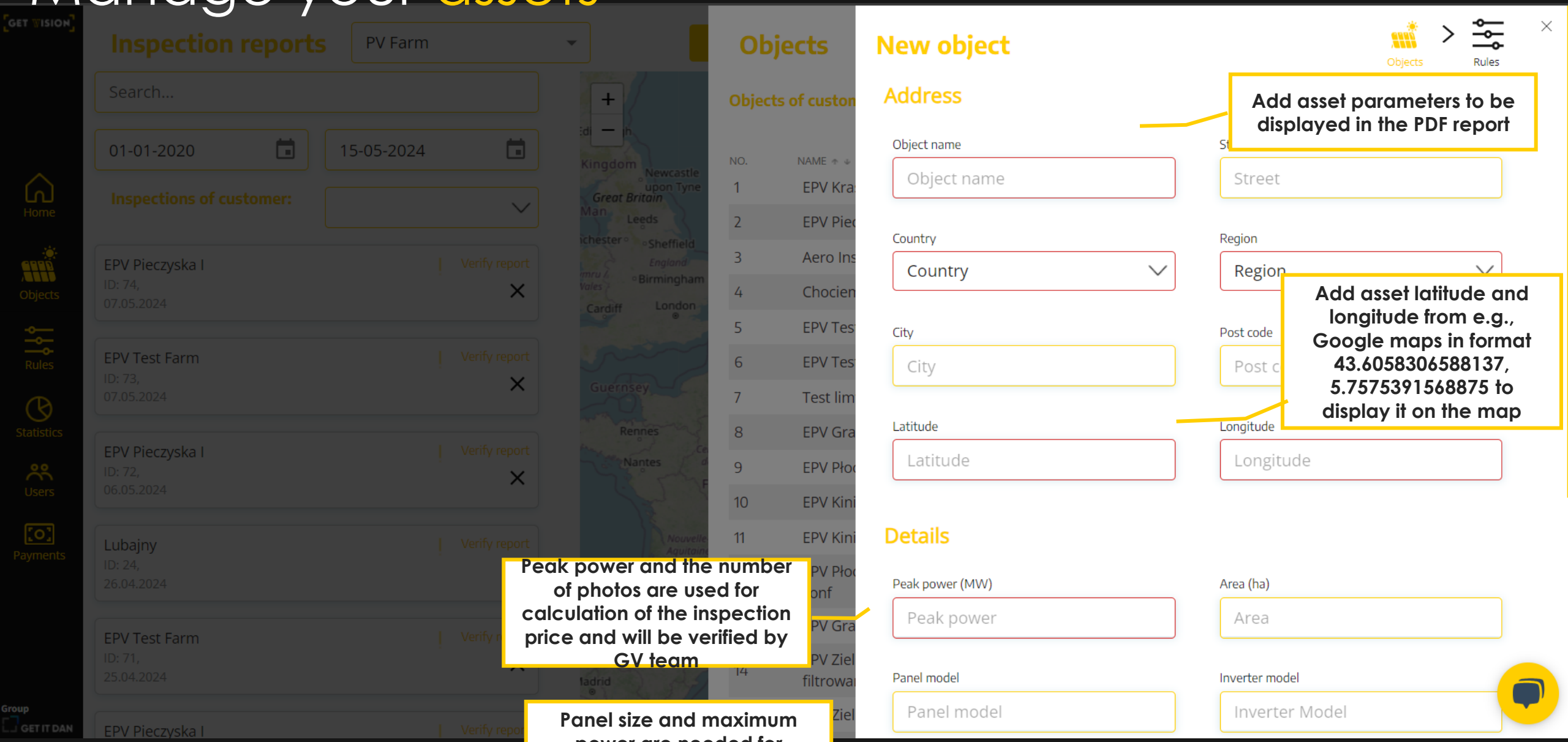
View User Panel including: helpdesk, user manuals and account details

Available inspections statuses: Draft, In progress, Verify report, Ready

Manage assets, configure priority rules, view inspection statistics and manage users

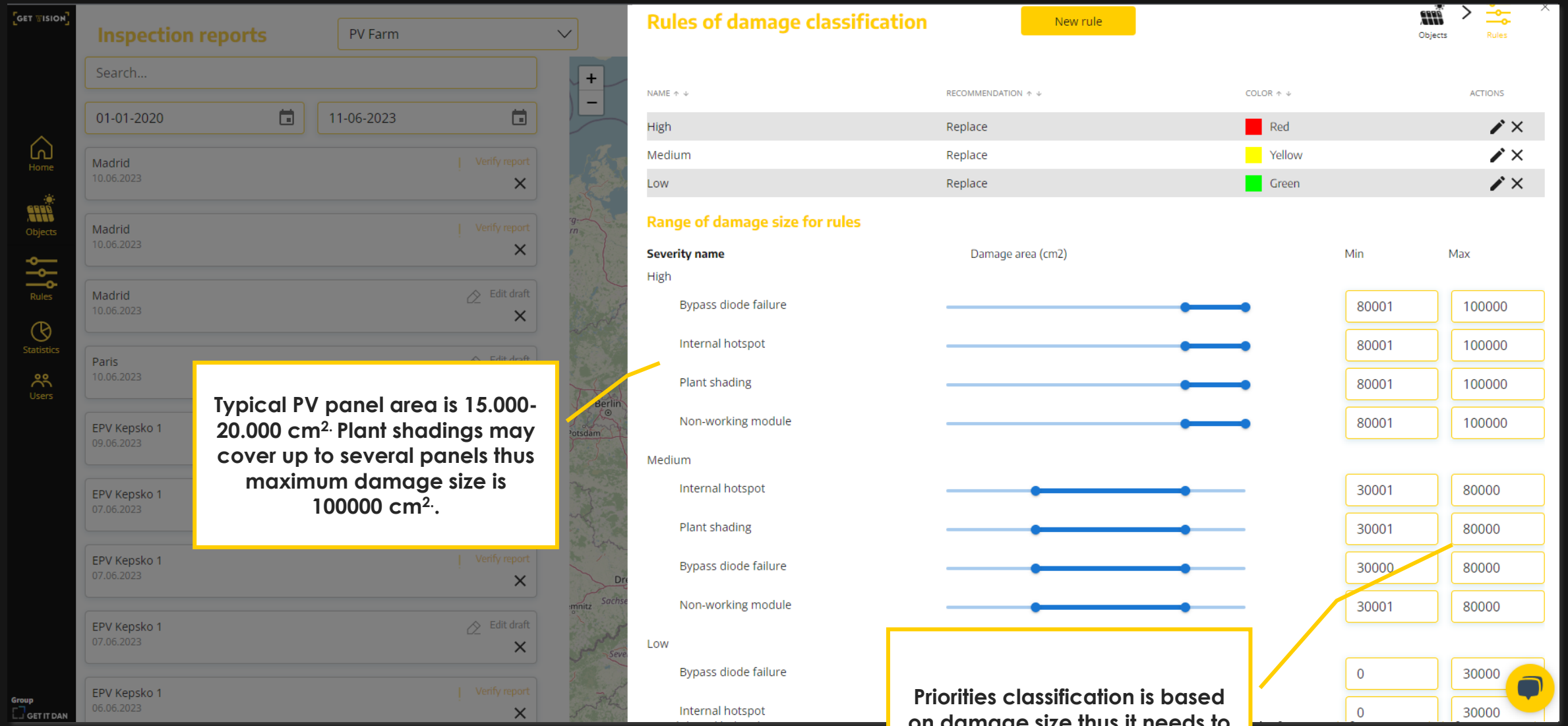
Ask us anything on Live Chat!

