Rev.A

Overview of the functionalities of the RiumWeb platform

v1.1.1

Connection

Rium WebApp - Login

https://app.icohup.com/login

Go to app.icohup.com

A solution in Radioactive Monitoring

RiumWeb allows you to manage your sensors, follow real-time measurements, map risks, calculate workers exposure and several other features.

Rium Web

Log in and access your data

Login

Password

Log in

Forgotten password ?

icohup Control risk and improve safety

Rium WebApp - Login

https://app.icohup.com/login

A solution in Radioactive Monitoring

RiumWeb allows you to manage your sensors, follow real-time measurements, map risks, calculate workers exposure and several other features.

Type in your username

Rium Web

Log in and access your data

Login

john-doe@icohup-test.com

Password

Log in

Forgotten password ?

icohup Control risk and improve safety

Rium WebApp - Login

https://app.icohup.com/login

A solution in Radioactive Monitoring

RiumWeb allows you to manage your sensors, follow real-time measurements, map risks, calculate workers exposure and several other features.

Rium Web

Log in and access your data

Login
john-doe@icohup-test.com

Password
••••••••••••••••••••

Log in

Forgotten password ?

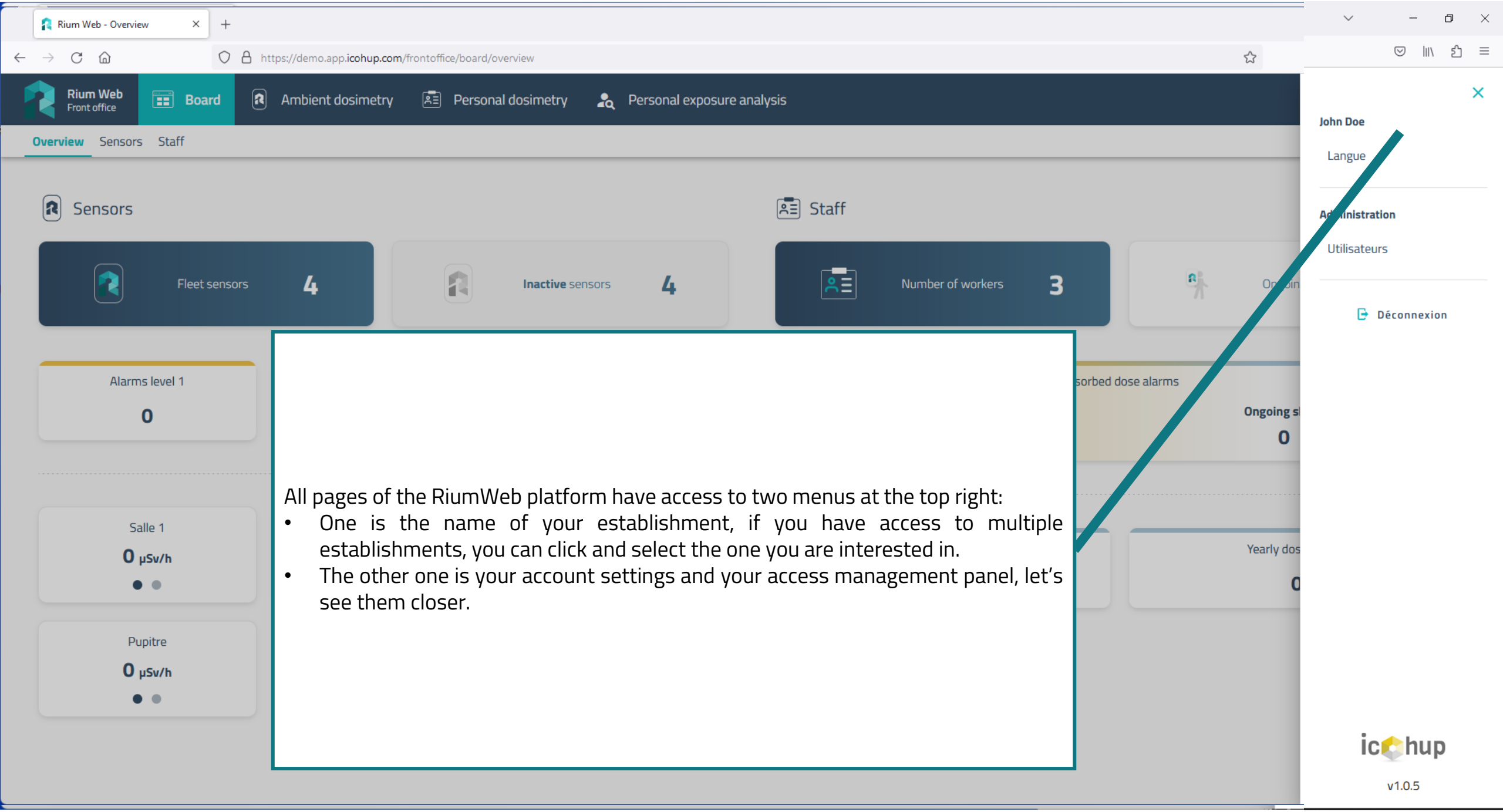
Your password

And log in!

If you lose your password, click here!

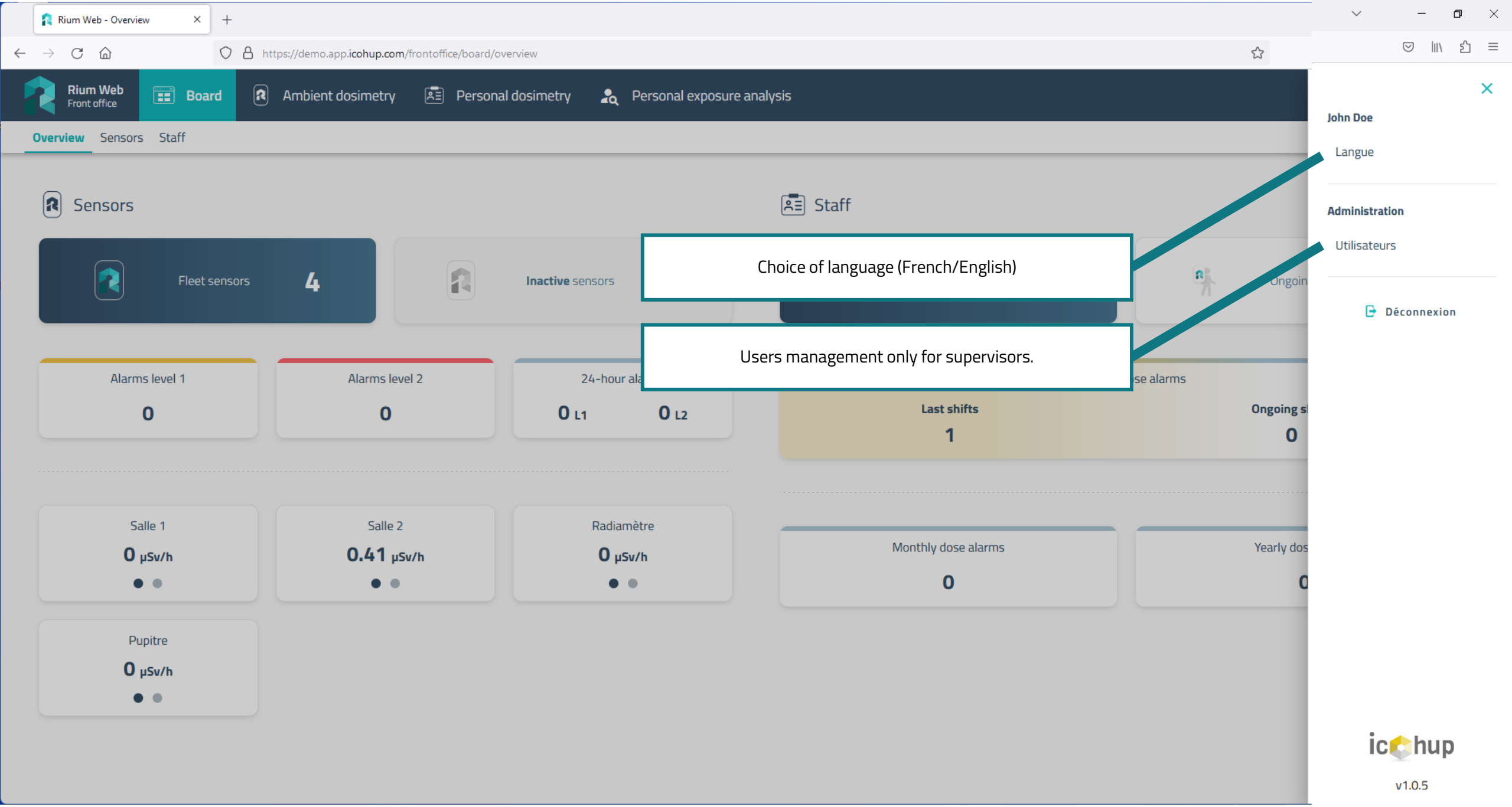
icohup Control risk and improve safety

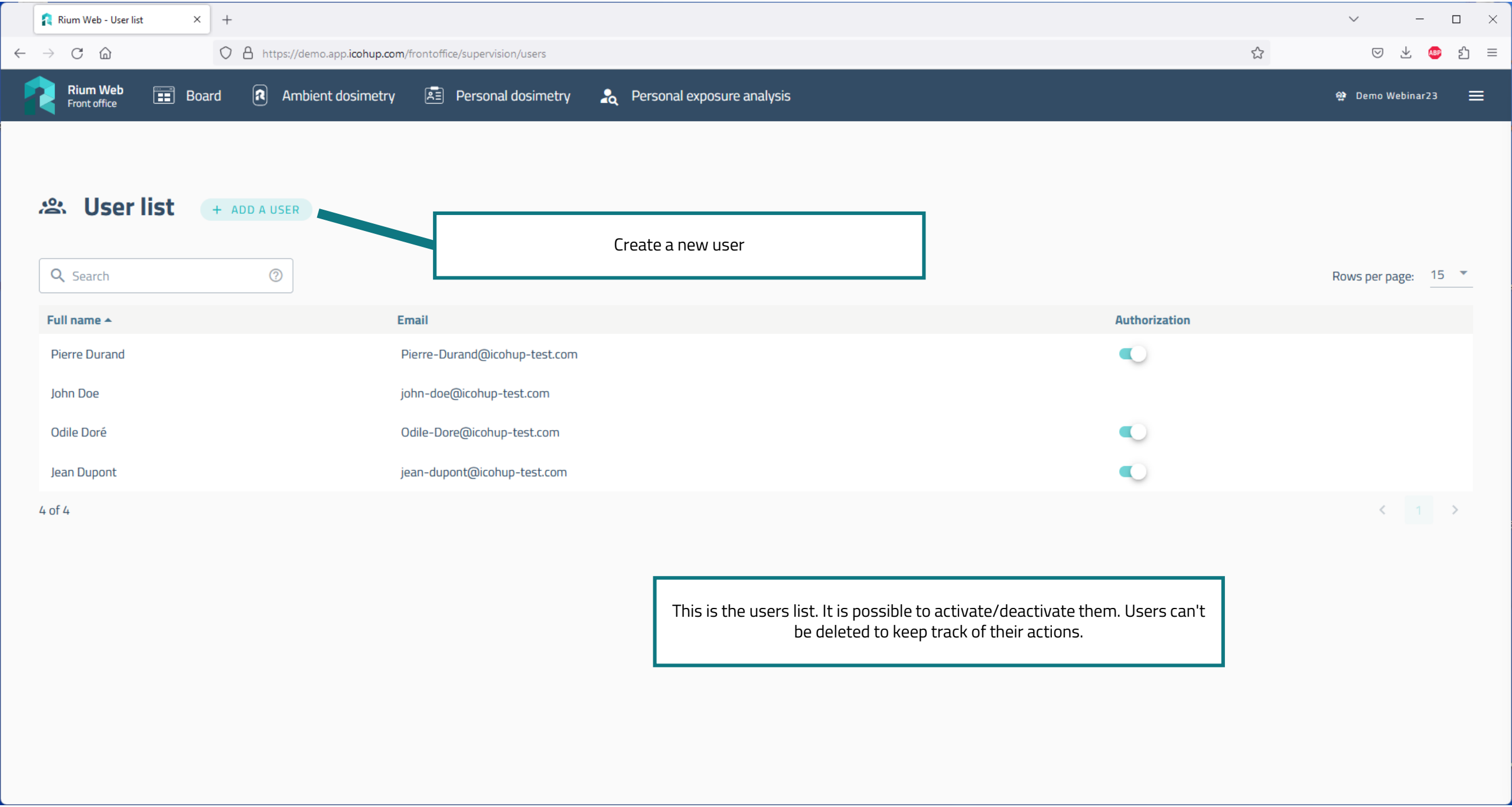
Account Settings

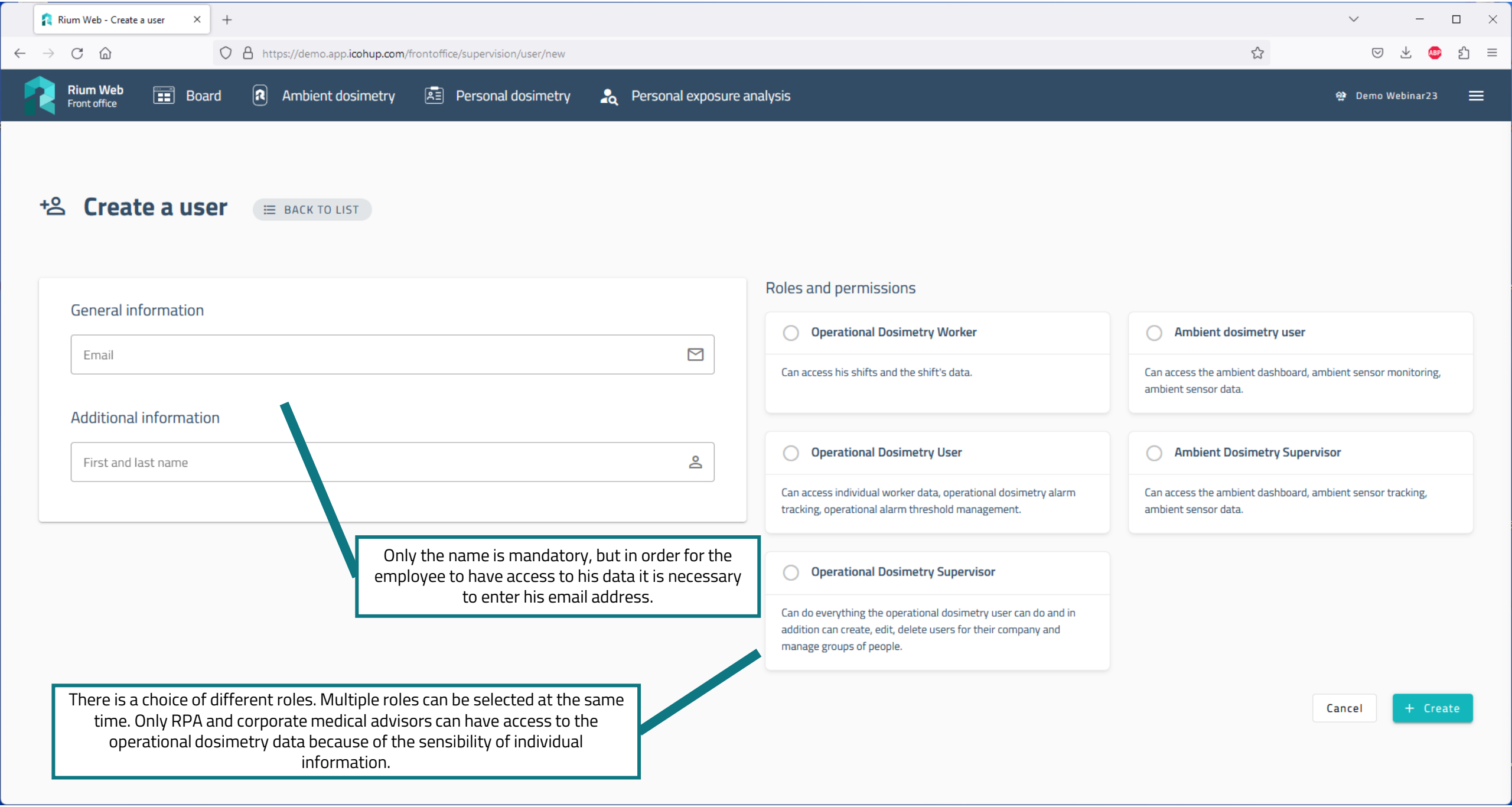


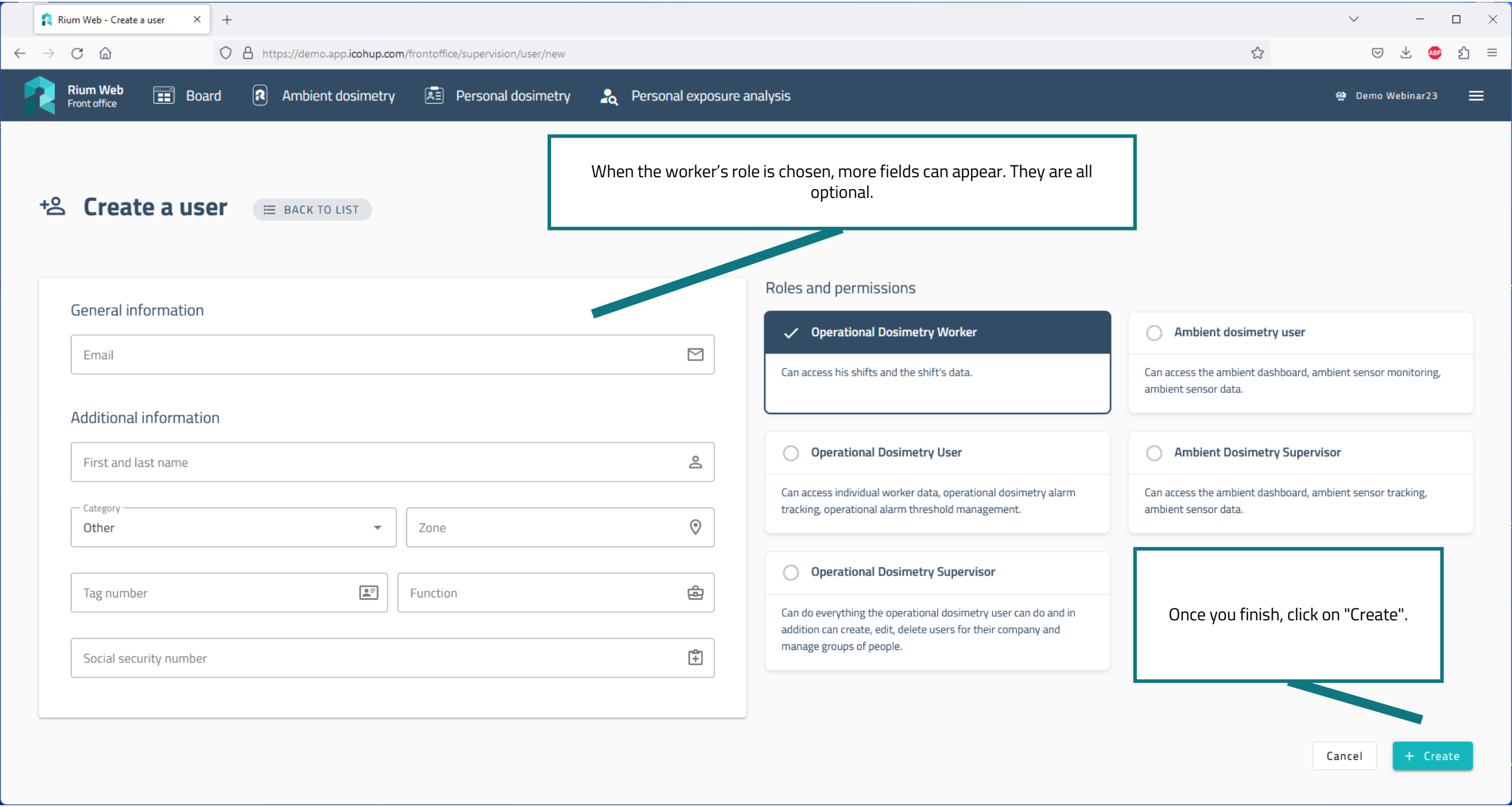
All pages of the RiumWeb platform have access to two menus at the top right:

- One is the name of your establishment, if you have access to multiple establishments, you can click and select the one you are interested in.
- The other one is your account settings and your access management panel, let's see them closer.