# Manage your assets



# Configure priority rules

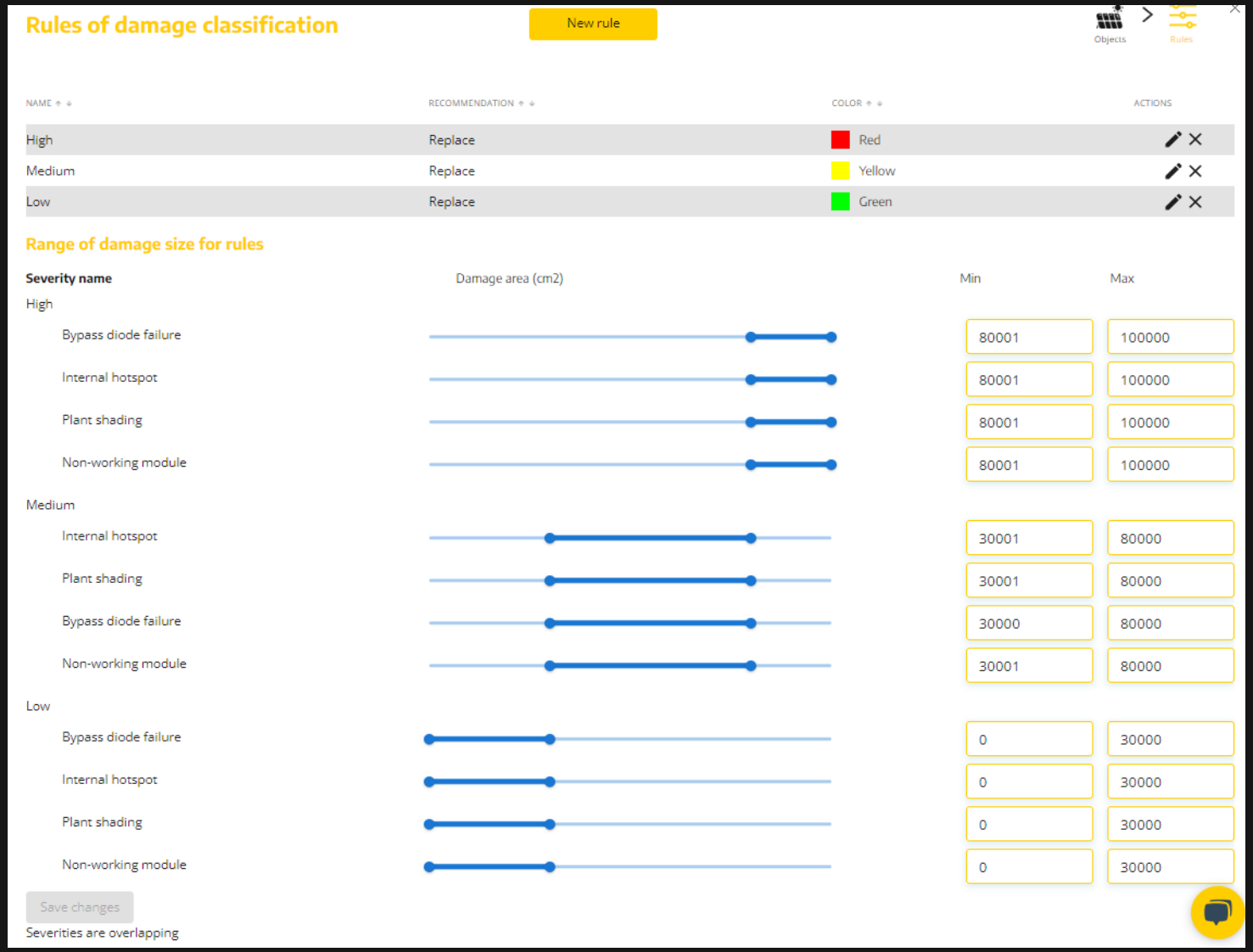
Add and edit damage types priorities




Typical PV panel area is 15.000-20.000 $cm^2$. Plant shadings may cover up to several panels thus maximum damage size is 100000 $cm^2$.

Priorities classification is based on damage size thus it needs to be correctly adjusted.

# Default priority rules – available in app soon, for now filled in manually



Rules of damage classification

New rule

Objects | Rules

| NAME | RECOMMENDATION | COLOR | ACTIONS |
|---|---|---|---|
| High | Replace | Red | |
| Medium | Replace | Yellow | |
| Low | Replace | Green | |

Range of damage size for rules

| Severity name | Damage area (cm2) | Min | Max |
|---|---|---|---|
| High | | | |
| Bypass diode failure | | 80001 | 100000 |
| Internal hotspot | | 80001 | 100000 |
| Plant shading | | 80001 | 100000 |
| Non-working module | | 80001 | 100000 |
| Medium | | | |
| Internal hotspot | | 30001 | 80000 |
| Plant shading | | 30001 | 80000 |
| Bypass diode failure | | 30000 | 80000 |
| Non-working module | | 30001 | 80000 |
| Low | | | |
| Bypass diode failure | | 0 | 30000 |
| Internal hotspot | | 0 | 30000 |
| Plant shading | | 0 | 30000 |
| Non-working module | | 0 | 30000 |

Save changes

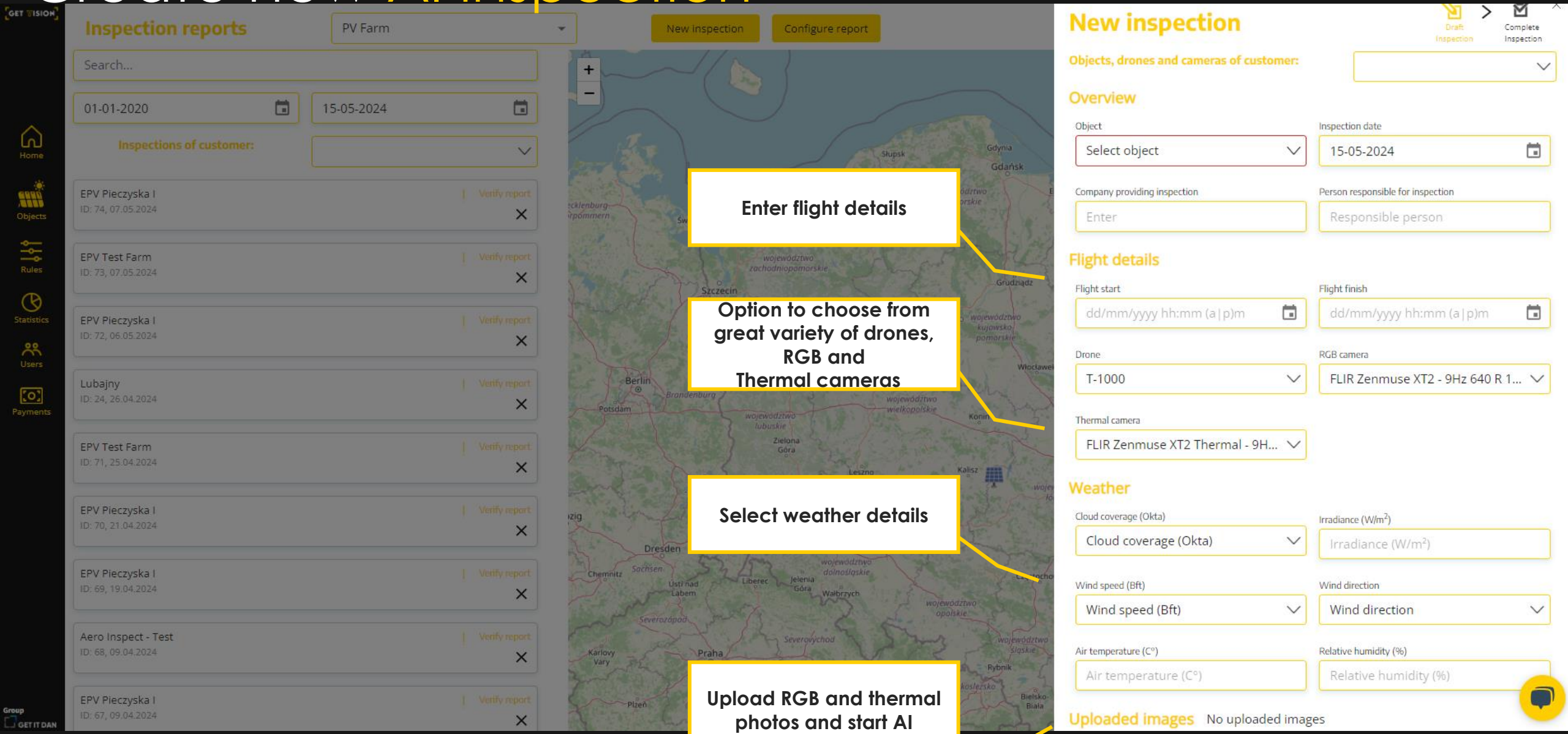
Severities are overlapping

**High priority is applied to Bypass diode failure and Non-working module with range 1 – 99.999 cm². Other damages are excluded with range 100.000-100.000 or 0-0 cm²**

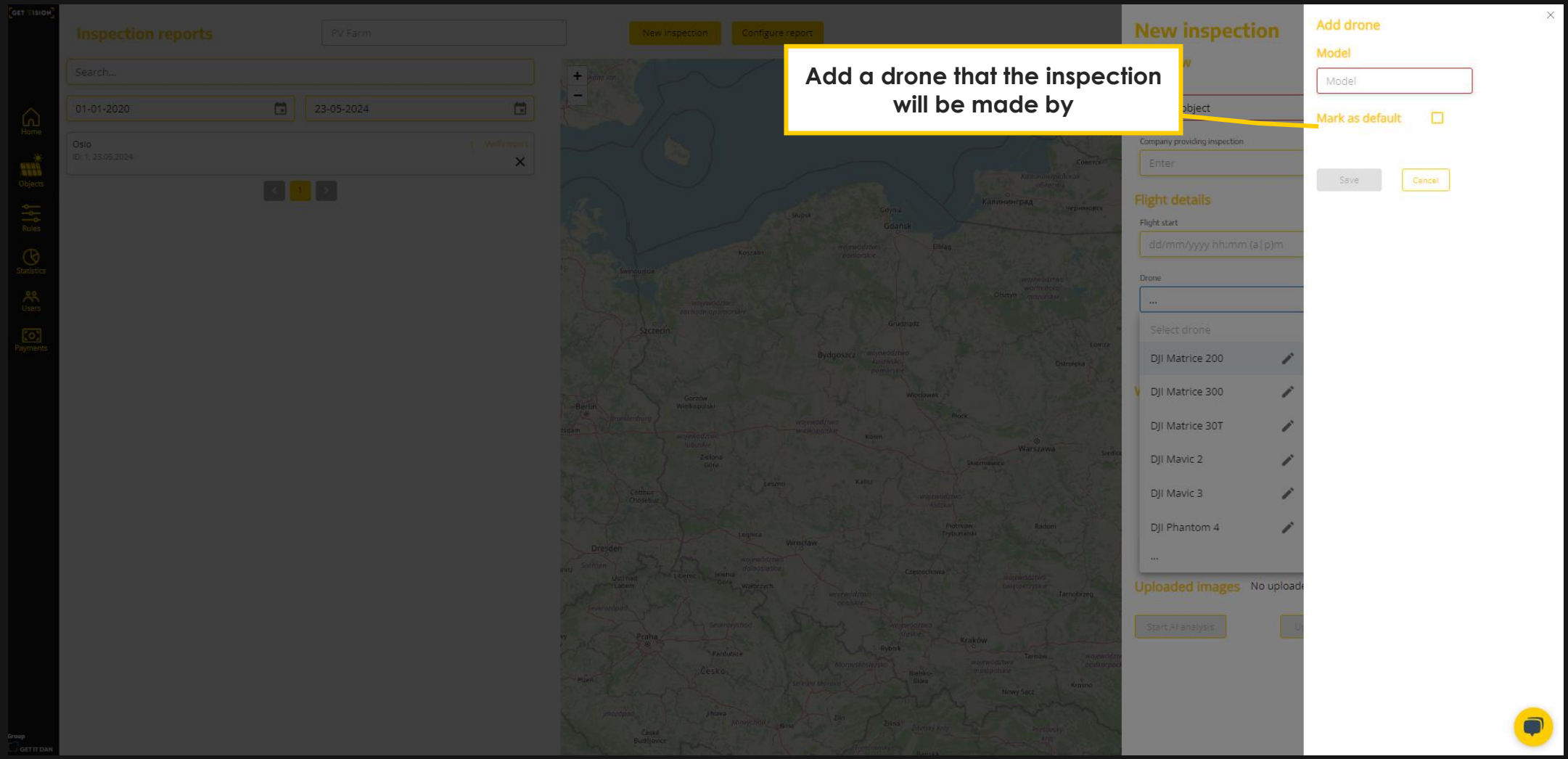
**Medium priority is applied only to Hotspots with size 1 – 99.999 cm².**