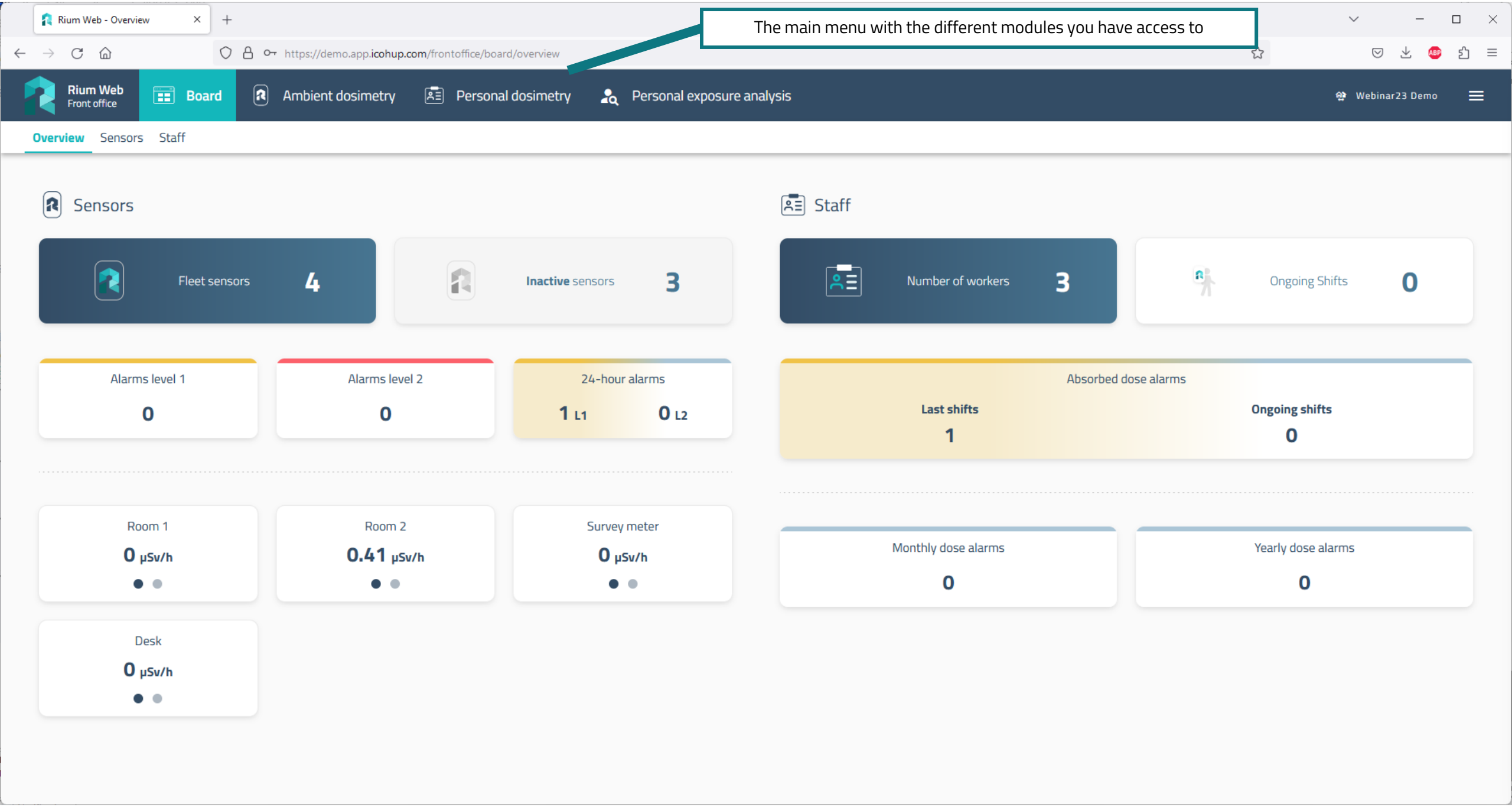

Rium Web - Overview
https://demo.app.icohup.com/frontoffice/board/overview
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Overview
Sensors
Staff
Sensors
Fleet sensors
4
Inactive sensors
Staff
Alarms level 1
0
Alarms level 2
0
0 L1
0 L2
Last shifts
1
Ongoing
0
Salle 1
0 µSv/h
Salle 2
0.41 µSv/h
Radiamètre
0 µSv/h
Monthly dose alarms
0
Pupitre
0 µSv/h
John Doe
Langue
Administration
Utilisateurs
Déconnexion
Choice of language (French/English)
Users management only for supervisors.
icohup
v1.0.5

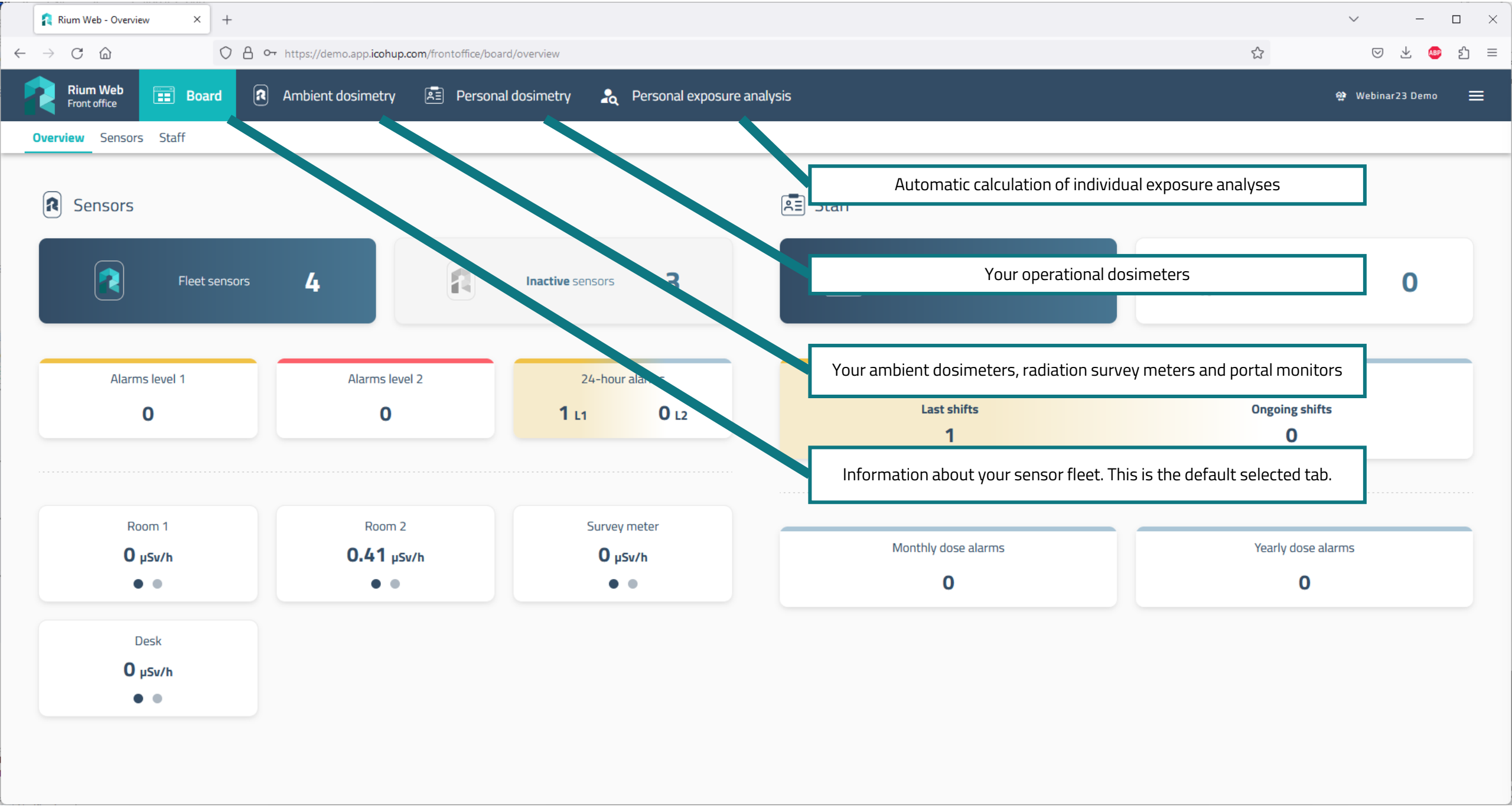

Rium Web - User list
https://demo.app.icohup.com/frontoffice/supervision/users
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Demo Webinar23
User list
+ ADD A USER
Create a new user
Search
Rows per page: 15
Full name
Email
Authorization
Pierre Durand
Pierre-Durand@icohup-test.com
John Doe
john-doe@icohup-test.com
Odile Doré
Odile-Dore@icohup-test.com
Jean Dupont
jean-dupont@icohup-test.com
4 of 4
1
This is the users list. It is possible to activate/deactivate them. Users can't be deleted to keep track of their actions.


Rium Web - Create a user
https://demo.app.icohup.com/frontoffice/supervision/user/new
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Demo Webinar23
Create a user
BACK TO LIST
General information
Email
Additional information
First and last name
Roles and permissions
Operational Dosimetry Worker
Can access his shifts and the shift's data.
Ambient dosimetry user
Can access the ambient dashboard, ambient sensor monitoring, ambient sensor data.
Operational Dosimetry User
Can access individual worker data, operational dosimetry alarm tracking, operational alarm threshold management.
Ambient Dosimetry Supervisor
Can access the ambient dashboard, ambient sensor tracking, ambient sensor data.
Operational Dosimetry Supervisor
Can do everything the operational dosimetry user can do and in addition can create, edit, delete users for their company and manage groups of people.
Only the name is mandatory, but in order for the employee to have access to his data it is necessary to enter his email address.
There is a choice of different roles. Multiple roles can be selected at the same time. Only RPA and corporate medical advisors can have access to the operational dosimetry data because of the sensibility of individual information.
Cancel
+ Create


Rium Web - Create a user
https://demo.app.icohup.com/frontoffice/supervision/user/new
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Demo Webinar23
When the worker's role is chosen, more fields can appear. They are all optional.
Create a user
BACK TO LIST
General information
Email
Additional information
First and last name
Category
Other
Zone
Tag number
Function
Social security number
Roles and permissions
Operational Dosimetry Worker
Can access his shifts and the shift's data.
Ambient dosimetry user
Can access the ambient dashboard, ambient sensor monitoring, ambient sensor data.
Operational Dosimetry User
Can access individual worker data, operational dosimetry alarm tracking, operational alarm threshold management.
Ambient Dosimetry Supervisor
Can access the ambient dashboard, ambient sensor tracking, ambient sensor data.
Operational Dosimetry Supervisor
Can do everything the operational dosimetry user can do and in addition can create, edit, delete users for their company and manage groups of people.
Once you finish, click on "Create".
Cancel
Create

Dashboards


Rium Web - Overview
https://demo.app.icohup.com/frontoffice/board/overview
The main menu with the different modules you have access to
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Overview
Sensors
Staff
Sensors
Fleet sensors 4
Inactive sensors 3
Alarms level 1
0
Alarms level 2
0
24-hour alarms
1 L1
0 L2
Room 1
0 µSv/h
Room 2
0.41 µSv/h
Survey meter
0 µSv/h
Desk
0 µSv/h
Staff
Number of workers 3
Ongoing Shifts 0
Absorbed dose alarms
Last shifts
1
Ongoing shifts
0
Monthly dose alarms
0
Yearly dose alarms
0


Rium Web - Overview
https://demo.app.icohup.com/frontoffice/board/overview
Rium Web
Front office
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Personal dosimetry
Personal exposure analysis
Webinar23 Demo
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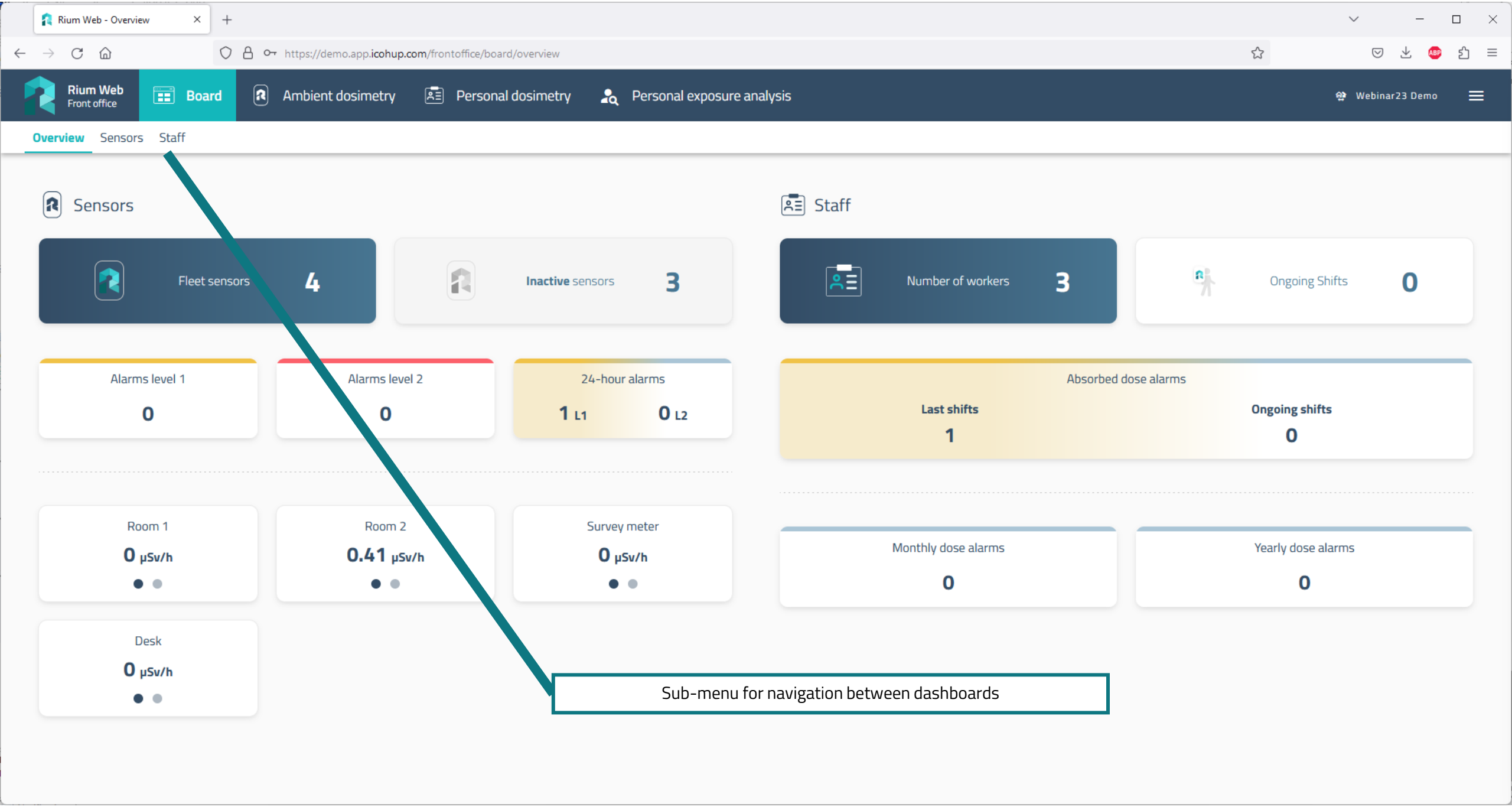
Staff
Sensors
Fleet sensors
4
Inactive sensors
3
Alarms level 1
0
Alarms level 2
0
1 L1
0 L2
Room 1
0 µSv/h
Room 2
0.41 µSv/h
Survey meter
0 µSv/h
Desk
0 µSv/h
0
Last shifts
1
Ongoing shifts
0
Monthly dose alarms
0
Yearly dose alarms
0
Automatic calculation of individual exposure analyses
Your operational dosimeters
Your ambient dosimeters, radiation survey meters and portal monitors
Information about your sensor fleet. This is the default selected tab.