**Low priority is applied only to Plant shadings size 1 – 99.999 cm² .**

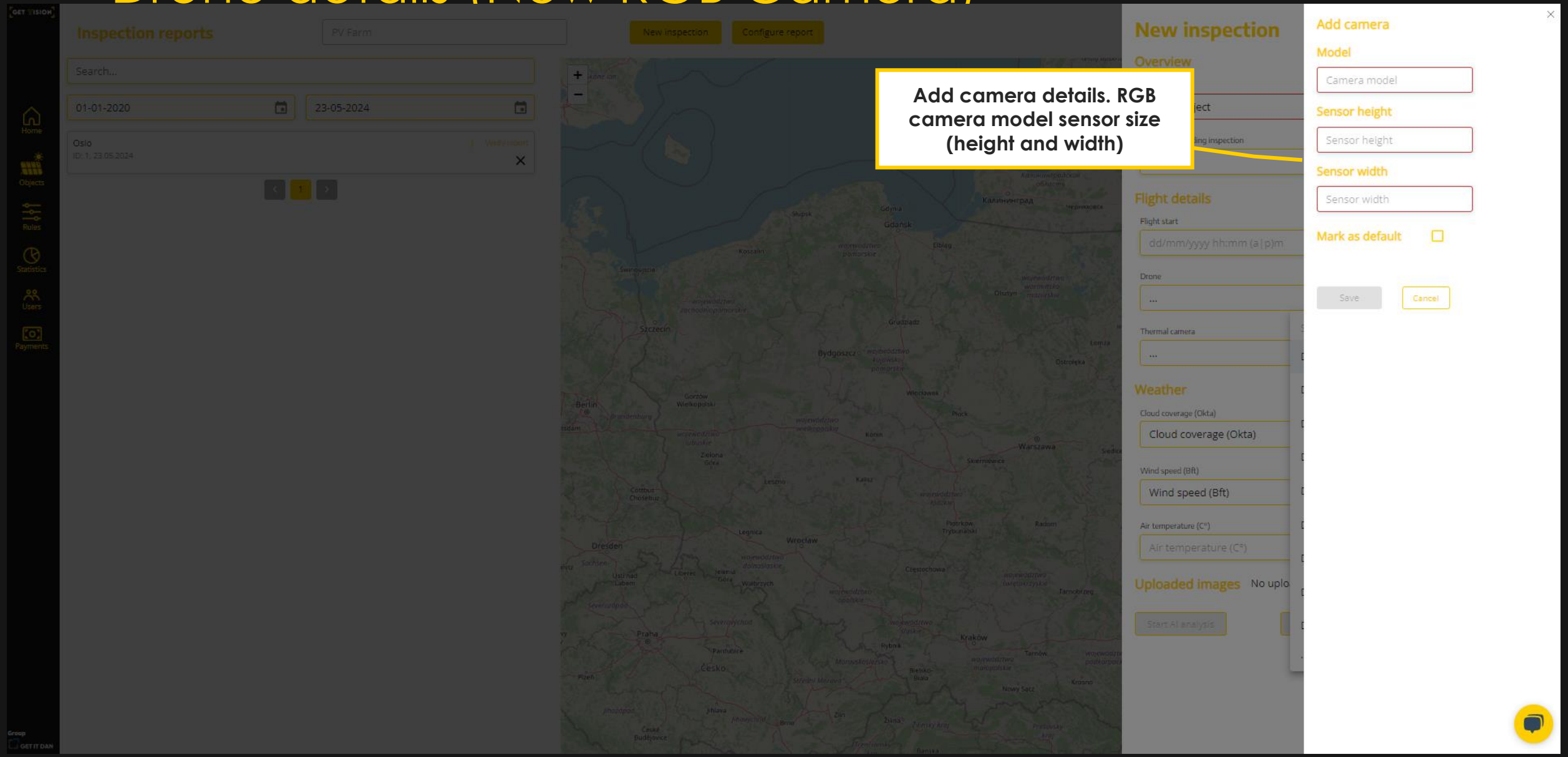
# Create new AI inspection



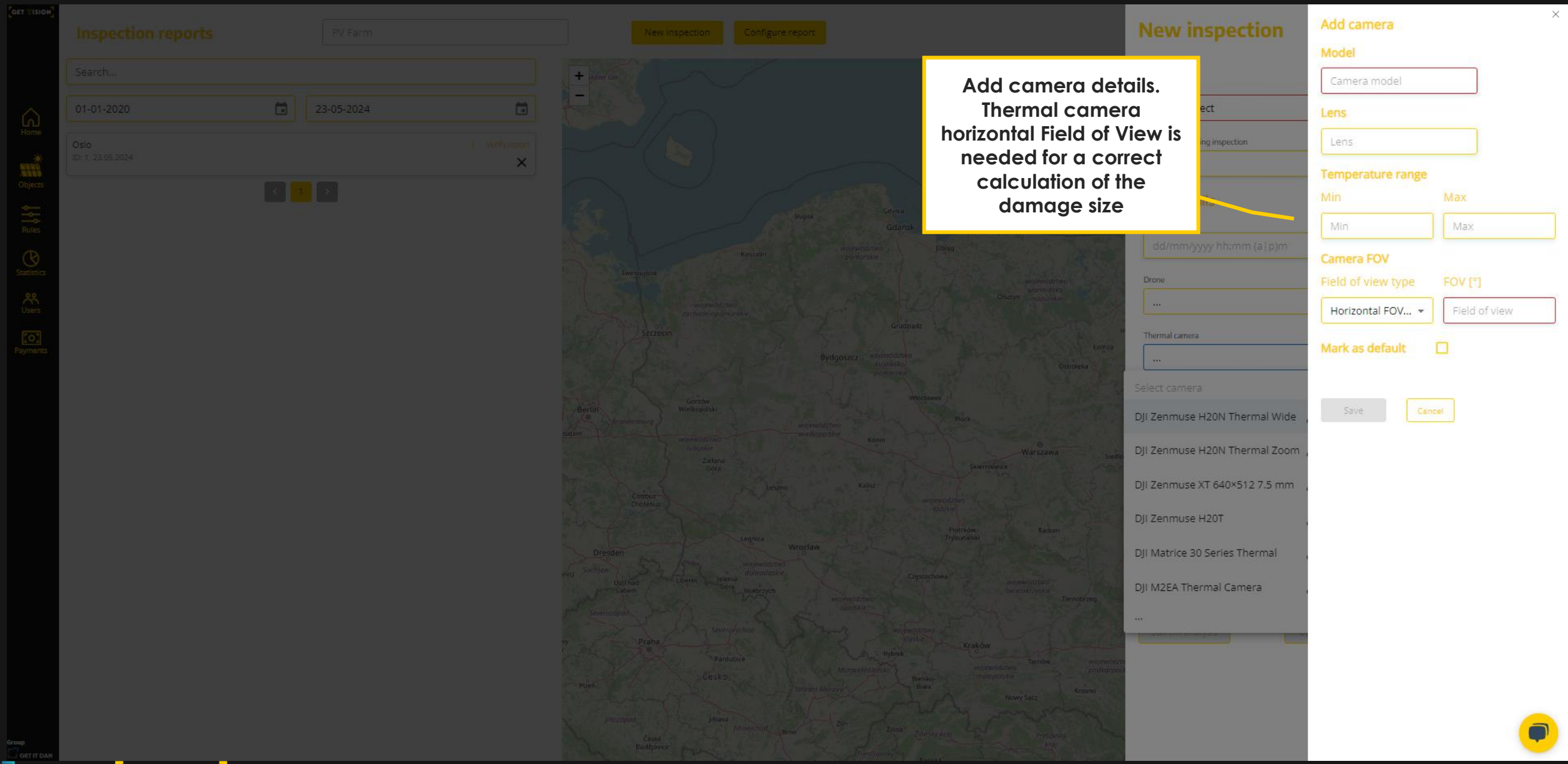
# Drone details (New Drone)



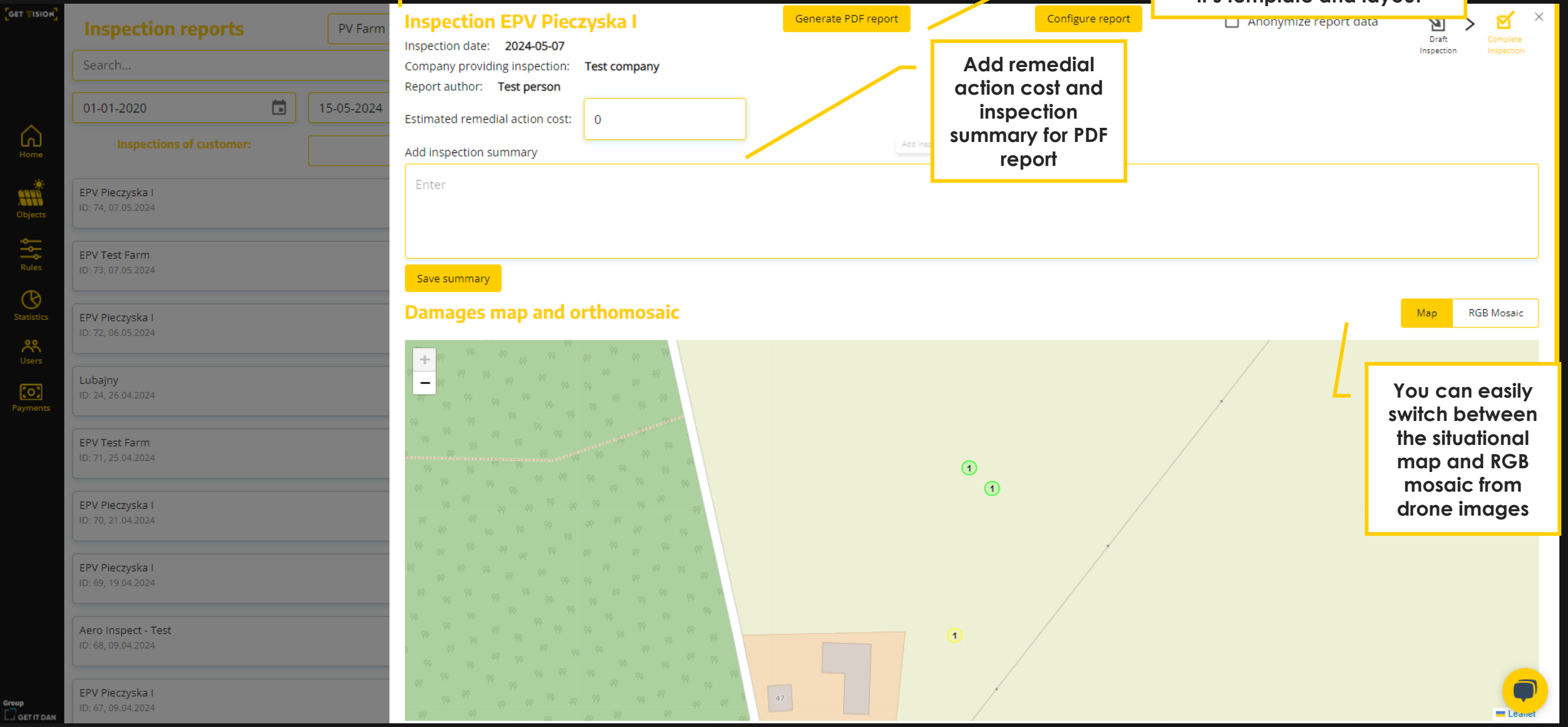
# Drone details (New RGB Camera)