Rium Web - Overview
https://demo.app.icohup.com/frontoffice/board/overview
Rium Web
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Personal exposure analysis
Webinar23 Demo
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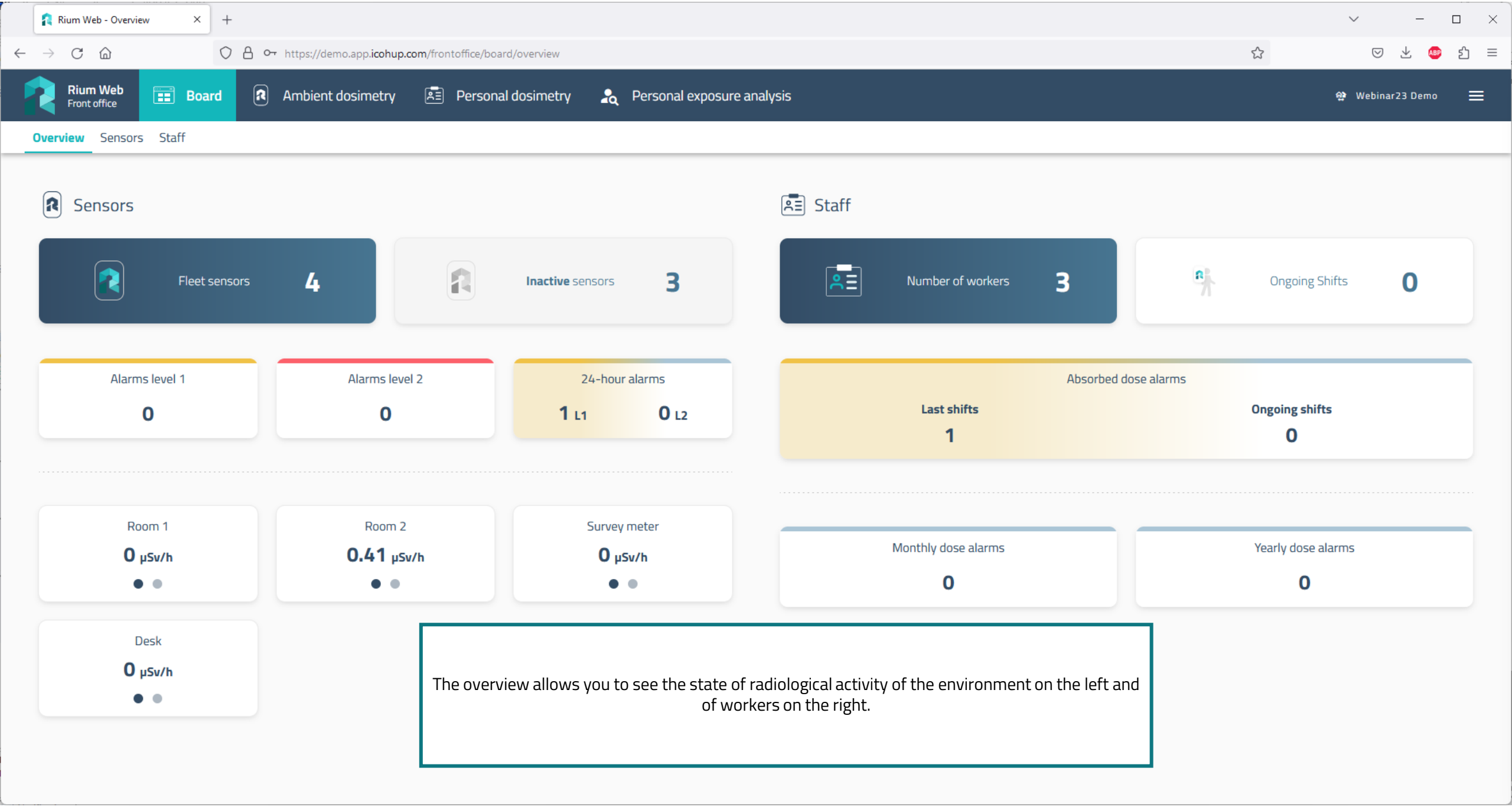
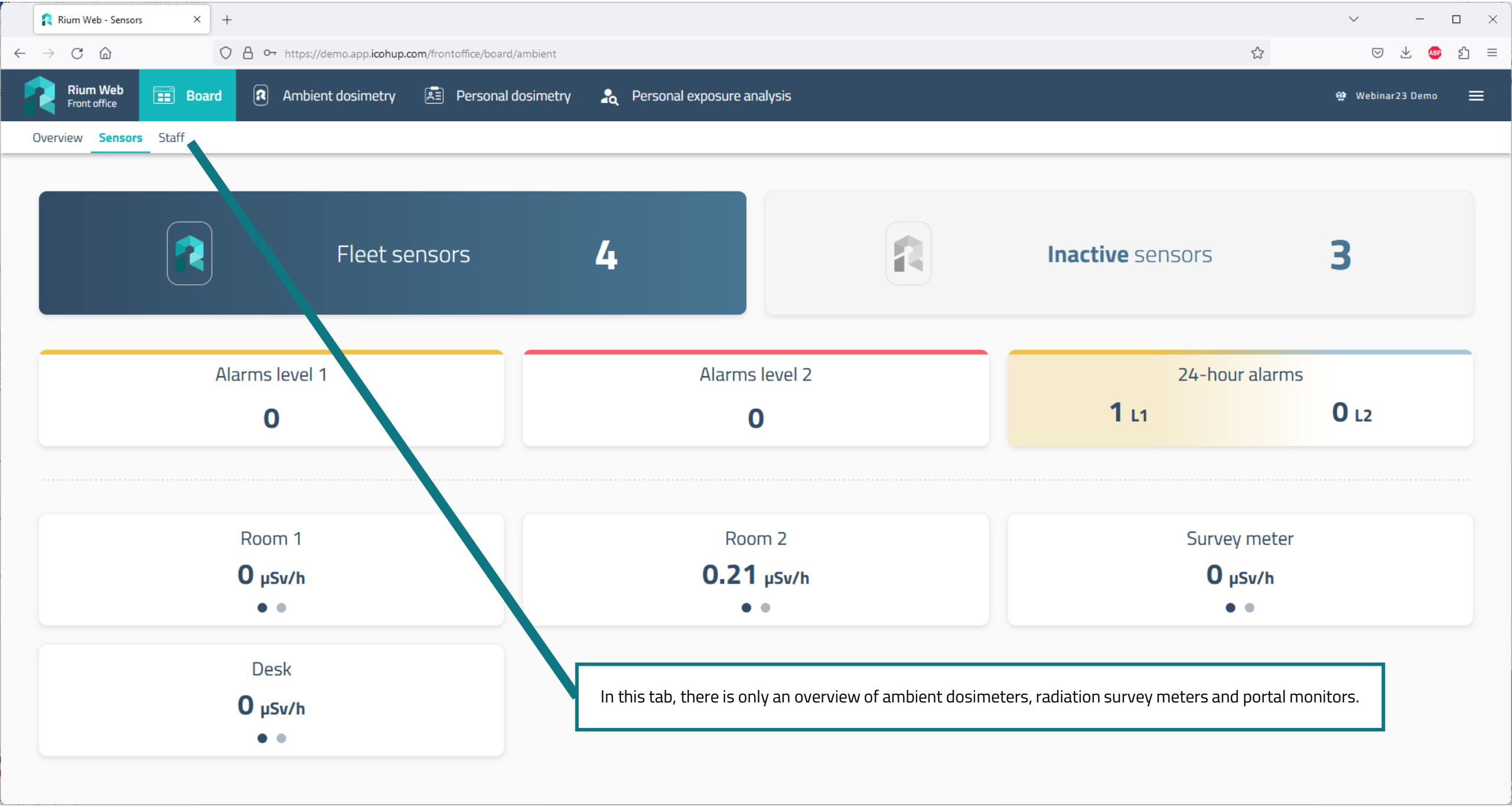
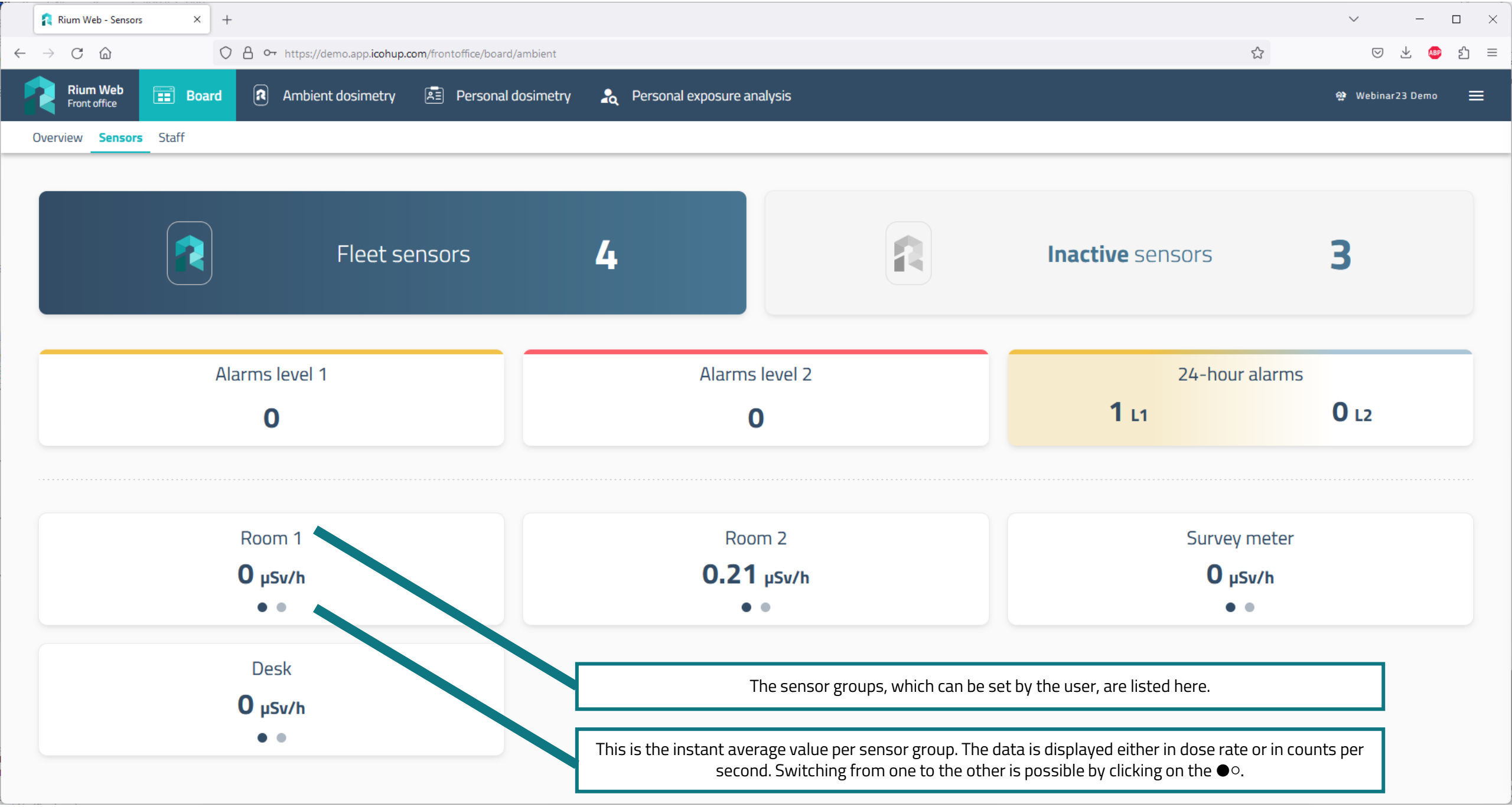
Sensors
Staff
Sensors
Fleet sensors 4
Inactive sensors 3
Alarms level 1 0
Alarms level 2 0
24-hour alarms 1 L1 0 L2
Room 1 0 µSv/h
Room 2 0.41 µSv/h
Survey meter 0 µSv/h
Desk 0 µSv/h
Staff
Number of workers 3
Ongoing Shifts 0
Absorbed dose alarms
Last shifts 1
Ongoing shifts 0
Monthly dose alarms 0
Yearly dose alarms 0
Sub-menu for navigation between dashboards


Rium Web - Overview
https://demo.app.icohup.com/frontoffice/board/overview
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Overview
Sensors
Staff
Sensors
Fleet sensors 4
Inactive sensors 3
Alarms level 1
0
Alarms level 2
0
24-hour alarms
1 L1
0 L2
Room 1
0 µSv/h
Room 2
0.41 µSv/h
Survey meter
0 µSv/h
Desk
0 µSv/h
Staff
Number of workers 3
Ongoing Shifts 0
Absorbed dose alarms
Last shifts
1
Ongoing shifts
0
Monthly dose alarms
0
Yearly dose alarms
0
The overview allows you to see the state of radiological activity of the environment on the left and of workers on the right.


Rium Web - Sensors
https://demo.app.icohup.com/frontoffice/board/ambient
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Overview
Sensors
Staff
Fleet sensors
4
Inactive sensors
3
Alarms level 1
0
Alarms level 2
0
24-hour alarms
1 L1
0 L2
Room 1
0 µSv/h
Room 2
0.21 µSv/h
Survey meter
0 µSv/h
Desk
0 µSv/h
In this tab, there is only an overview of ambient dosimeters, radiation survey meters and portal monitors.


Rium Web - Sensors
https://demo.app.icohup.com/frontoffice/board/ambient
Rium Web
Front office
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Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Overview
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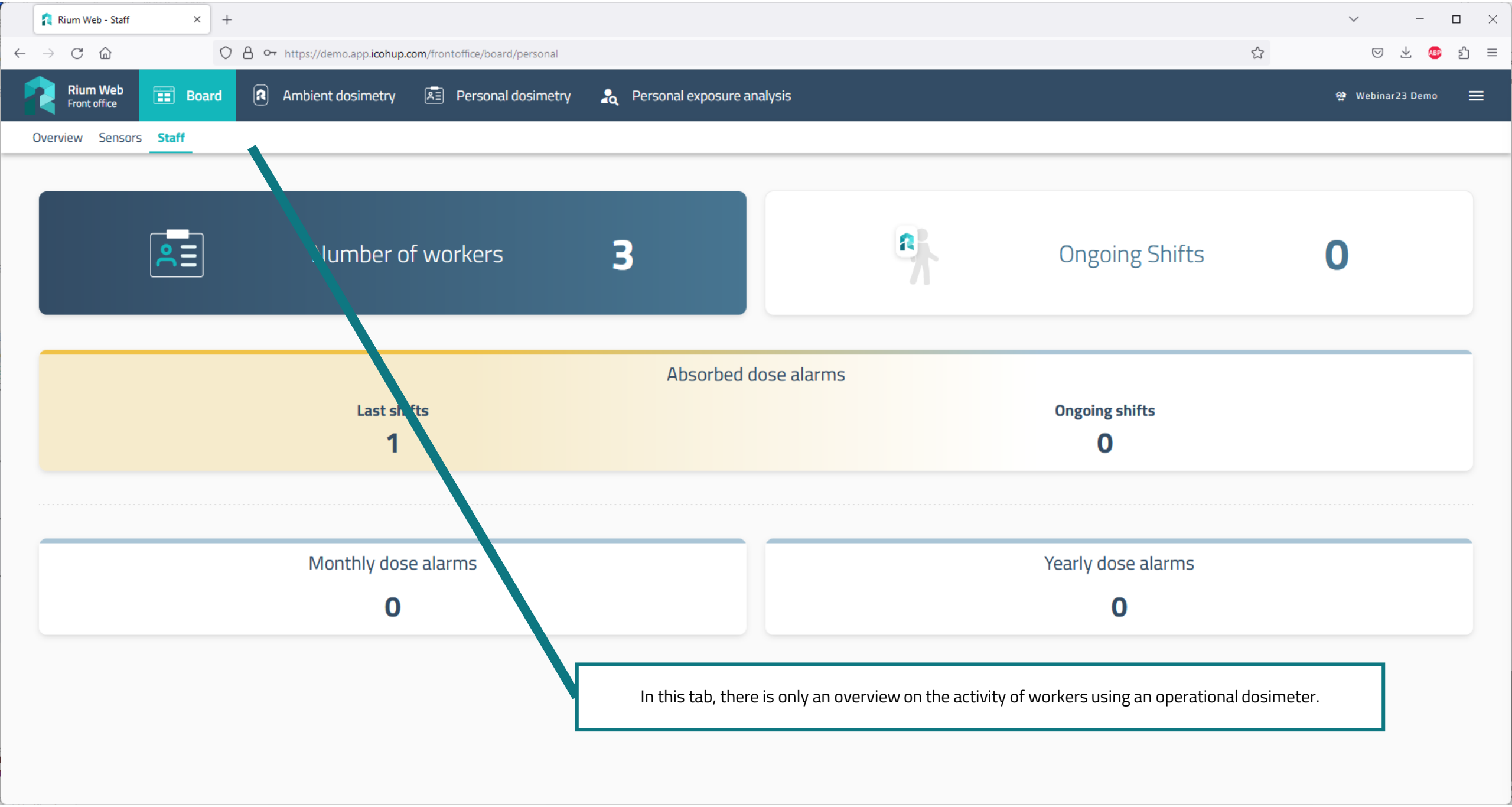
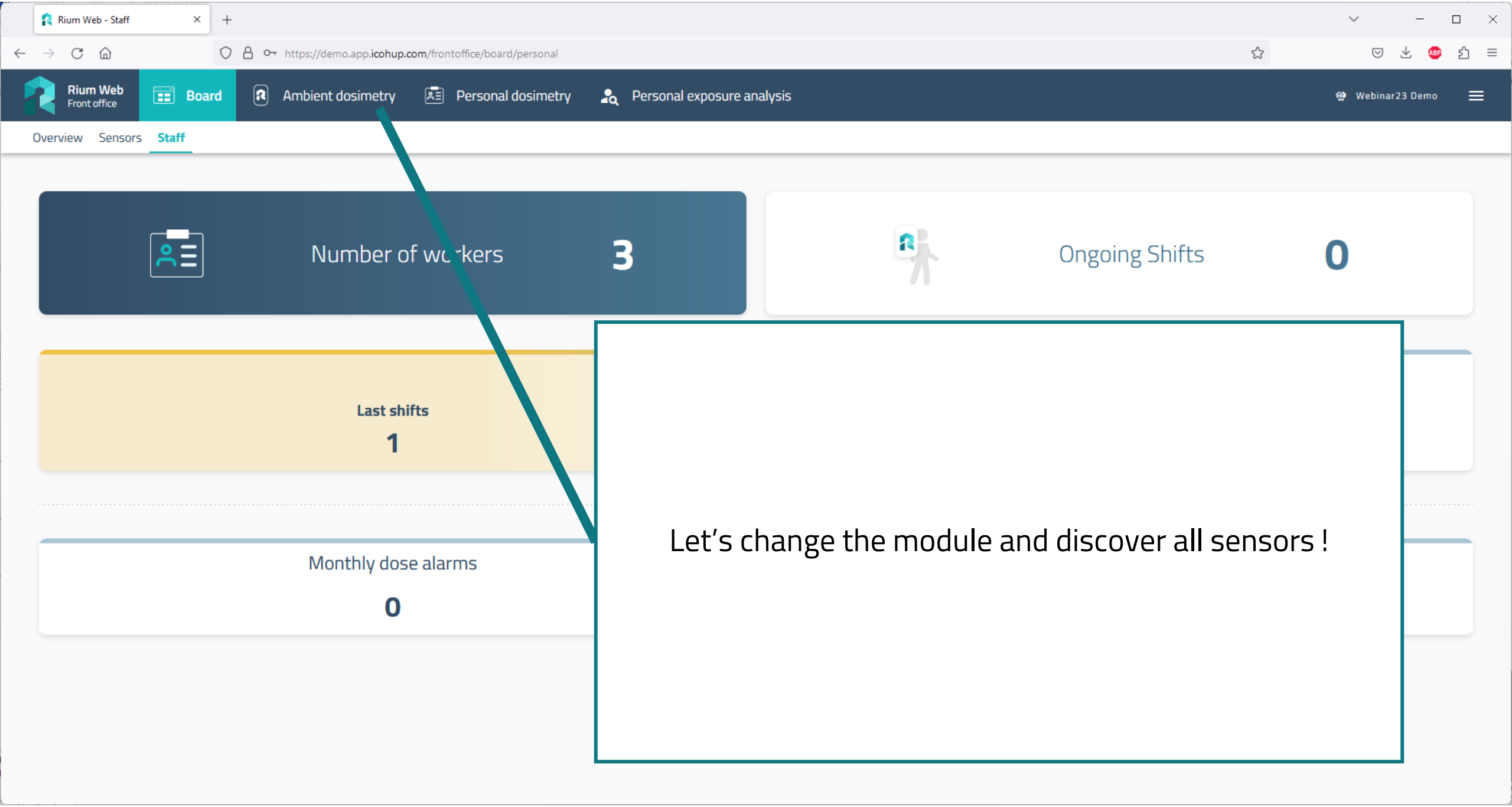
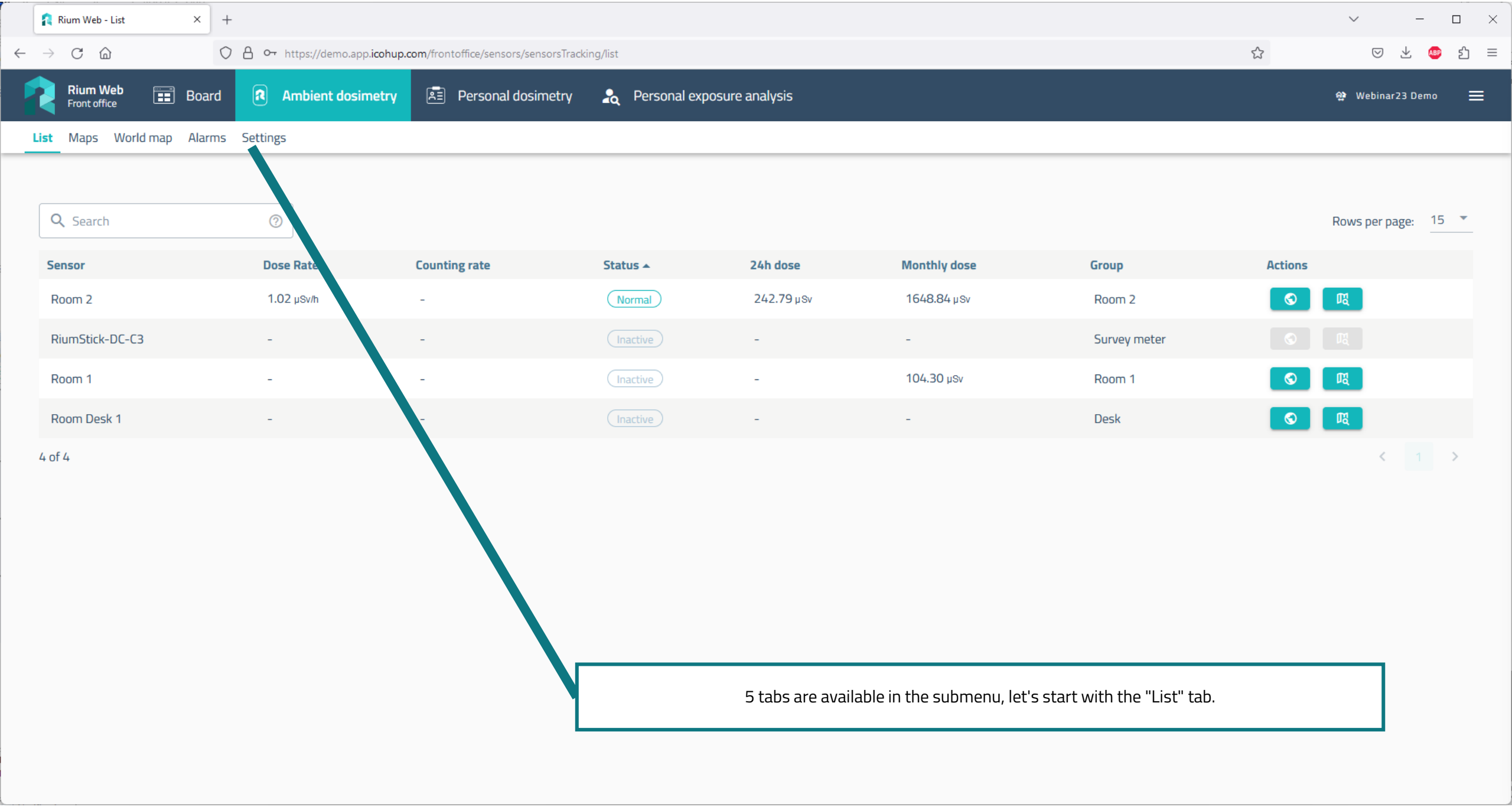
Staff
Fleet sensors
4
Inactive sensors
3
Alarms level 1
0
Alarms level 2
0
24-hour alarms
1 L1
0 L2
Room 1
0 µSv/h
Room 2
0.21 µSv/h
Survey meter
0 µSv/h
Desk
0 µSv/h
The sensor groups, which can be set by the user, are listed here.
This is the instant average value per sensor group. The data is displayed either in dose rate or in counts per second. Switching from one to the other is possible by clicking on the ●○.