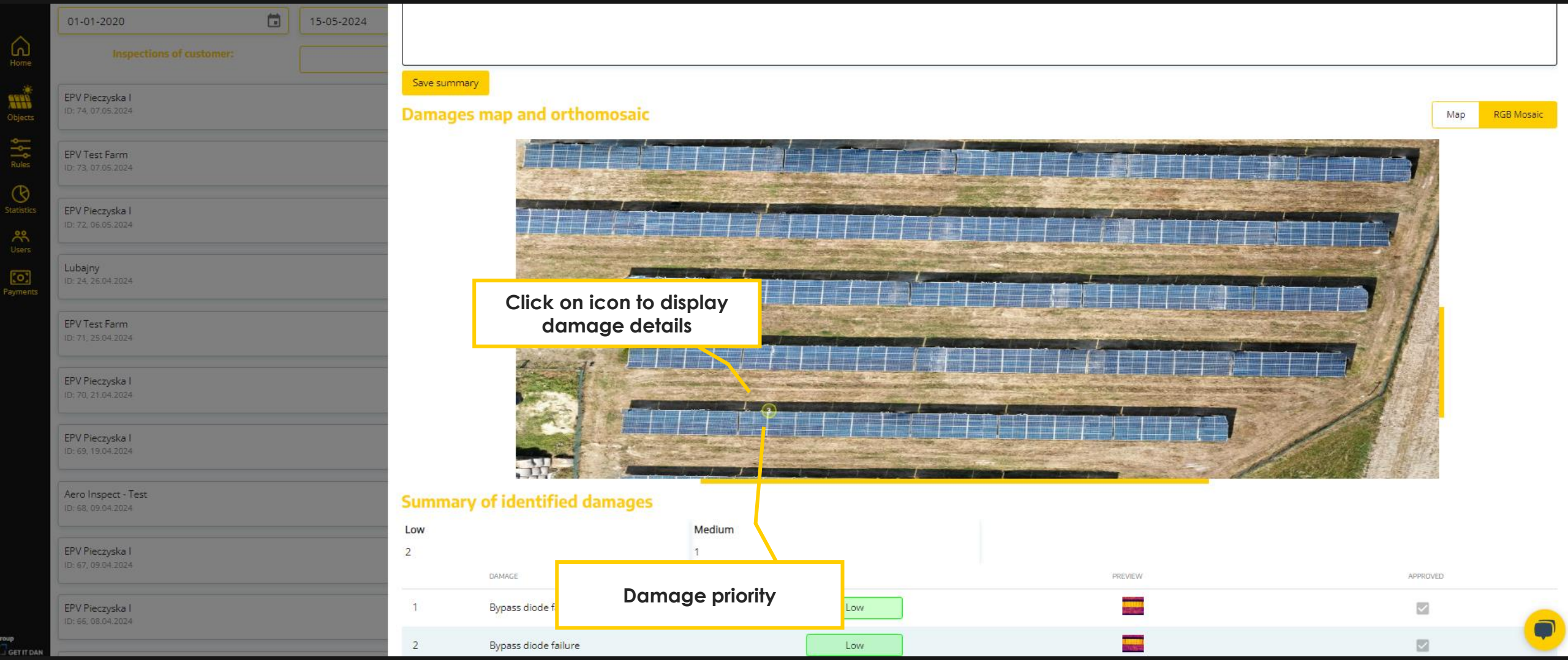
# Drone details (New Thermal Camera)