Rium Web - Staff
https://demo.app.icohup.com/frontoffice/board/personal
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Overview
Sensors
Staff
Number of workers
3
Ongoing Shifts
0
Absorbed dose alarms
Last shifts
1
Ongoing shifts
0
Monthly dose alarms
0
Yearly dose alarms
0
In this tab, there is only an overview on the activity of workers using an operational dosimeter.

“Sensors” module


Rium Web - Staff
https://demo.app.icohup.com/frontoffice/board/personal
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Overview
Sensors
Staff
Number of workers
3
Ongoing Shifts
0
Last shifts
1
Monthly dose alarms
0
Let’s change the module and discover all sensors !


Rium Web - List
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/list
Rium Web
Front office
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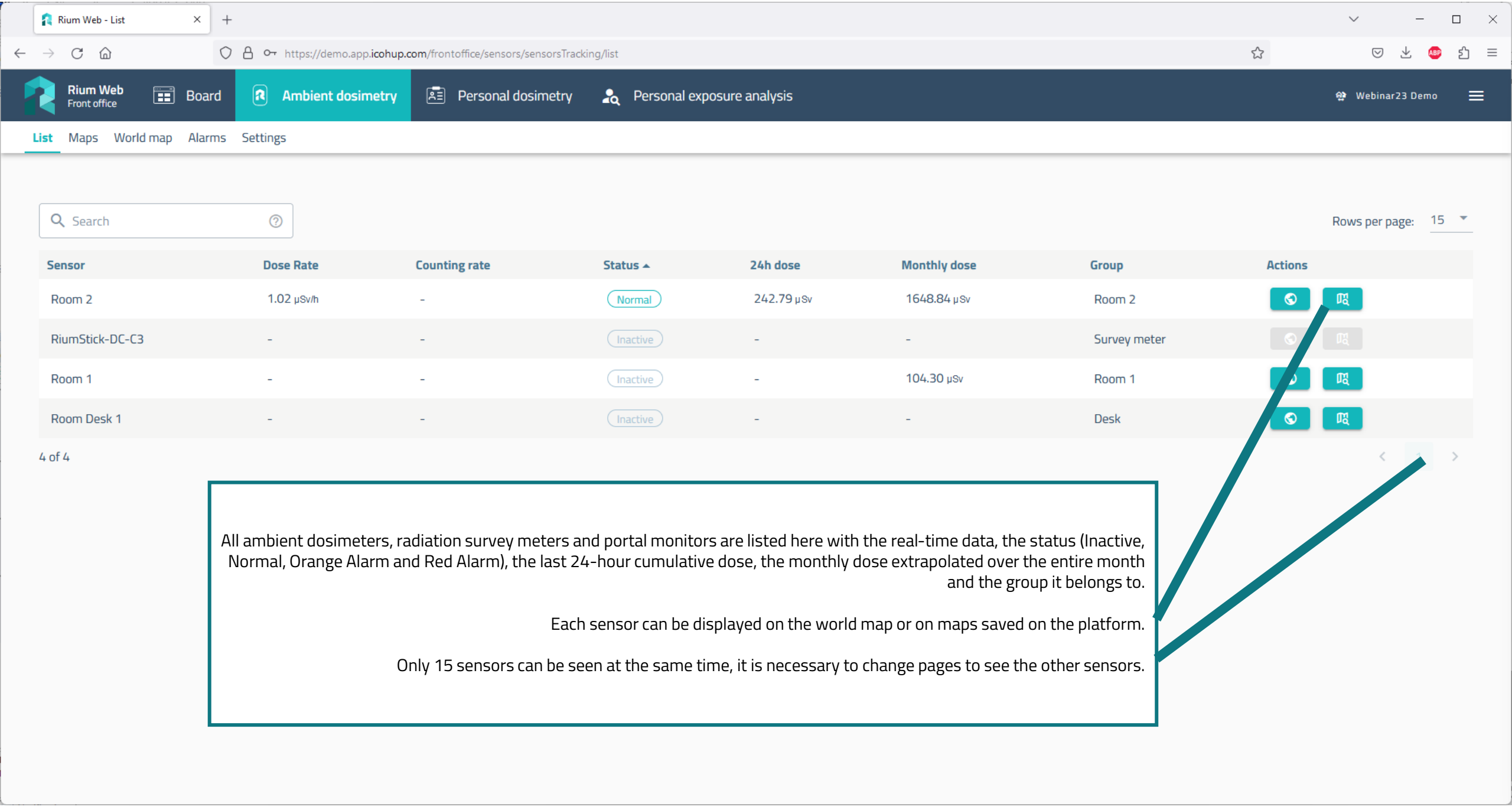
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Search
Rows per page: 15
Sensor
Dose Rate
Counting rate
Status
24h dose
Monthly dose
Group
Actions
Room 2
1.02 µSv/h
-
Normal
242.79 µSv
1648.84 µSv
Room 2
RiumStick-DC-C3
-
-
Inactive
-
-
Survey meter
Room 1
-
-
Inactive
-
104.30 µSv
Room 1
Room Desk 1
-
-
Inactive
-
-
Desk
4 of 4
1
5 tabs are available in the submenu, let's start with the "List" tab.


Rium Web - List
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/list
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Front office
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Personal dosimetry
Personal exposure analysis
Webinar23 Demo
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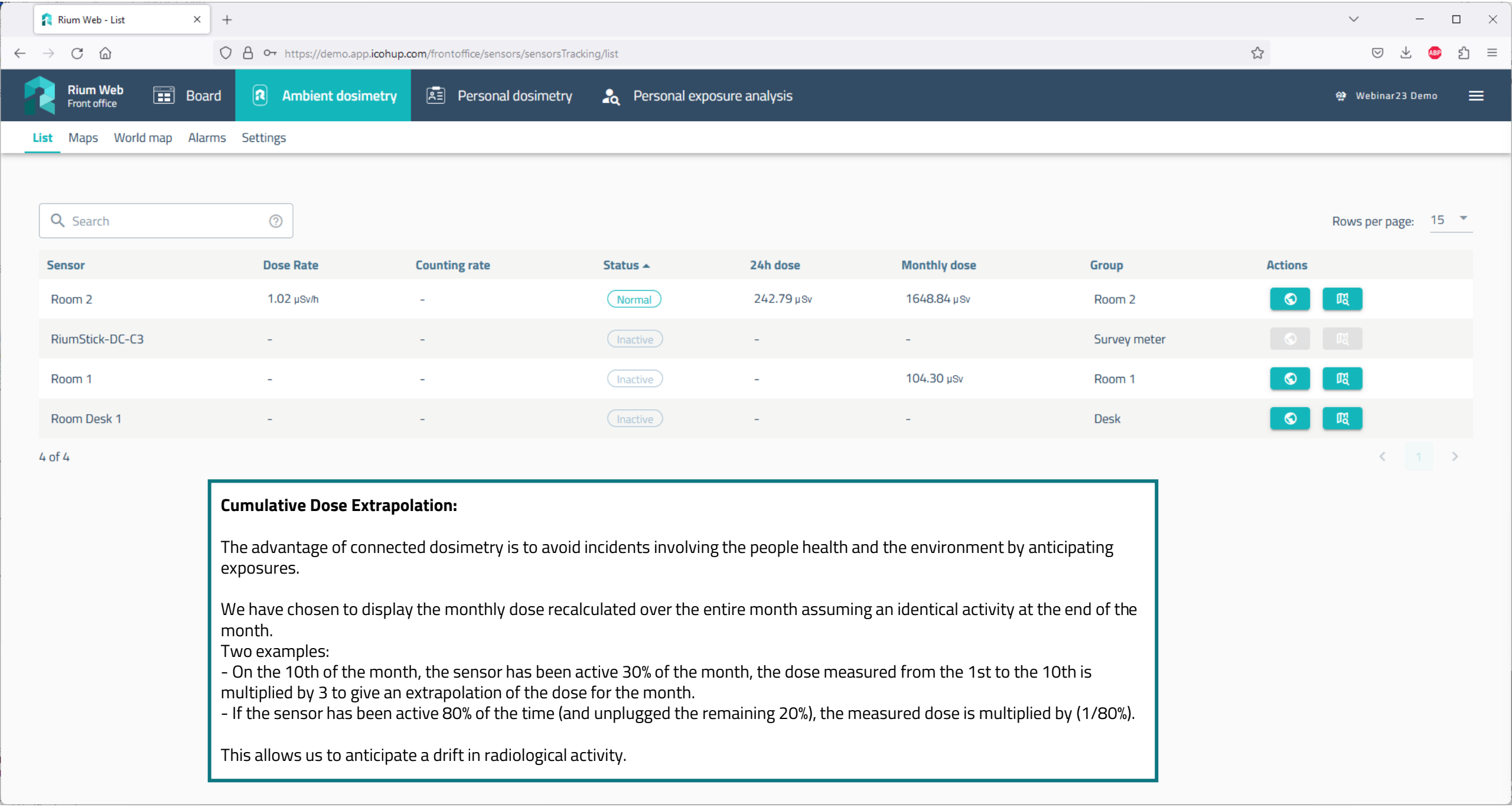
World map
Alarms
Settings
Search
Rows per page: 15
Sensor
Dose Rate
Counting rate
Status
24h dose
Monthly dose
Group
Actions
Room 2
1.02 µSv/h
-
Normal
242.79 µSv
1648.84 µSv
Room 2
RiumStick-DC-C3
-
-
Inactive
-
-
Survey meter
Room 1
-
-
Inactive
-
104.30 µSv
Room 1
Room Desk 1
-
-
Inactive
-
-
Desk
4 of 4
All ambient dosimeters, radiation survey meters and portal monitors are listed here with the real-time data, the status (Inactive, Normal, Orange Alarm and Red Alarm), the last 24-hour cumulative dose, the monthly dose extrapolated over the entire month and the group it belongs to.
Each sensor can be displayed on the world map or on maps saved on the platform.
Only 15 sensors can be seen at the same time, it is necessary to change pages to see the other sensors.

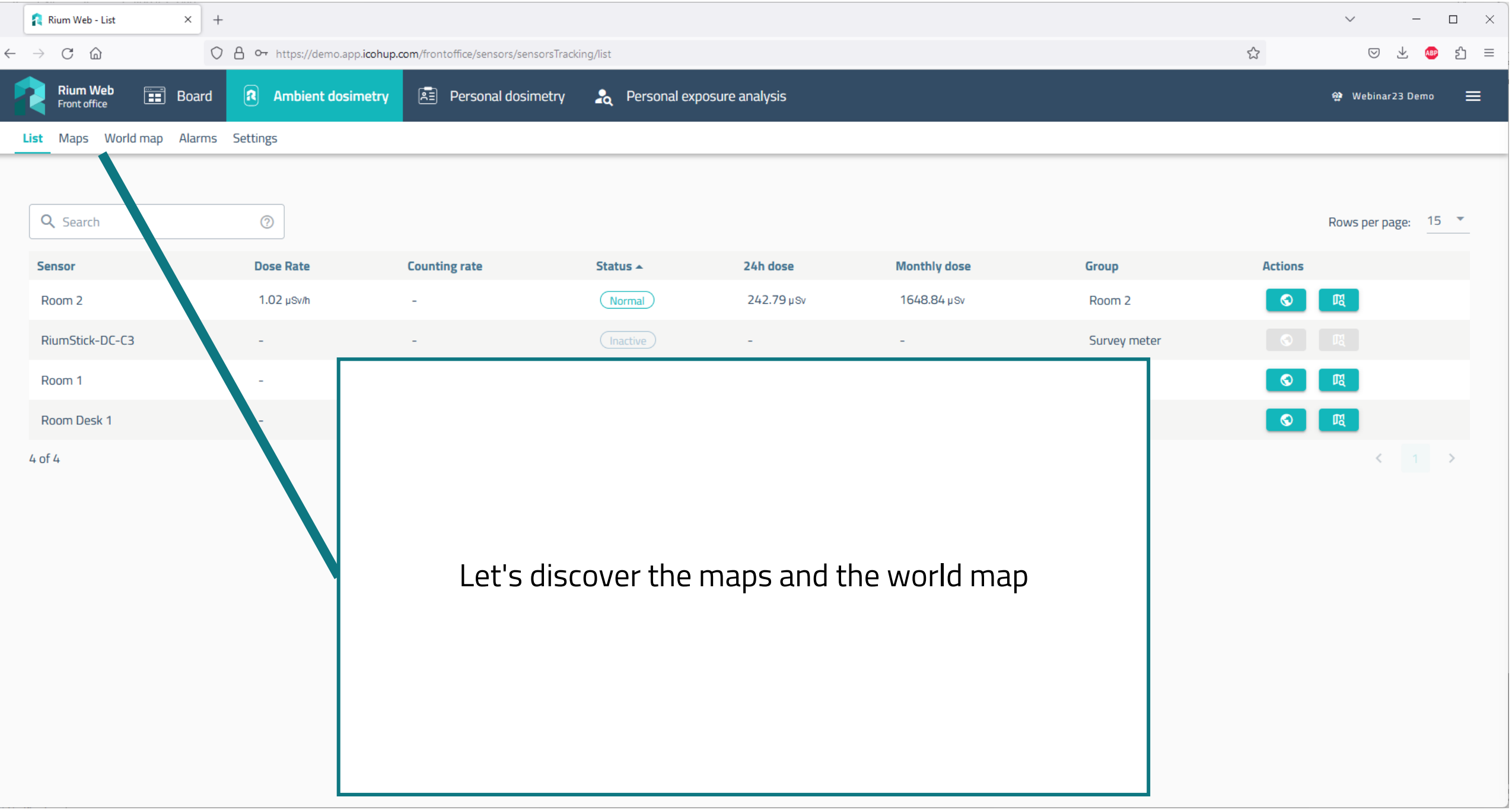


Cumulative Dose Extrapolation:

The advantage of connected dosimetry is to avoid incidents involving the people health and the environment by anticipating exposures.

We have chosen to display the monthly dose recalculated over the entire month assuming an identical activity at the end of the month.
Two examples:
- On the 10th of the month, the sensor has been active 30% of the month, the dose measured from the 1st to the 10th is multiplied by 3 to give an extrapolation of the dose for the month.
- If the sensor has been active 80% of the time (and unplugged the remaining 20%), the measured dose is multiplied by (1/80%).

This allows us to anticipate a drift in radiological activity.


Rium Web - List
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/list
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Personal dosimetry
Personal exposure analysis
Webinar23 Demo
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Alarms
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Search
Rows per page: 15
Sensor
Dose Rate
Counting rate
Status
24h dose
Monthly dose
Group
Actions
Room 2
1.02 µSv/h
-
Normal
242.79 µSv
1648.84 µSv
Room 2
RiumStick-DC-C3
-
-
Inactive
-
-
Survey meter
Room 1
-
Room Desk 1
-
4 of 4
1
Let's discover the maps and the world map

Rium Web - Maps

https://demo.app.icohup.com/frontoffice/sensors/clientMaps

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

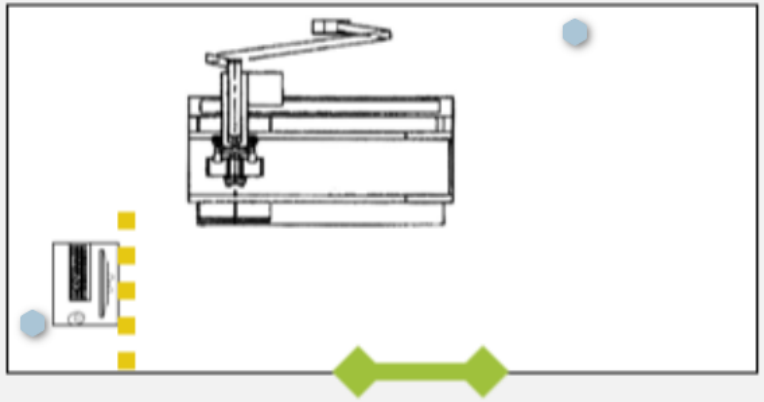
List | Maps | World map | Alarms | Settings

Map list: Webinar23 Demo Map

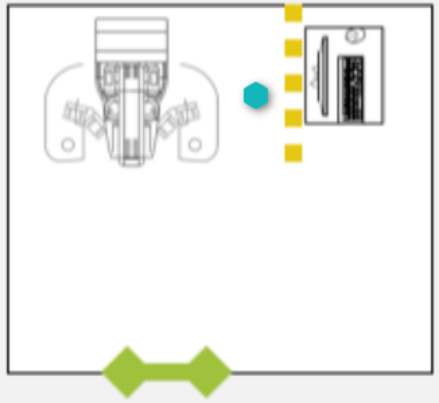
Several maps may be available (rooms, buildings,...)

Légende :
- Paravents
- Portes

Salle 1



Salle 2



Rium Web - Maps

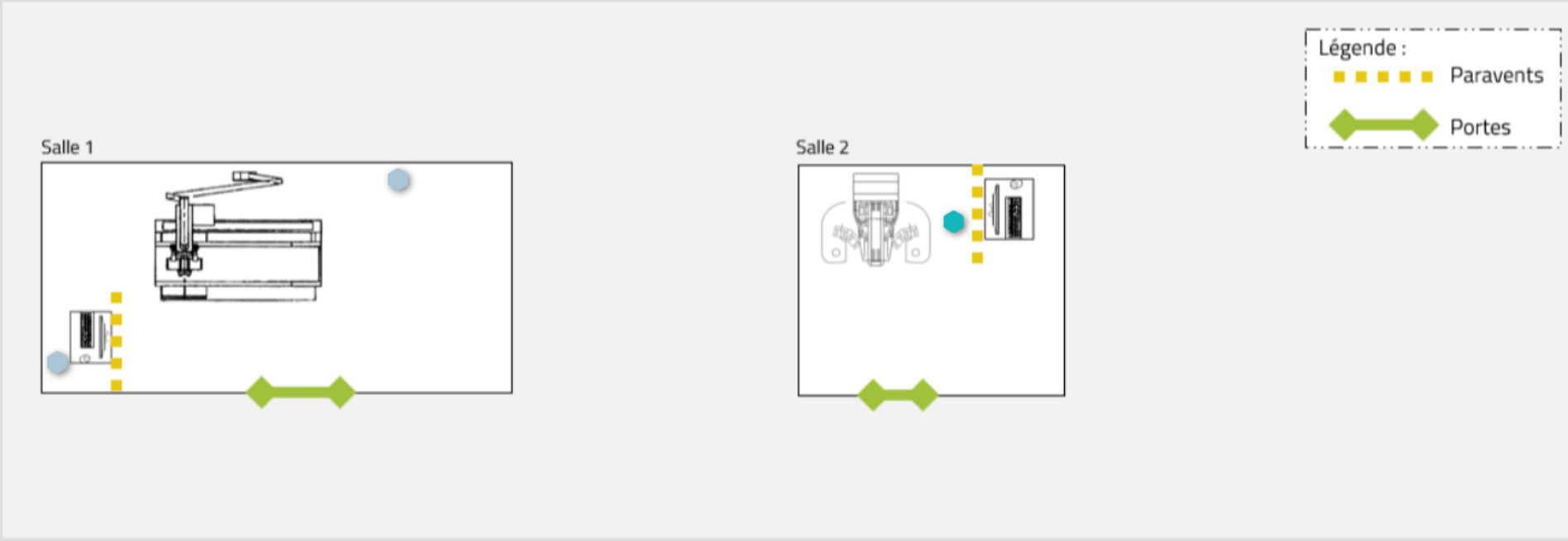
https://demo.app.icohup.com/frontoffice/sensors/clientMaps

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

List | Maps | World map | Alarms | Settings

Map list: Webinar23 Demo Map

Maps are images provided by the client or the installer. There are no limitation on the graphic charter or symbols.



Rium Web - Maps

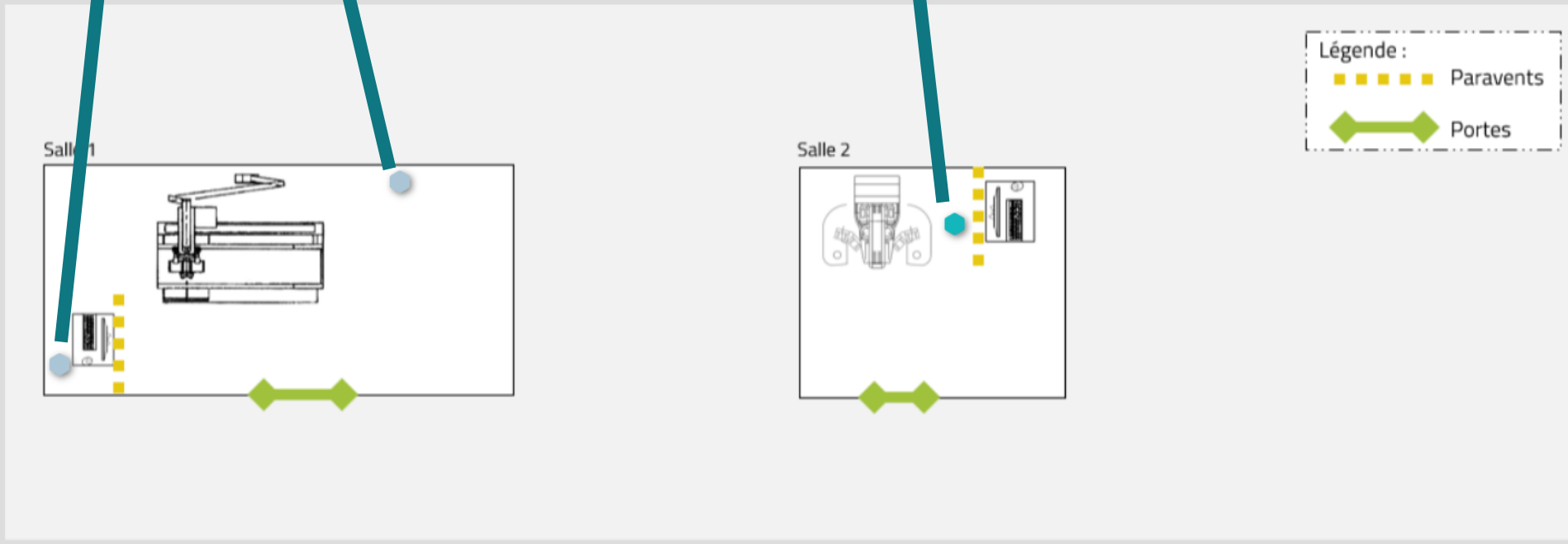
https://demo.app.icohup.com/frontoffice/sensors/clientMaps

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

List | Maps | World map | Alarms | Settings

Map list: Webinar23 Demo Map

All sensors are represented by these hexagons, blue when the sensor is active, gray when it is inactive.



Rium Web - Maps

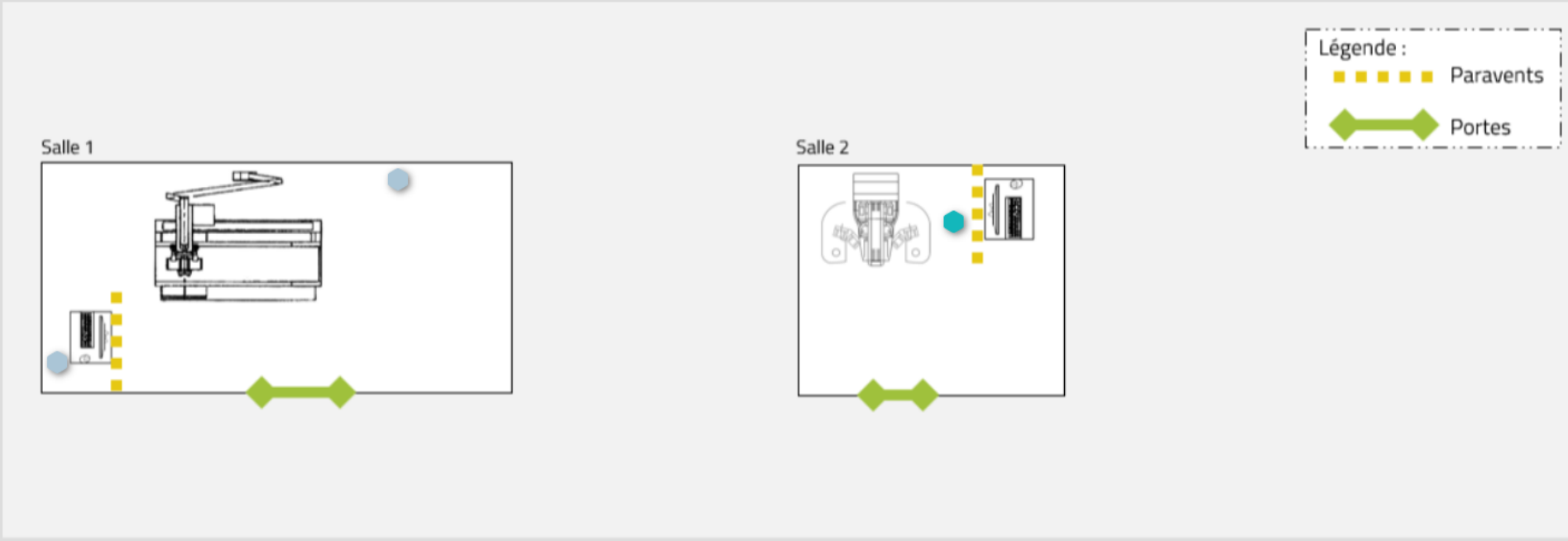
https://demo.app.icohup.com/frontoffice/sensors/clientMaps

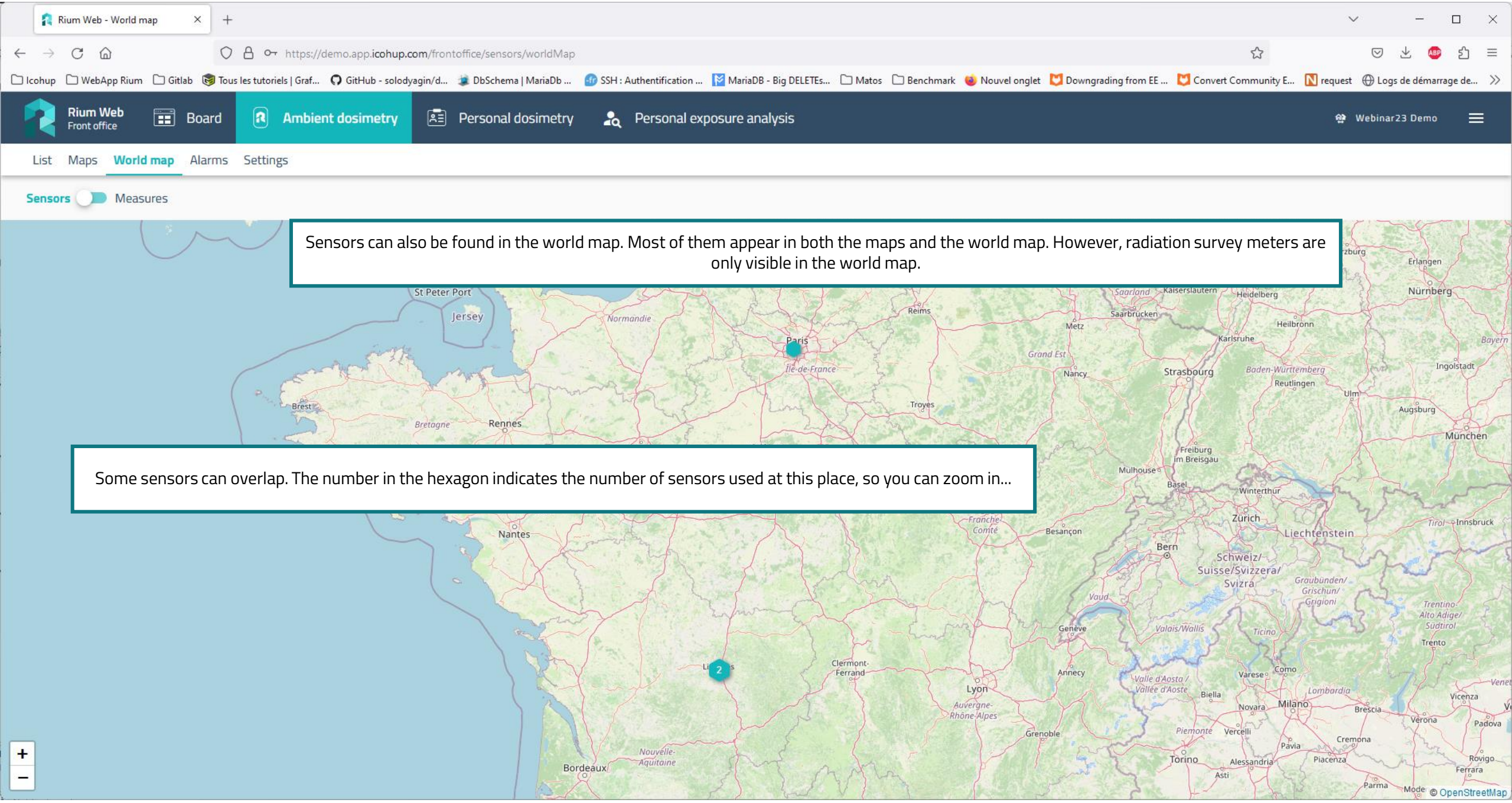
Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

List | Maps | World map | Alarms | Settings

Map list: Webinar23 Demo Map

Let's move on to the world map




Rium Web - World map
https://demo.app.icohup.com/frontoffice/sensors/worldMap
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Personal exposure analysis
Webinar23 Demo
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Maps
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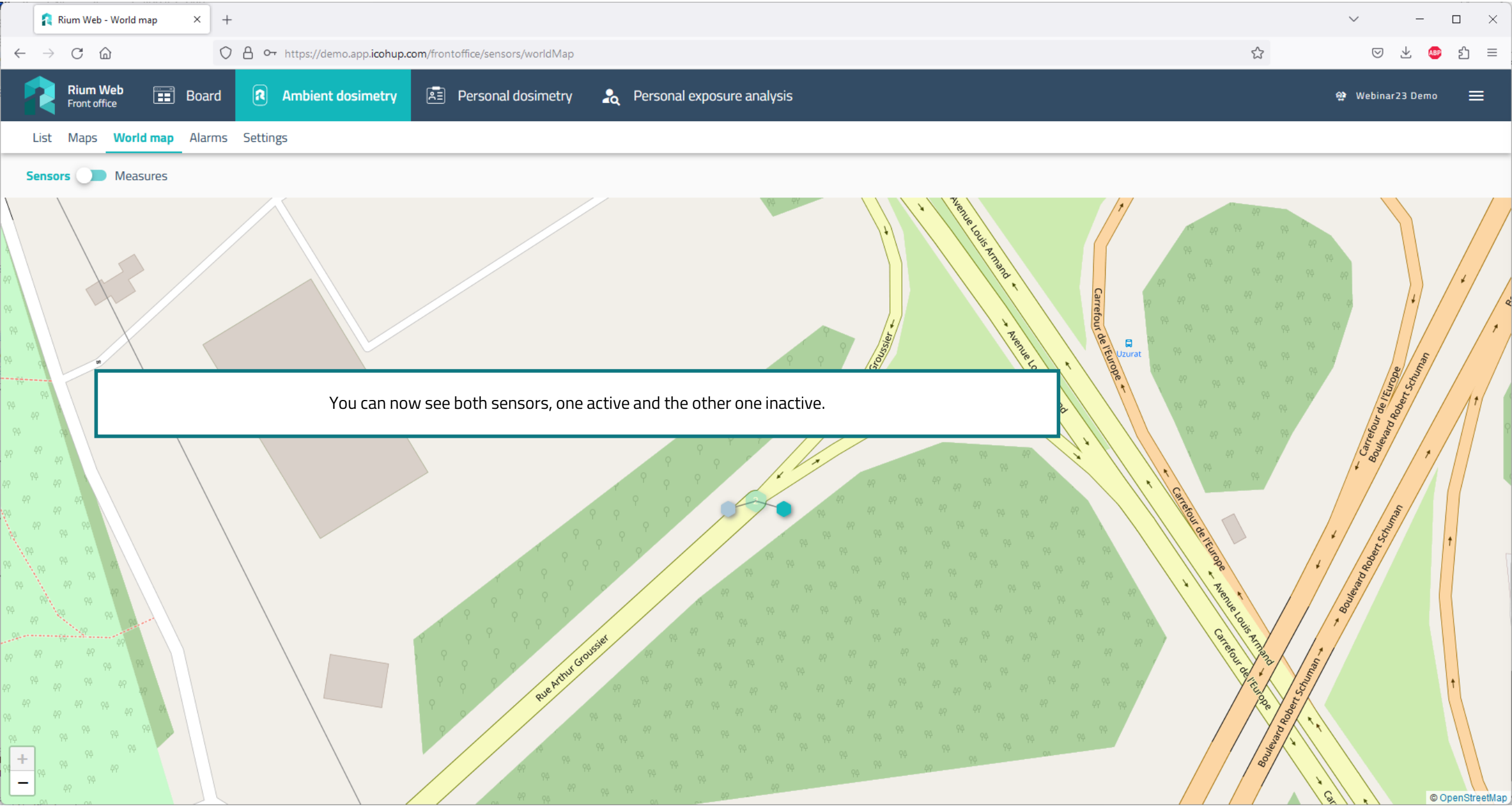
Sensors
Measures
Sensors can also be found in the world map. Most of them appear in both the maps and the world map. However, radiation survey meters are only visible in the world map.
Some sensors can overlap. The number in the hexagon indicates the number of sensors used at this place, so you can zoom in...
2
© OpenStreetMap