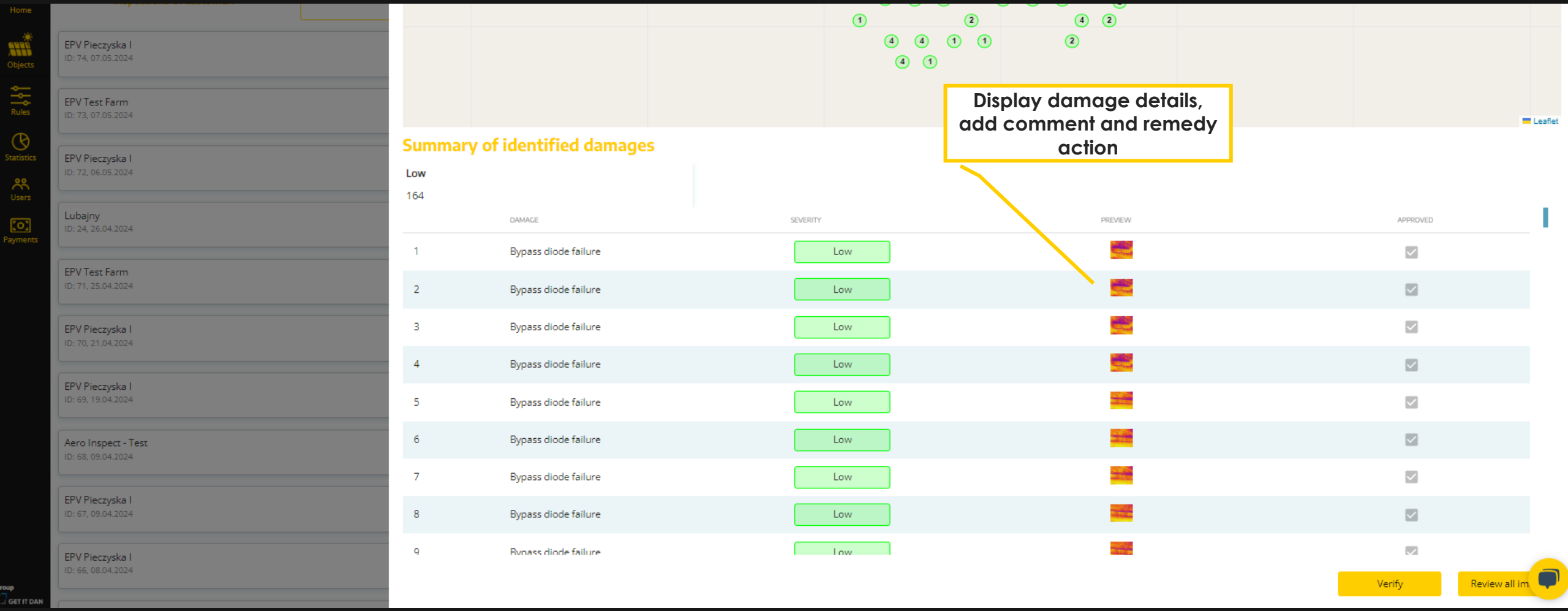
# Finalize AI inspection



# View RGB Orthomosaic



# Display identified damages




**Display damage details, add comment and remedy action**

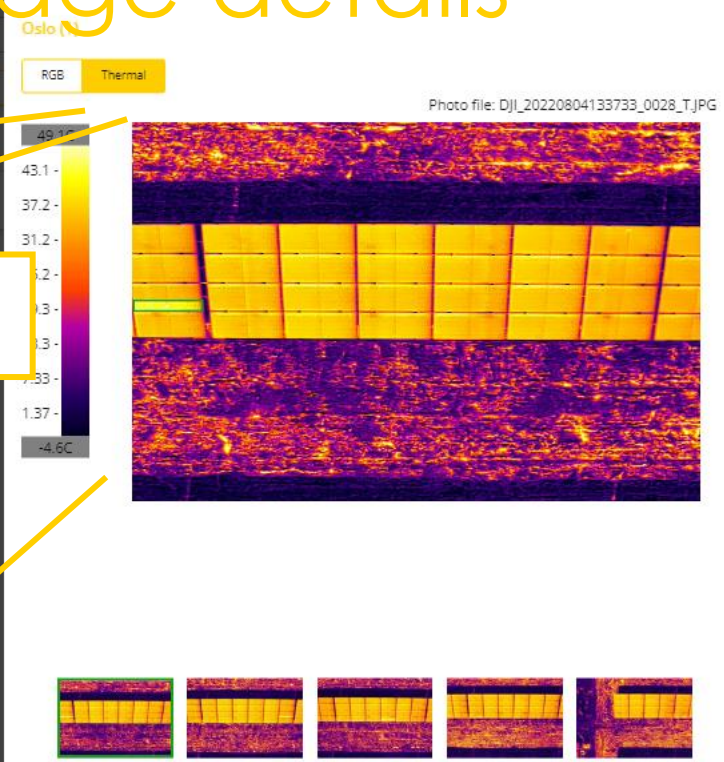
**Review all images from inspection and verify report**