Rium Web - World map
https://demo.app.icohup.com/frontoffice/sensors/worldMap
Rium Web
Front office
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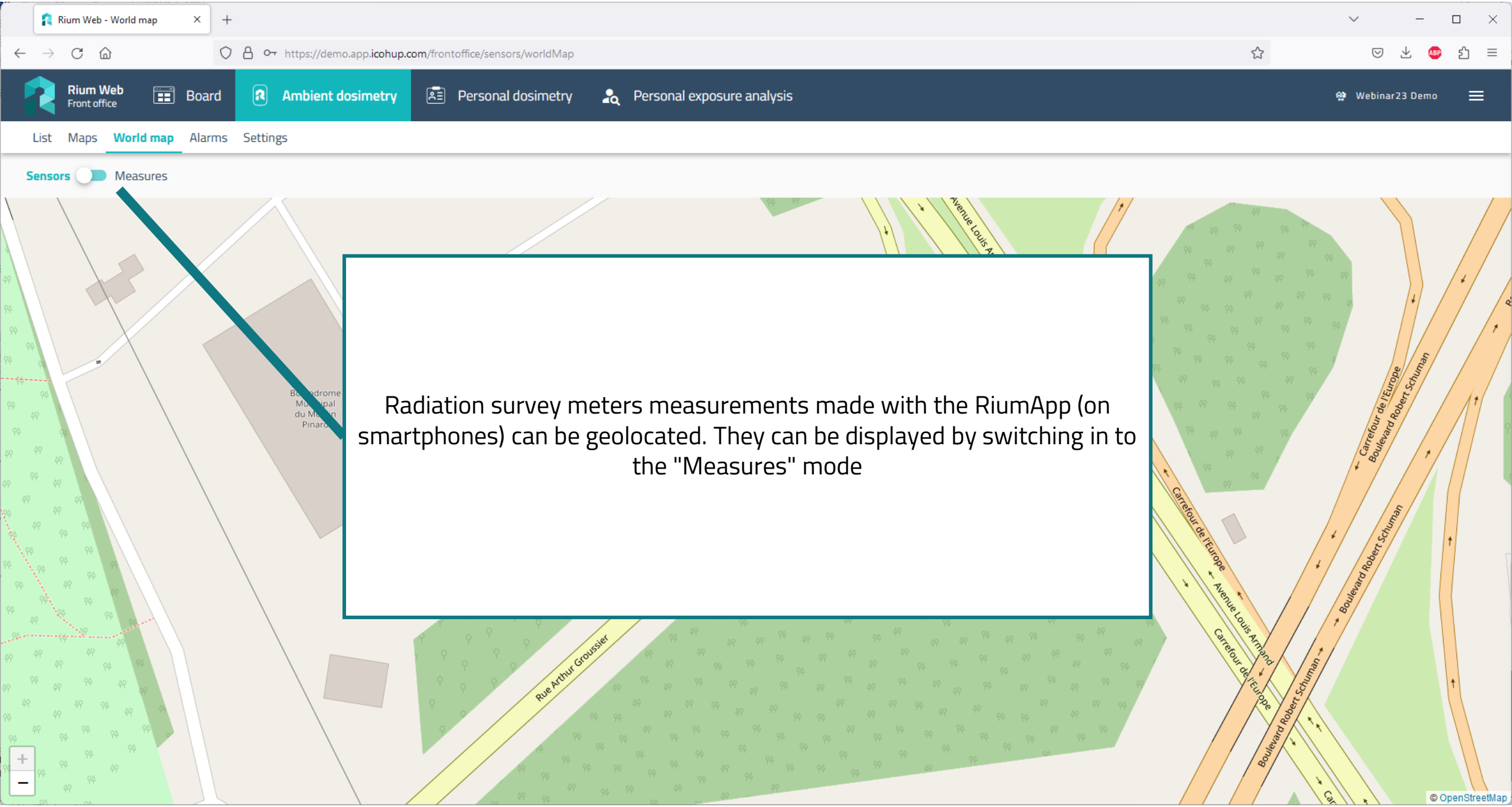
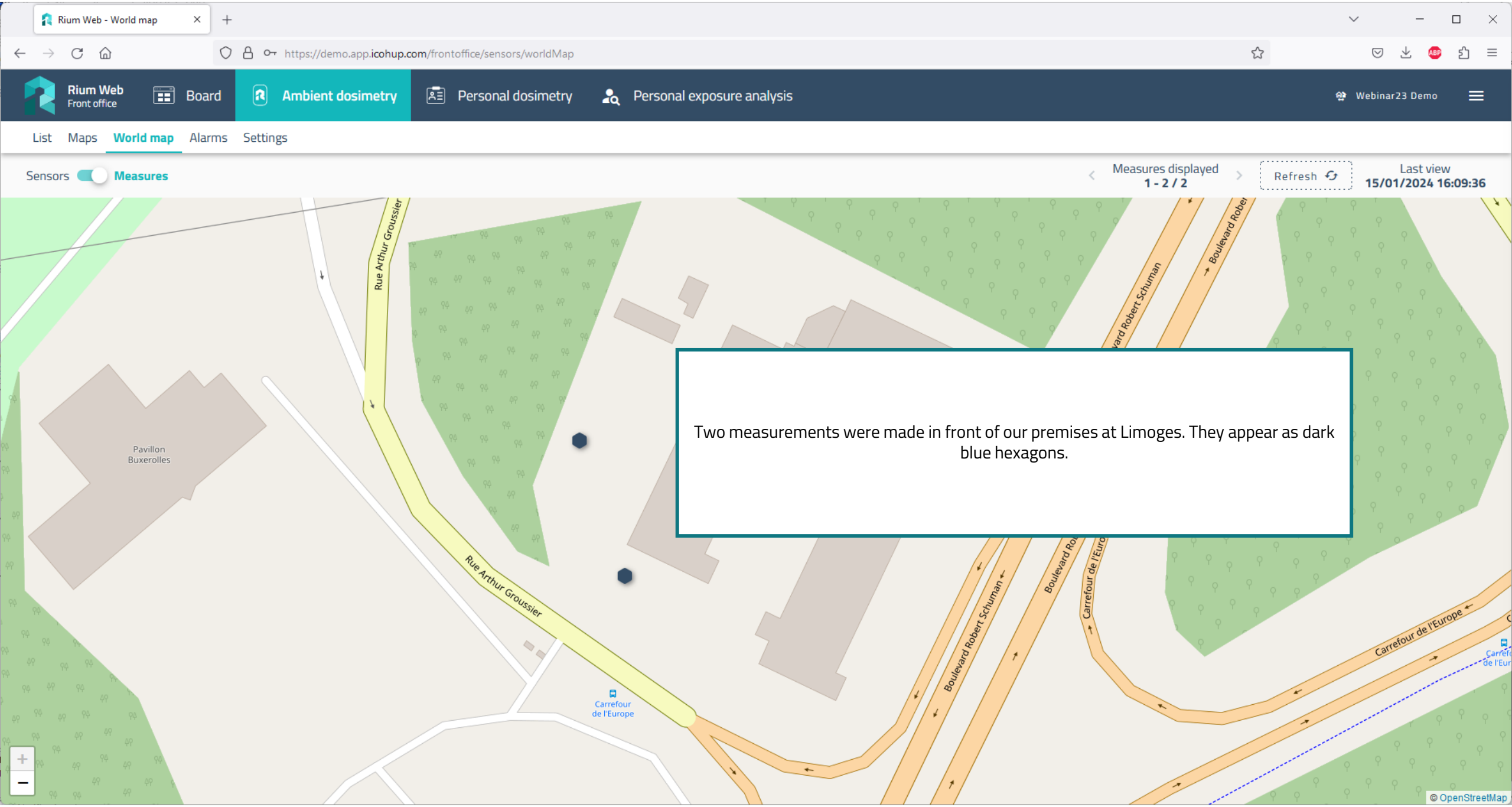
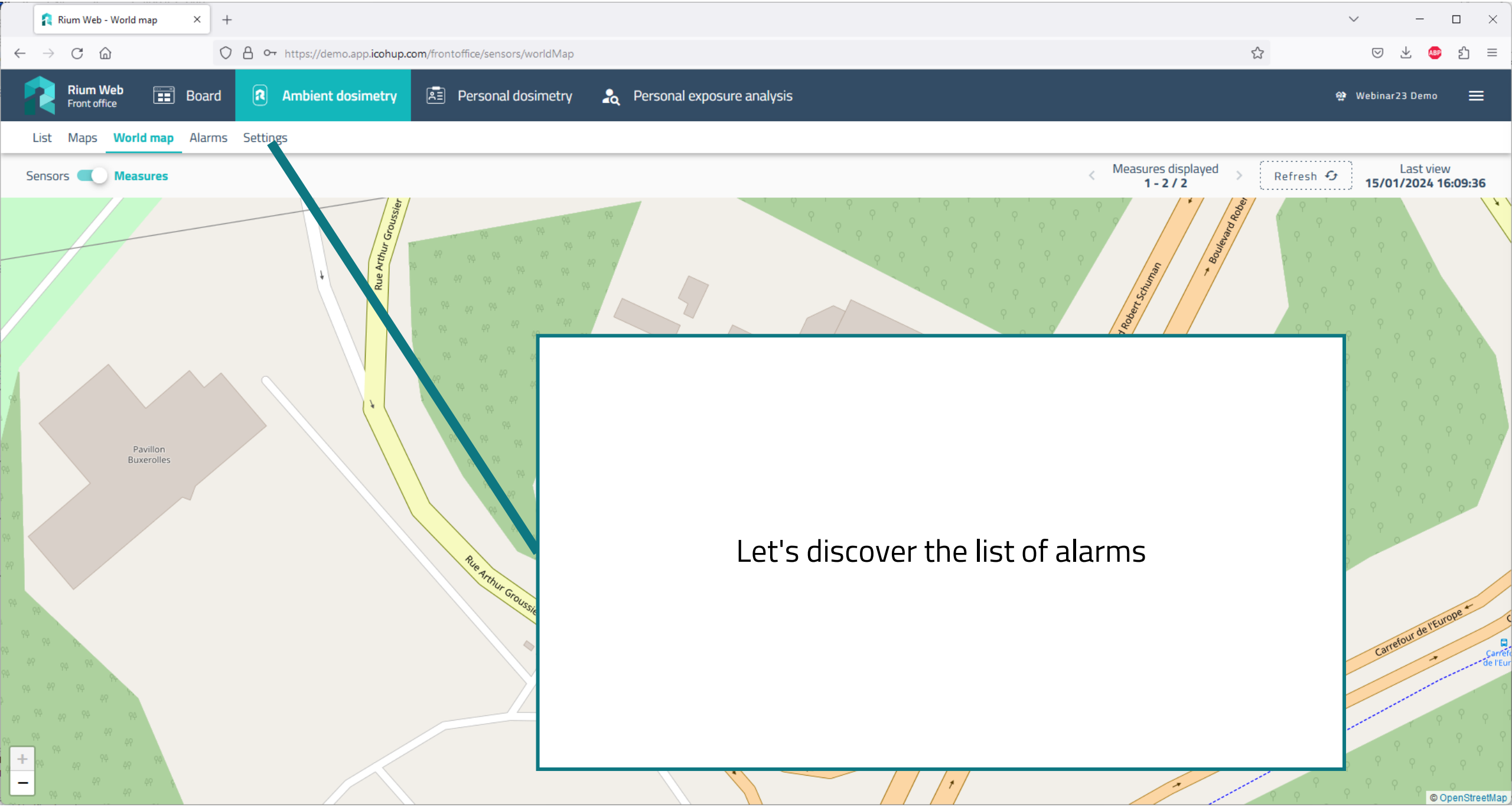
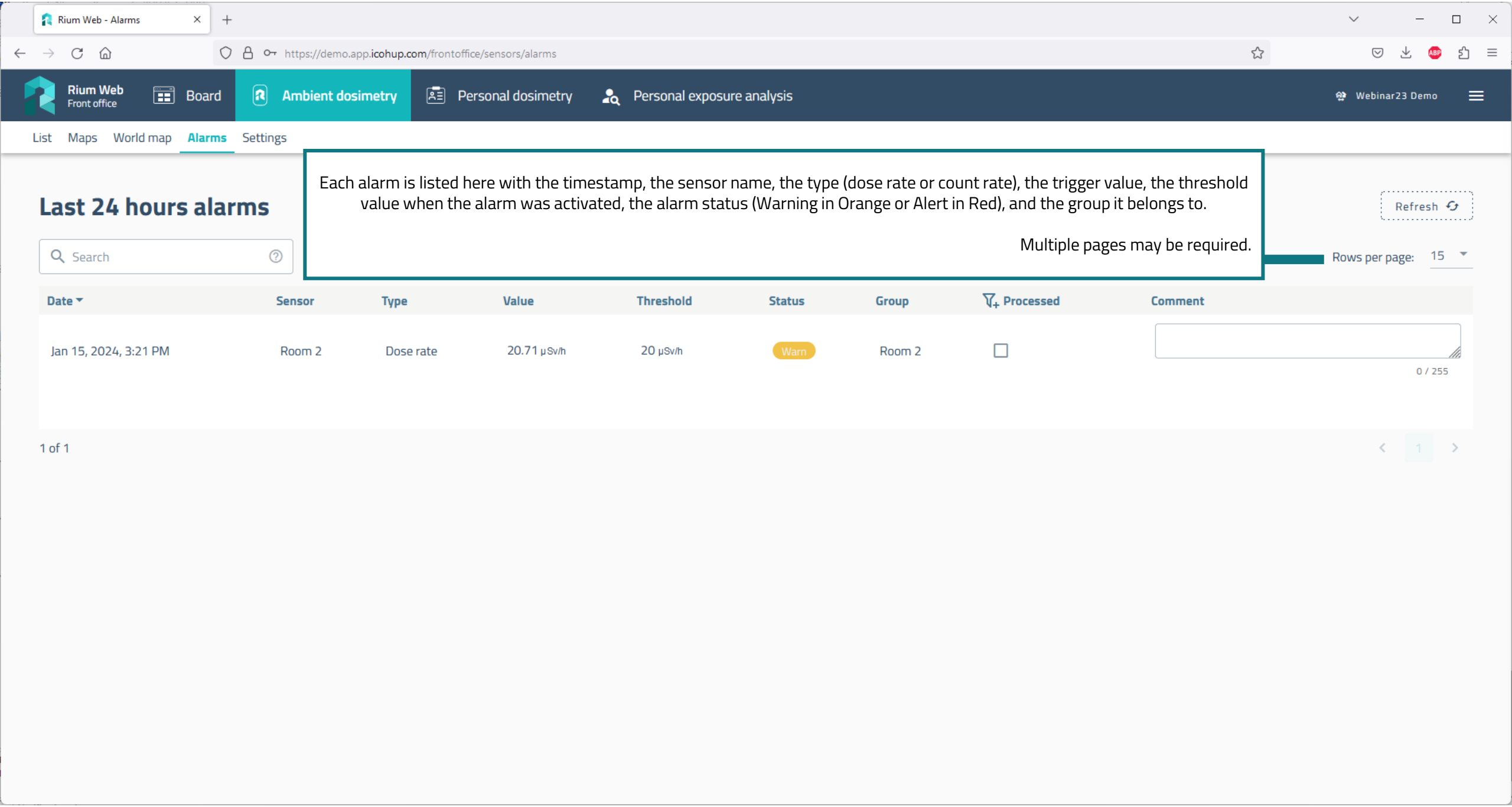
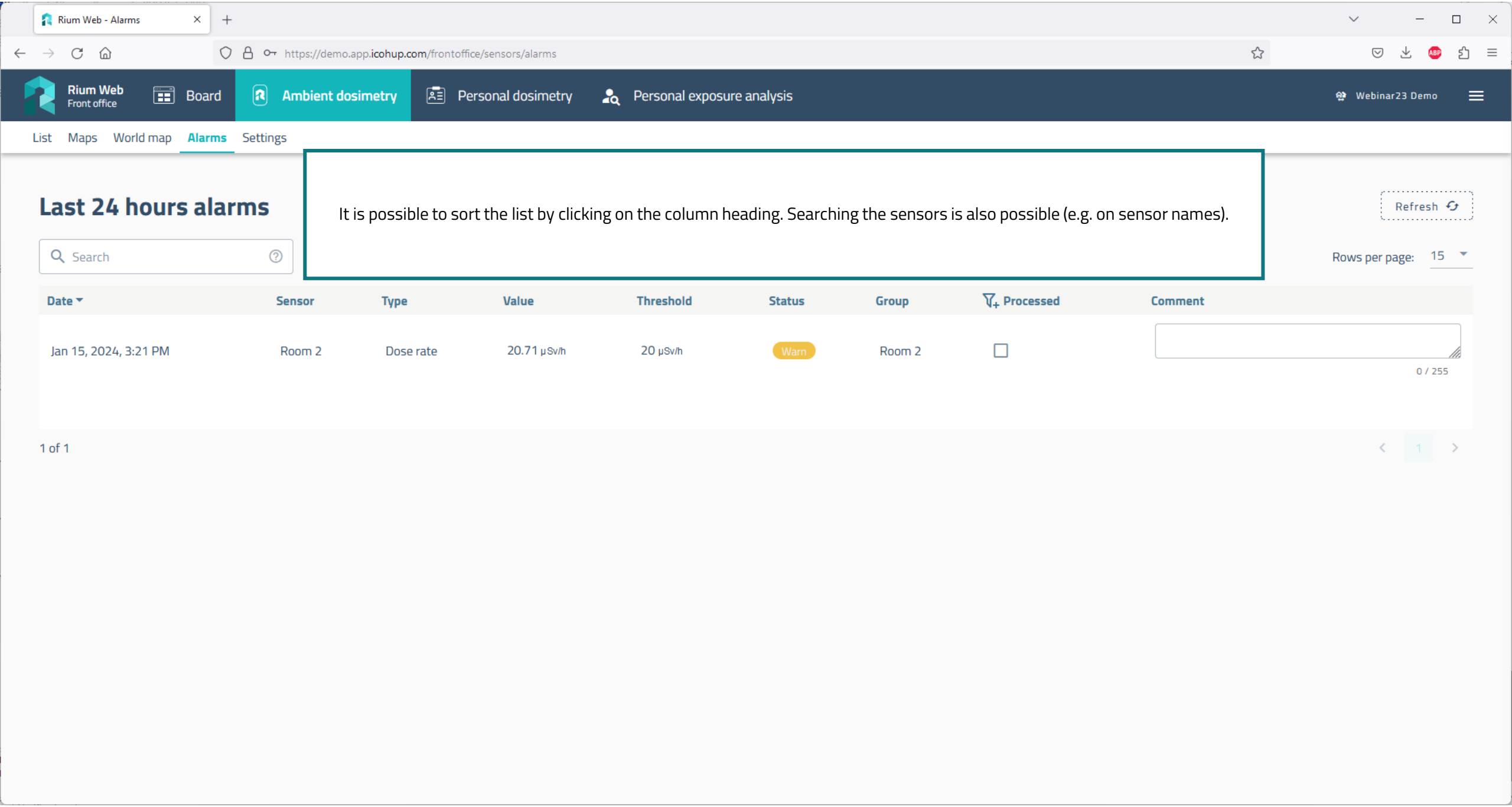
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensors
Measures
You can now see both sensors, one active and the other one inactive.
Rue Arthur Groussier
Avenue Louis Armand
Carrefour de l'Europe
Boulevard Robert Schuman
Uzurat
© OpenStreetMap

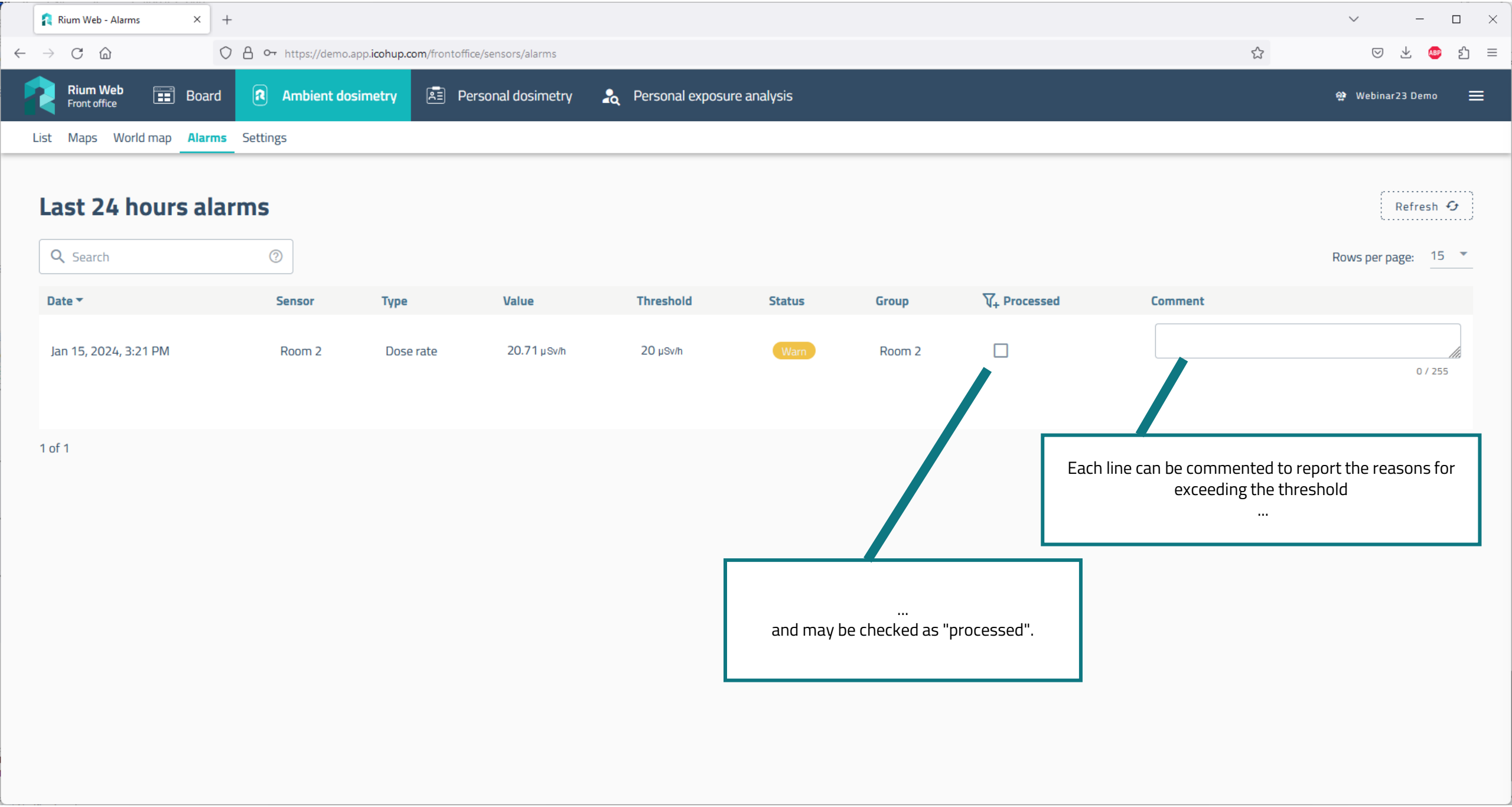

Rium Web - World map
https://demo.app.icohup.com/frontoffice/sensors/worldMap
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensors
Measures
Radiation survey meters measurements made with the RiumApp (on smartphones) can be geolocated. They can be displayed by switching in to the "Measures" mode
Avenue Louis Armand
Carrefour de l'Europe
Boulevard Robert Schuman
Rue Arthur Groussier
© OpenStreetMap