# Display damage details

Object name and damage ID

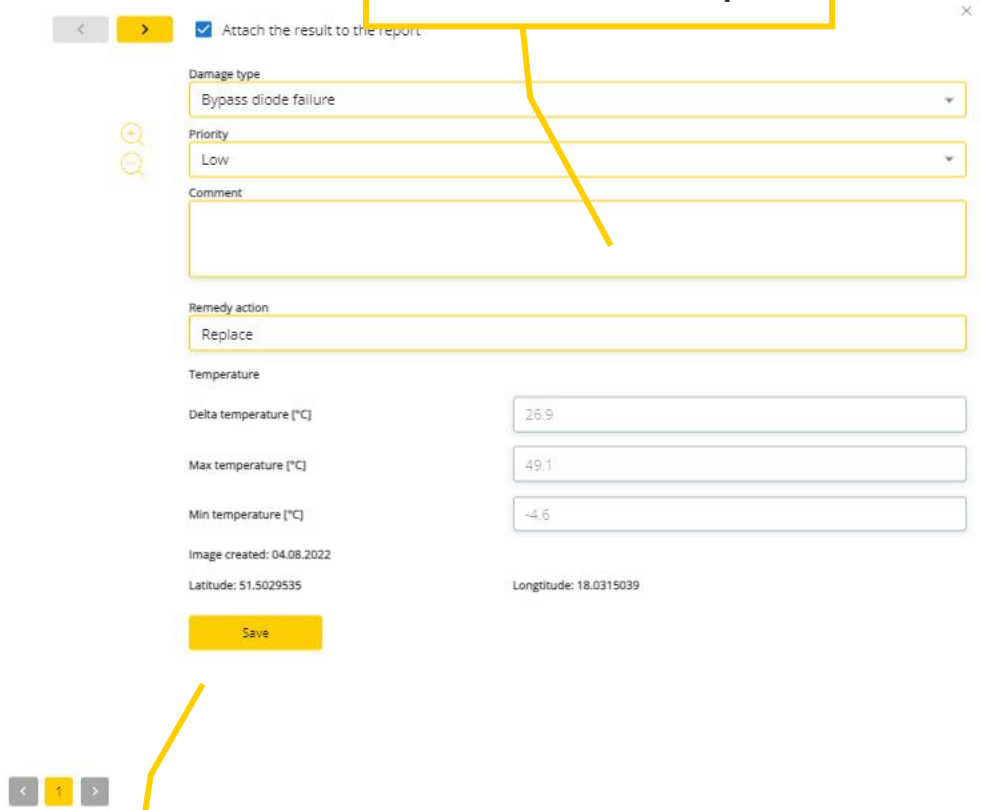
Switch between thermal and RGB image

Range of temperature from thermal image



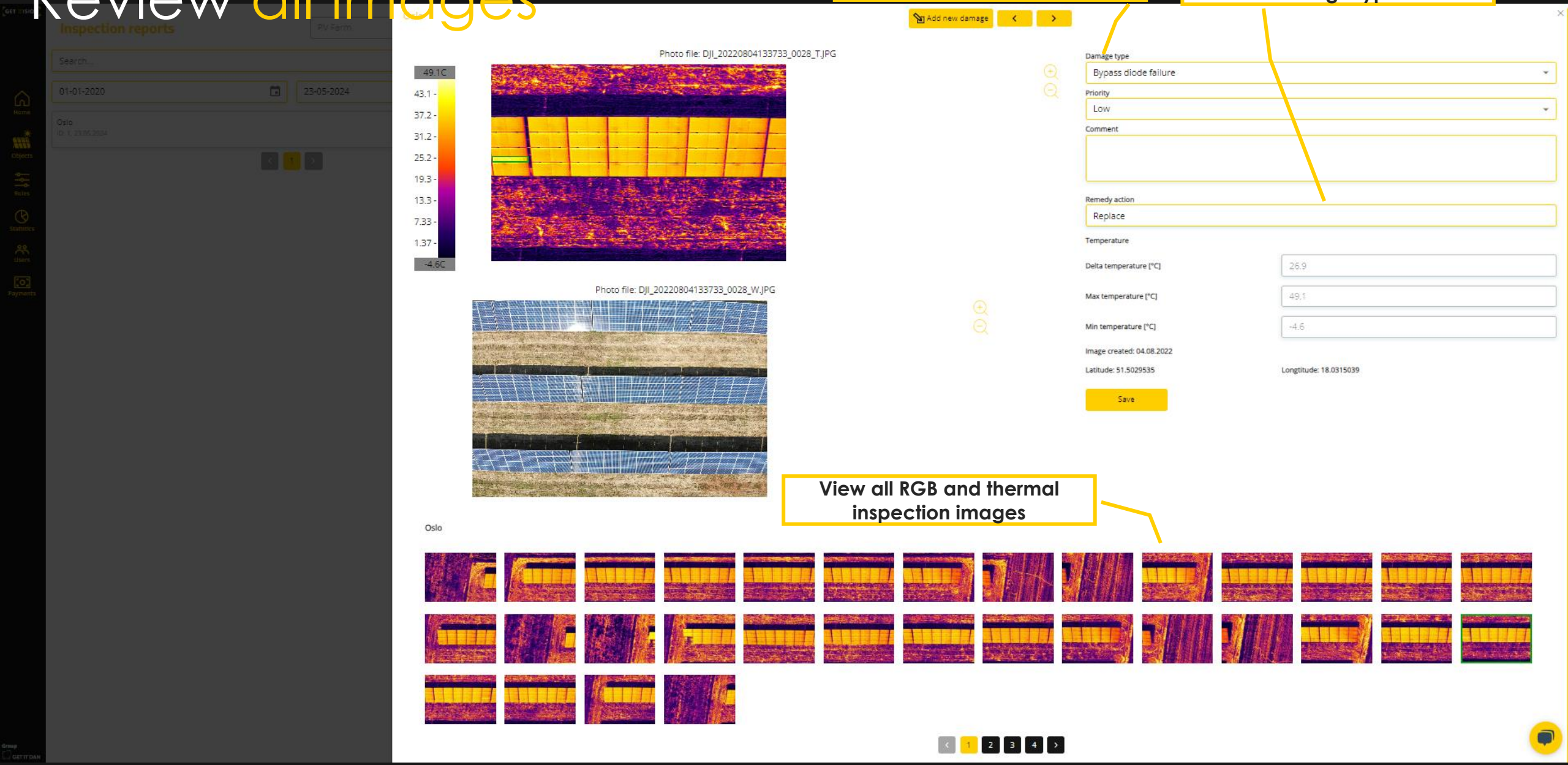



Add comment and remedy action for the PDF report

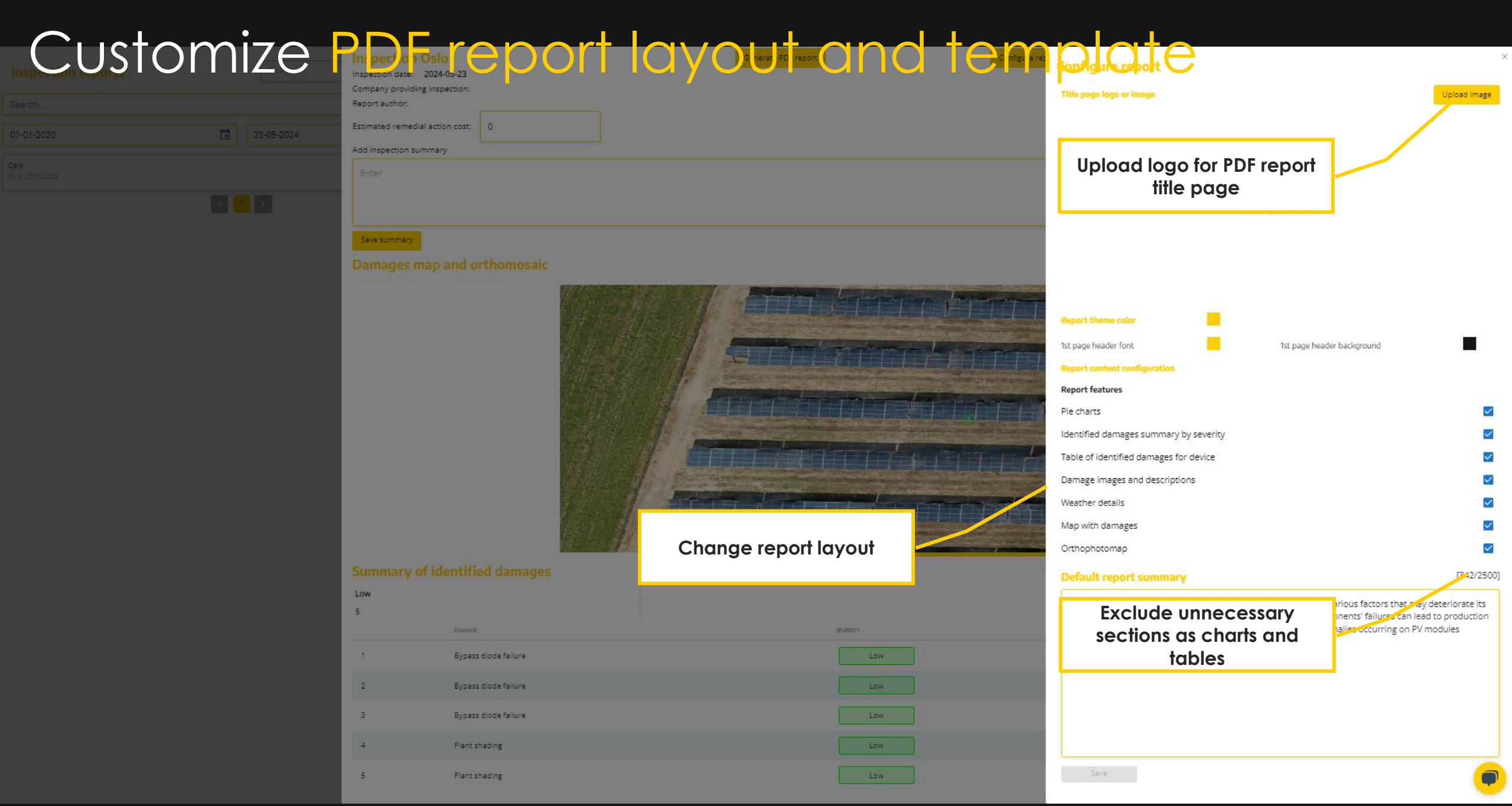



Remember to save changes

# Review all images



# Customize PDF report layout and template



# View manager's dashboard