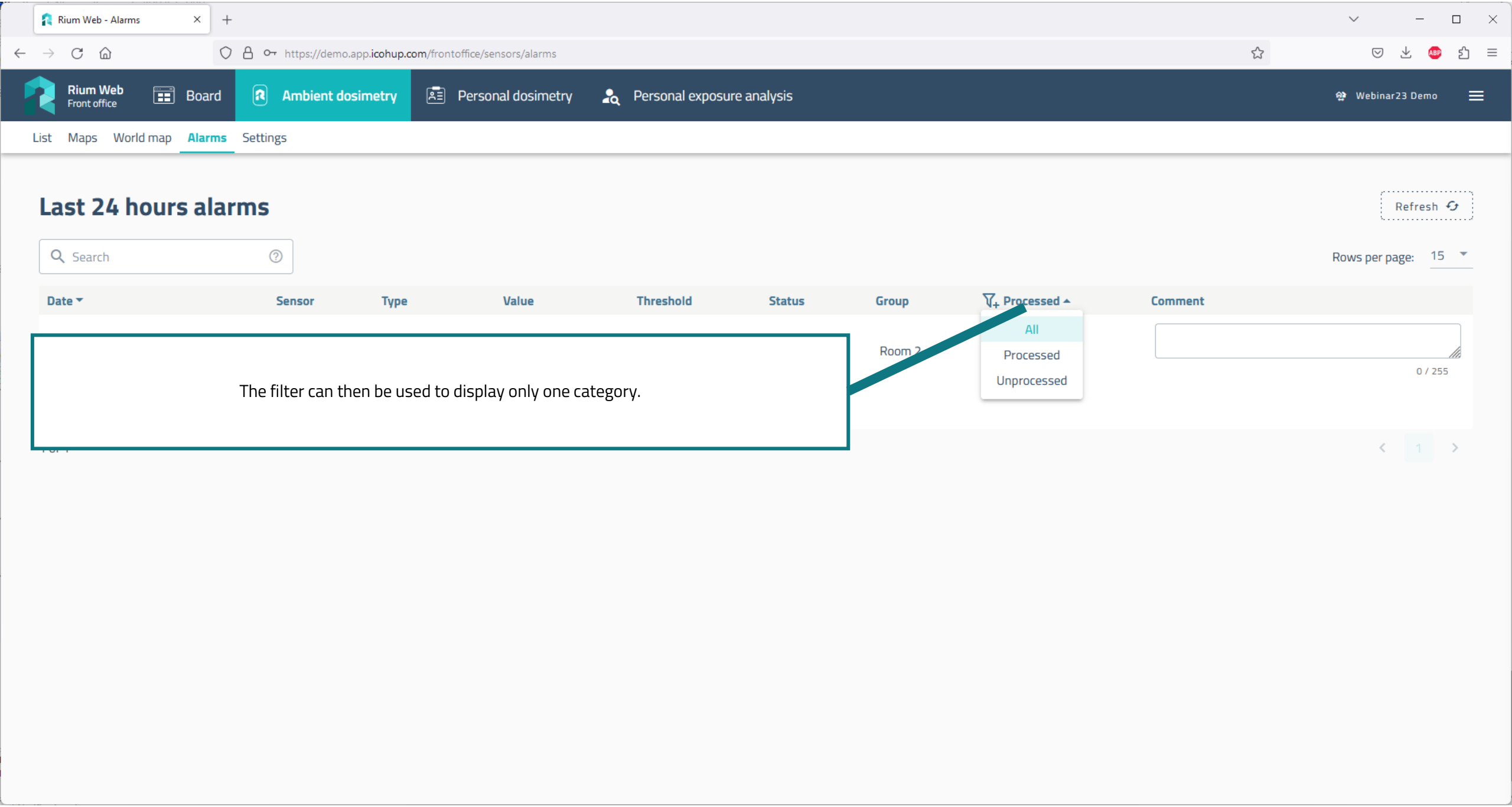

Rium Web - World map
https://demo.app.icohup.com/frontoffice/sensors/worldMap
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensors
Measures
Measures displayed
1 - 2 / 2
Refresh
Last view
15/01/2024 16:09:36
Two measurements were made in front of our premises at Limoges. They appear as dark blue hexagons.
Pavillon Buxerolles
Rue Arthur Groussier
Carrefour de l'Europe
Boulevard Robert Schuman
© OpenStreetMap

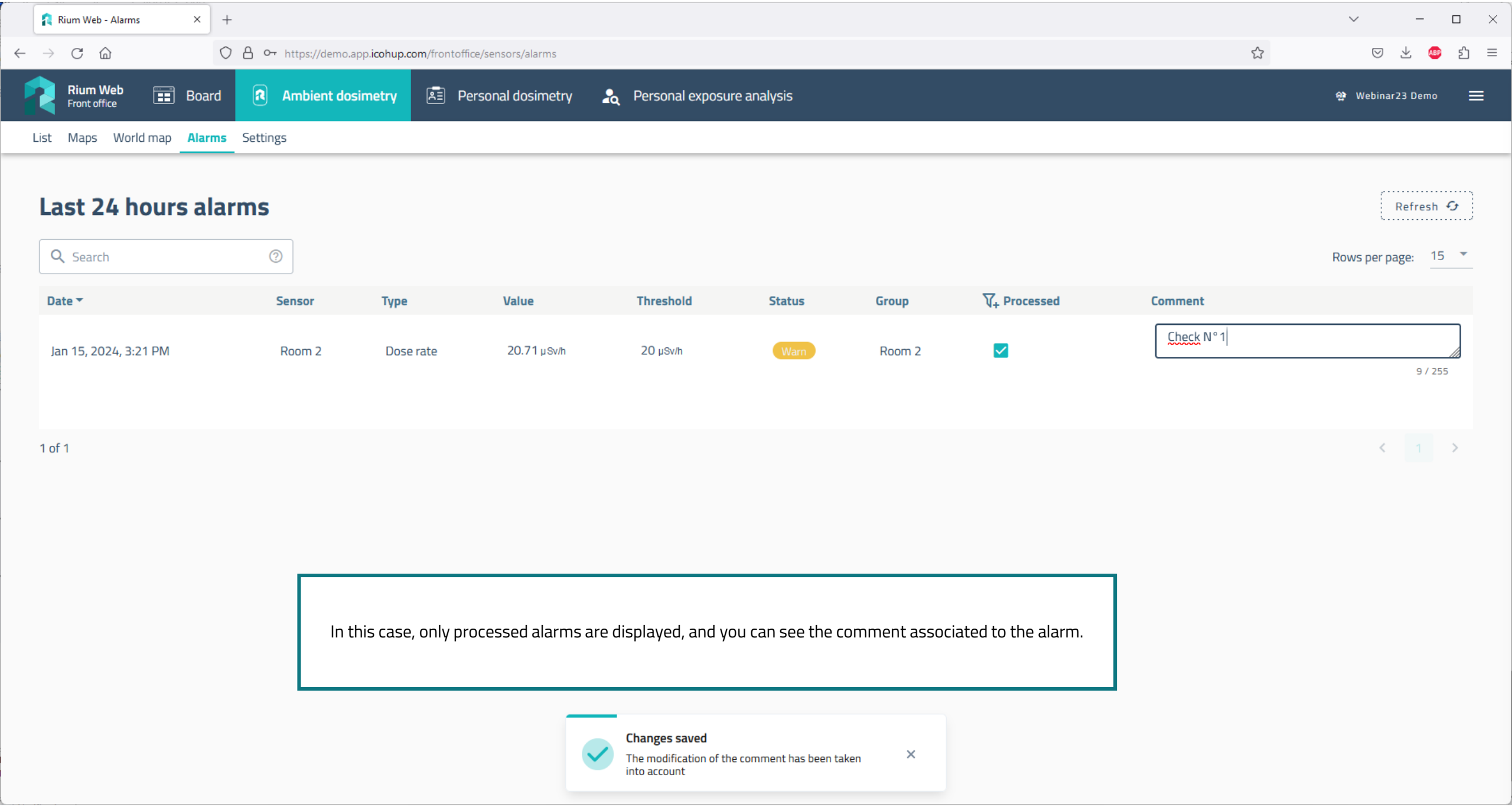

Rium Web - World map
https://demo.app.icohup.com/frontoffice/sensors/worldMap
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensors
Measures
Measures displayed
1 - 2 / 2
Refresh
Last view
15/01/2024 16:09:36
Rue Arthur Groussier
Boulevard Robert Schuman
Pavillon Buxerolles
Carrefour de l'Europe
© OpenStreetMap
Let's discover the list of alarms

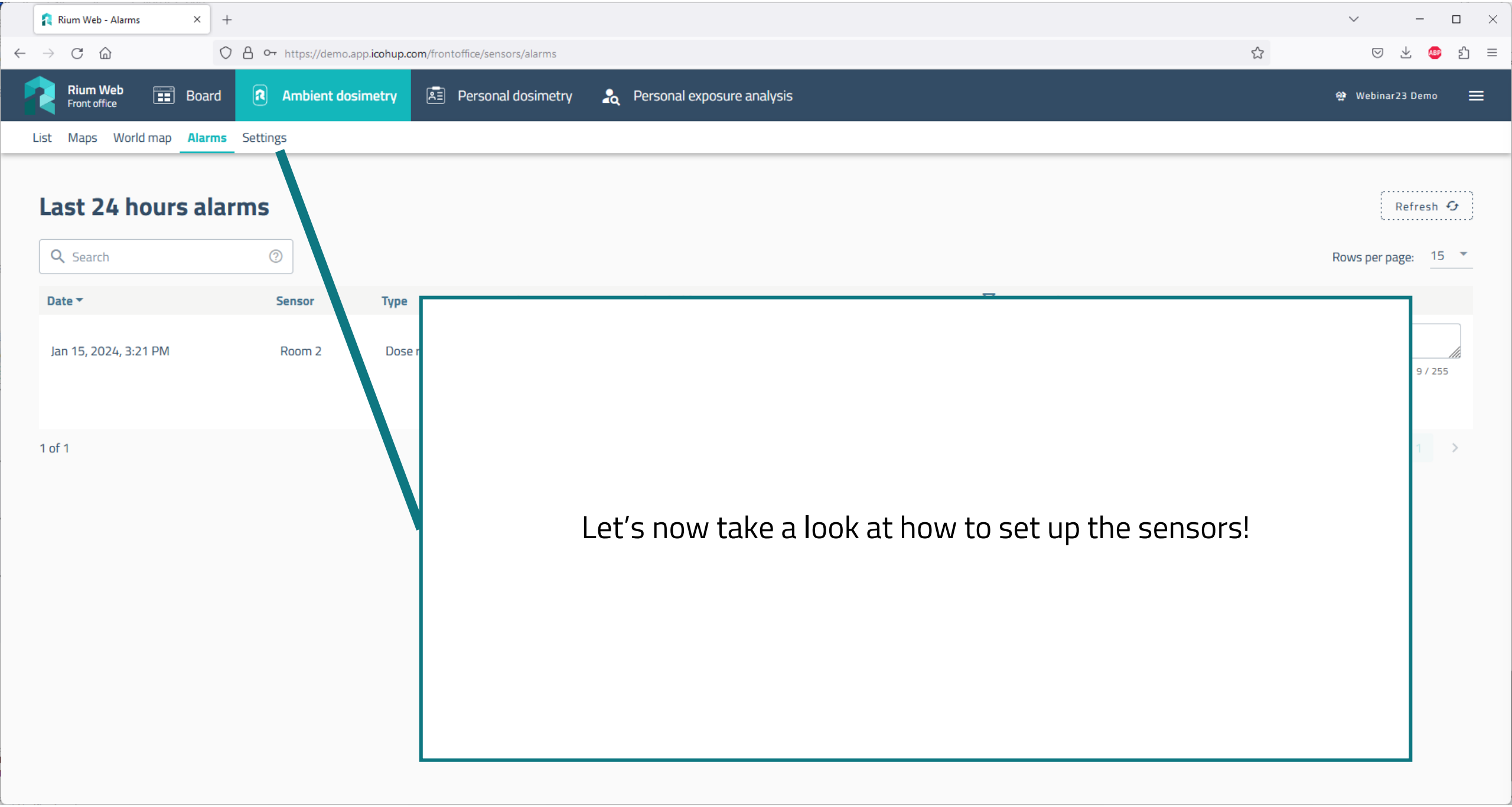

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/sensors/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Each alarm is listed here with the timestamp, the sensor name, the type (dose rate or count rate), the trigger value, the threshold value when the alarm was activated, the alarm status (Warning in Orange or Alert in Red), and the group it belongs to.
Multiple pages may be required.
Last 24 hours alarms
Refresh
Search
Rows per page: 15
Date
Sensor
Type
Value
Threshold
Status
Group
Processed
Comment
Jan 15, 2024, 3:21 PM
Room 2
Dose rate
20.71 µSv/h
20 µSv/h
Warn
Room 2
0 / 255
1 of 1
1

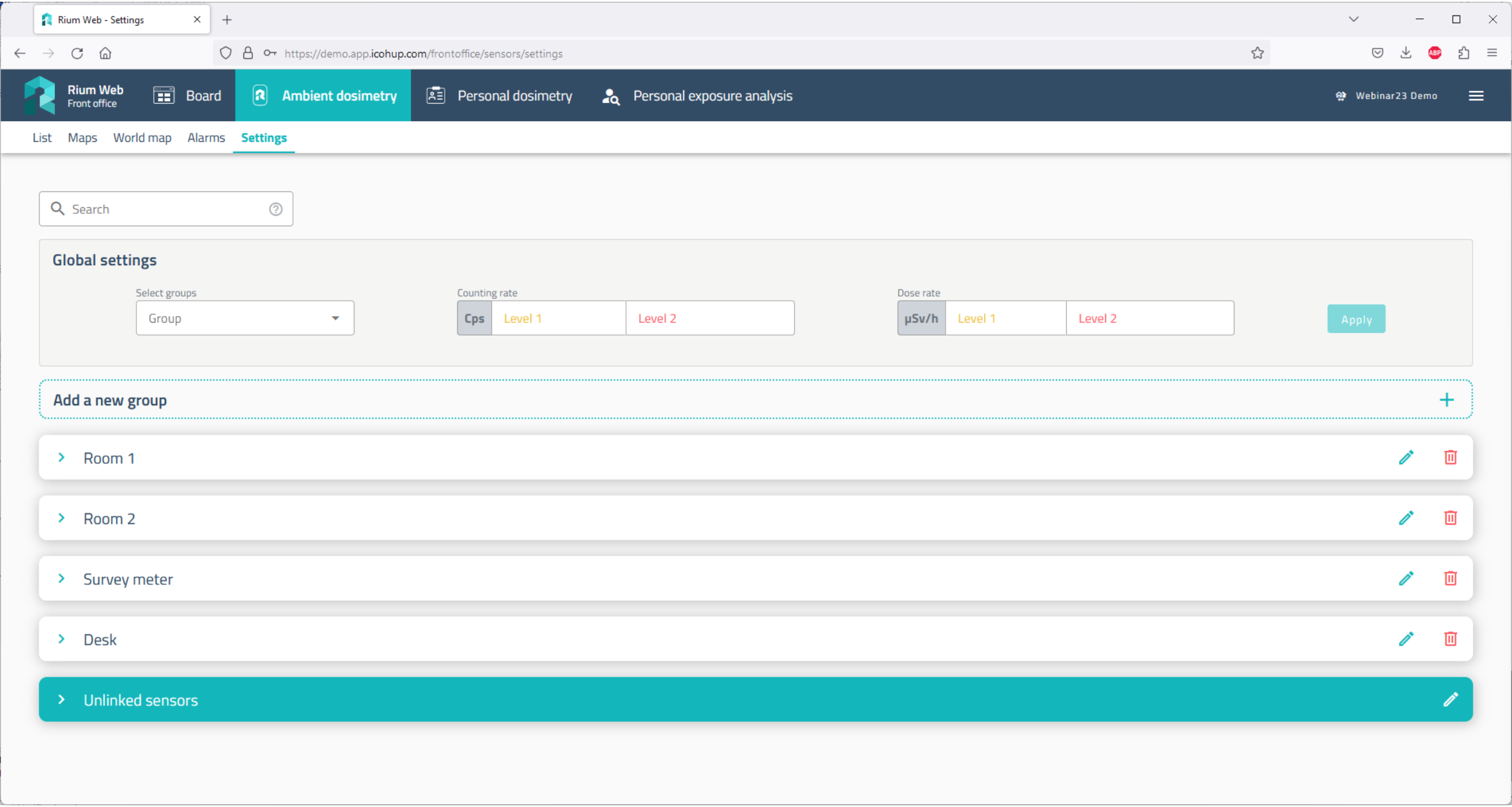

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/sensors/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Last 24 hours alarms
It is possible to sort the list by clicking on the column heading. Searching the sensors is also possible (e.g. on sensor names).
Refresh
Search
Rows per page:
15
Date
Sensor
Type
Value
Threshold
Status
Group
Processed
Comment
Jan 15, 2024, 3:21 PM
Room 2
Dose rate
20.71 µSv/h
20 µSv/h
Warn
Room 2
0 / 255
1 of 1
1

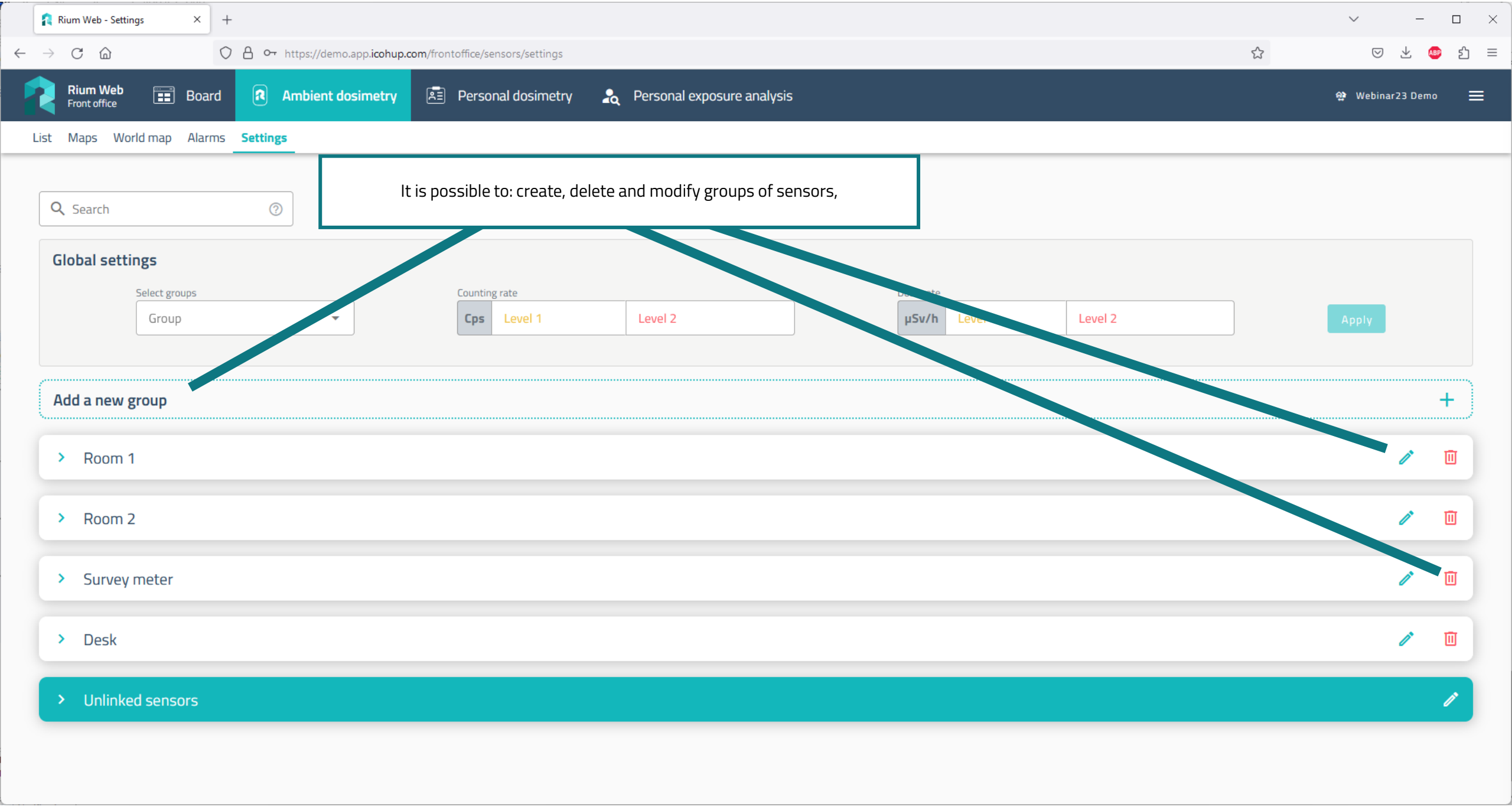

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/sensors/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Last 24 hours alarms
Refresh
Search
Rows per page: 15
Date
Sensor
Type
Value
Threshold
Status
Group
Processed
Comment
Jan 15, 2024, 3:21 PM
Room 2
Dose rate
20.71 µSv/h
20 µSv/h
Warn
Room 2
0 / 255
1 of 1
Each line can be commented to report the reasons for exceeding the threshold
...
...
and may be checked as "processed".

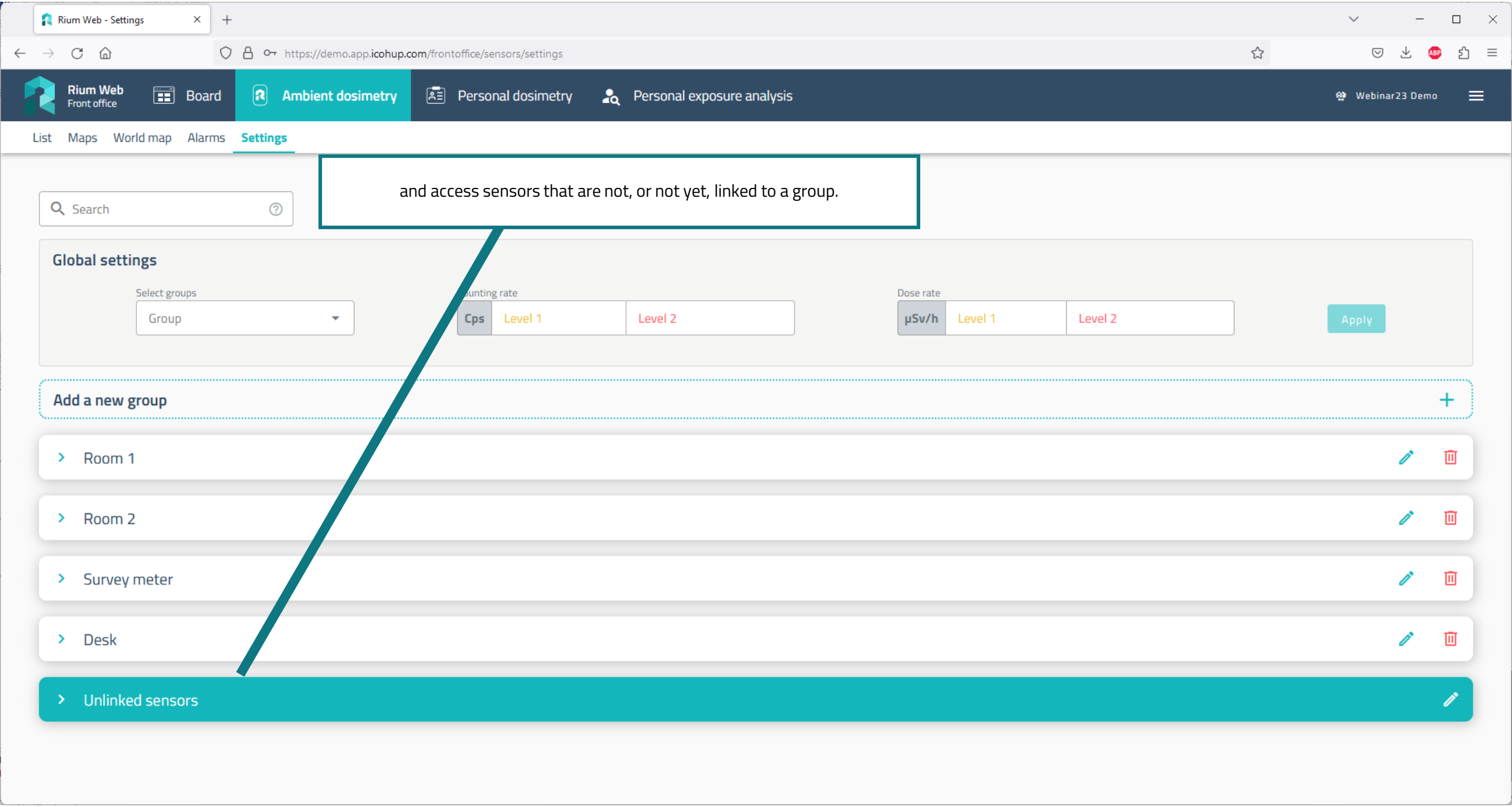

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/sensors/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Last 24 hours alarms
Refresh
Search
Rows per page:
15
Date
Sensor
Type
Value
Threshold
Status
Group
Processed
Comment
All
Processed
Unprocessed
Room 2
0 / 255
1
The filter can then be used to display only one category.

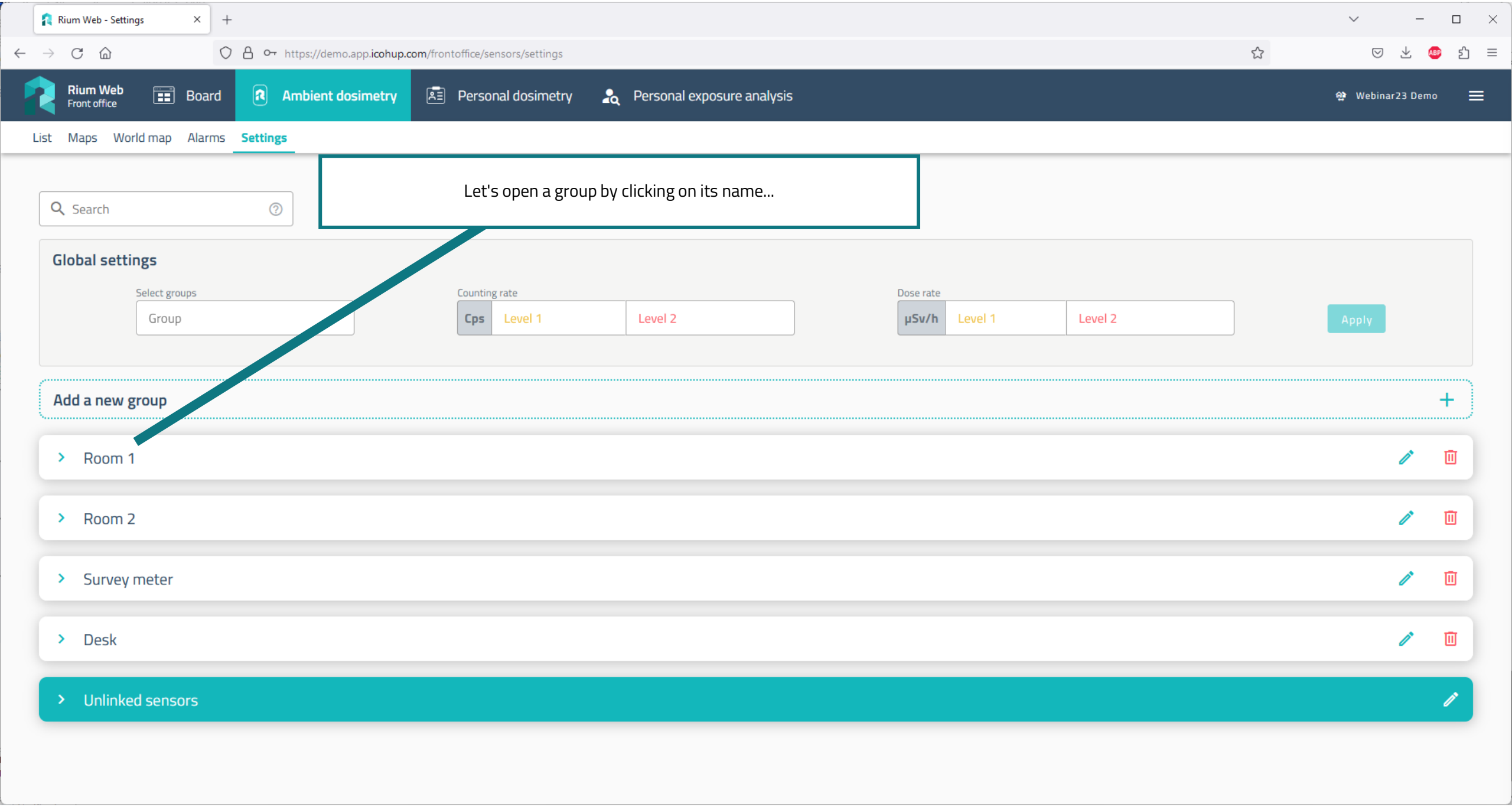

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/sensors/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Last 24 hours alarms
Refresh
Search
Rows per page:
15
Date
Sensor
Type
Value
Threshold
Status
Group
Processed
Comment
Jan 15, 2024, 3:21 PM
Room 2
Dose rate
20.71 µSv/h
20 µSv/h
Warn
Room 2
Check N°1
9 / 255
1 of 1
1
In this case, only processed alarms are displayed, and you can see the comment associated to the alarm.
Changes saved
The modification of the comment has been taken into account

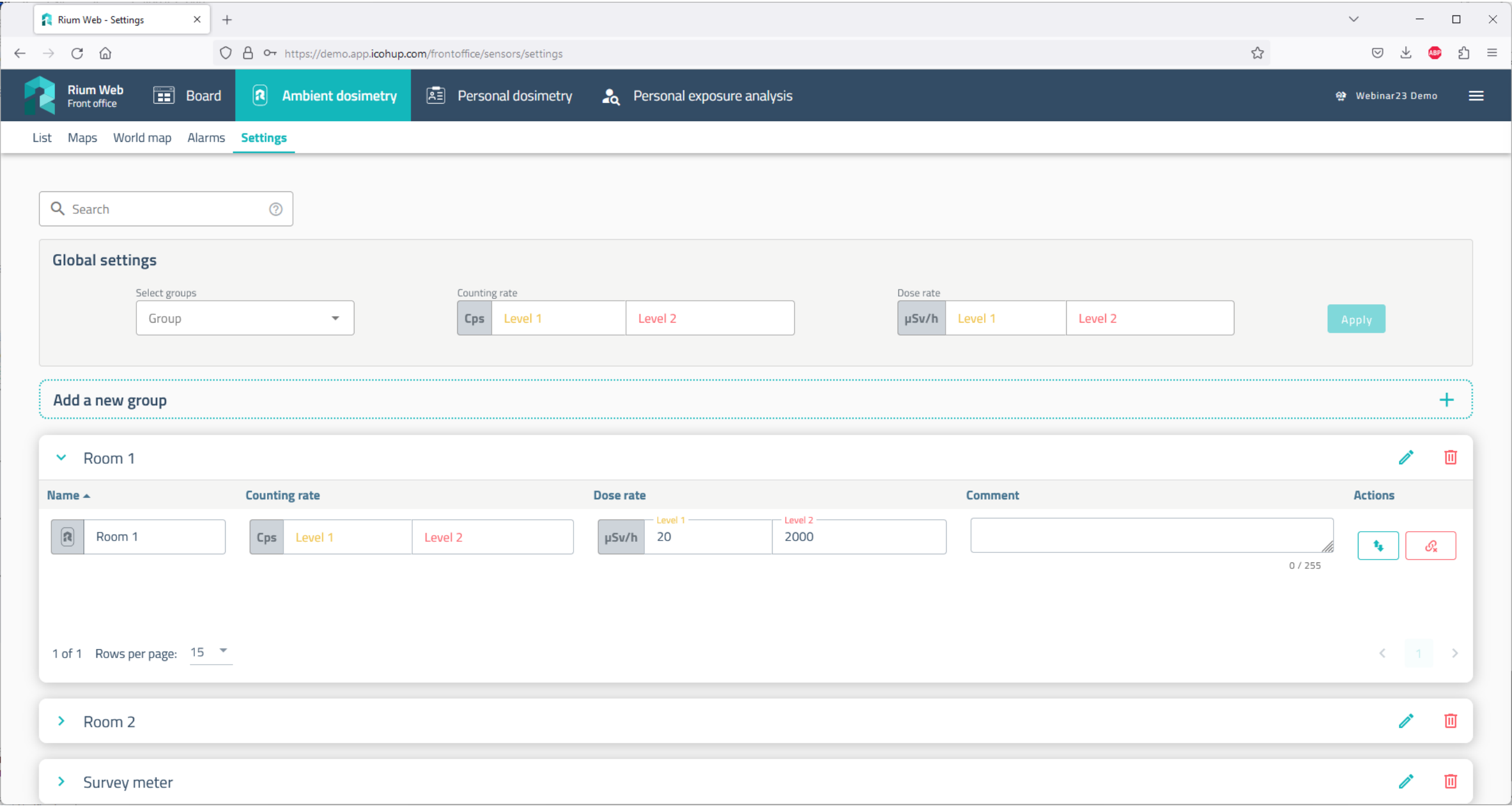

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/sensors/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Last 24 hours alarms
Refresh
Search
Rows per page:
15
Date
Sensor
Type
Jan 15, 2024, 3:21 PM
Room 2
9 / 255
1 of 1
Let’s now take a look at how to set up the sensors!

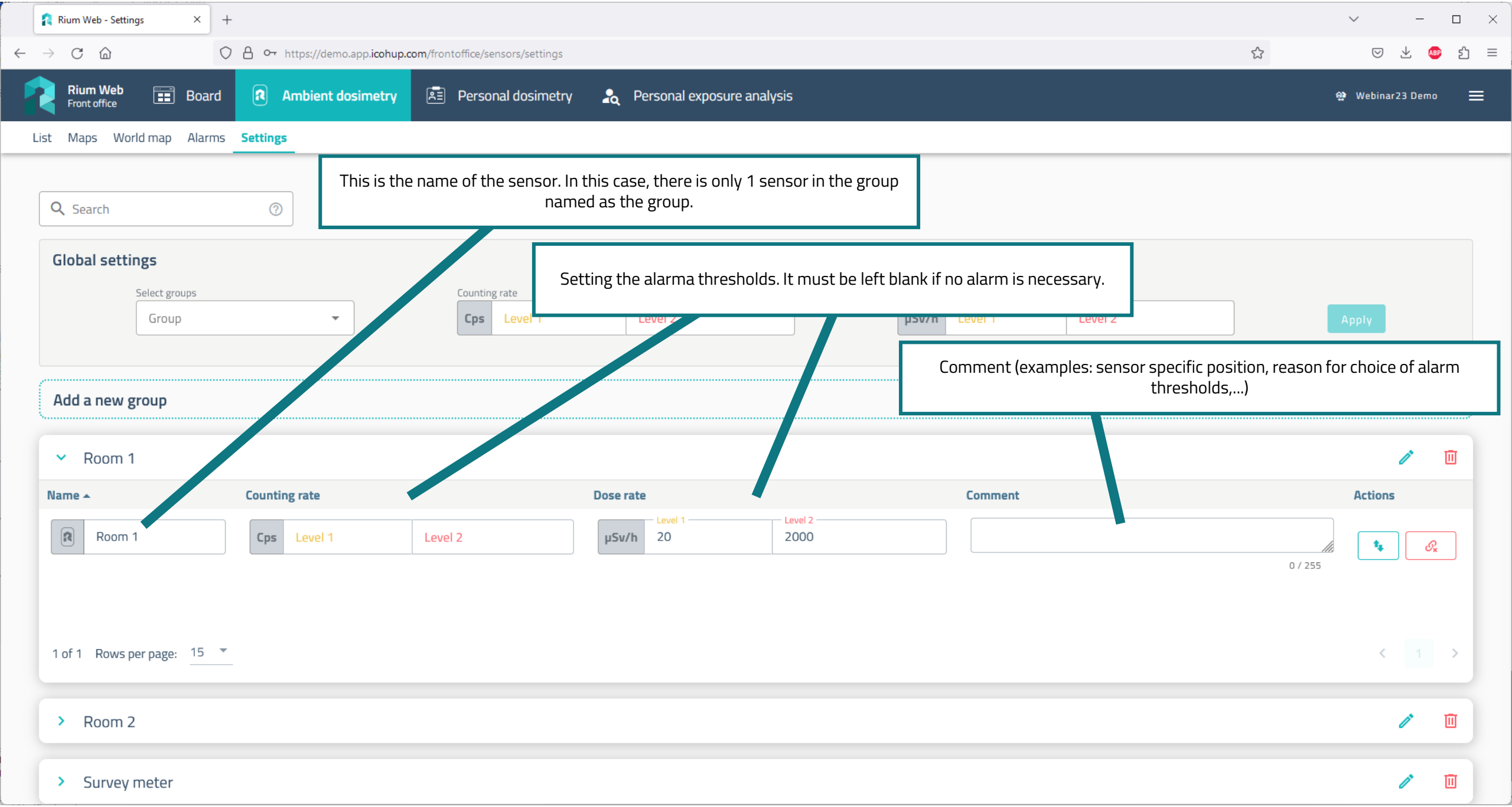

Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Search
Global settings
Select groups
Group
Counting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Room 2
Survey meter
Desk
Unlinked sensors

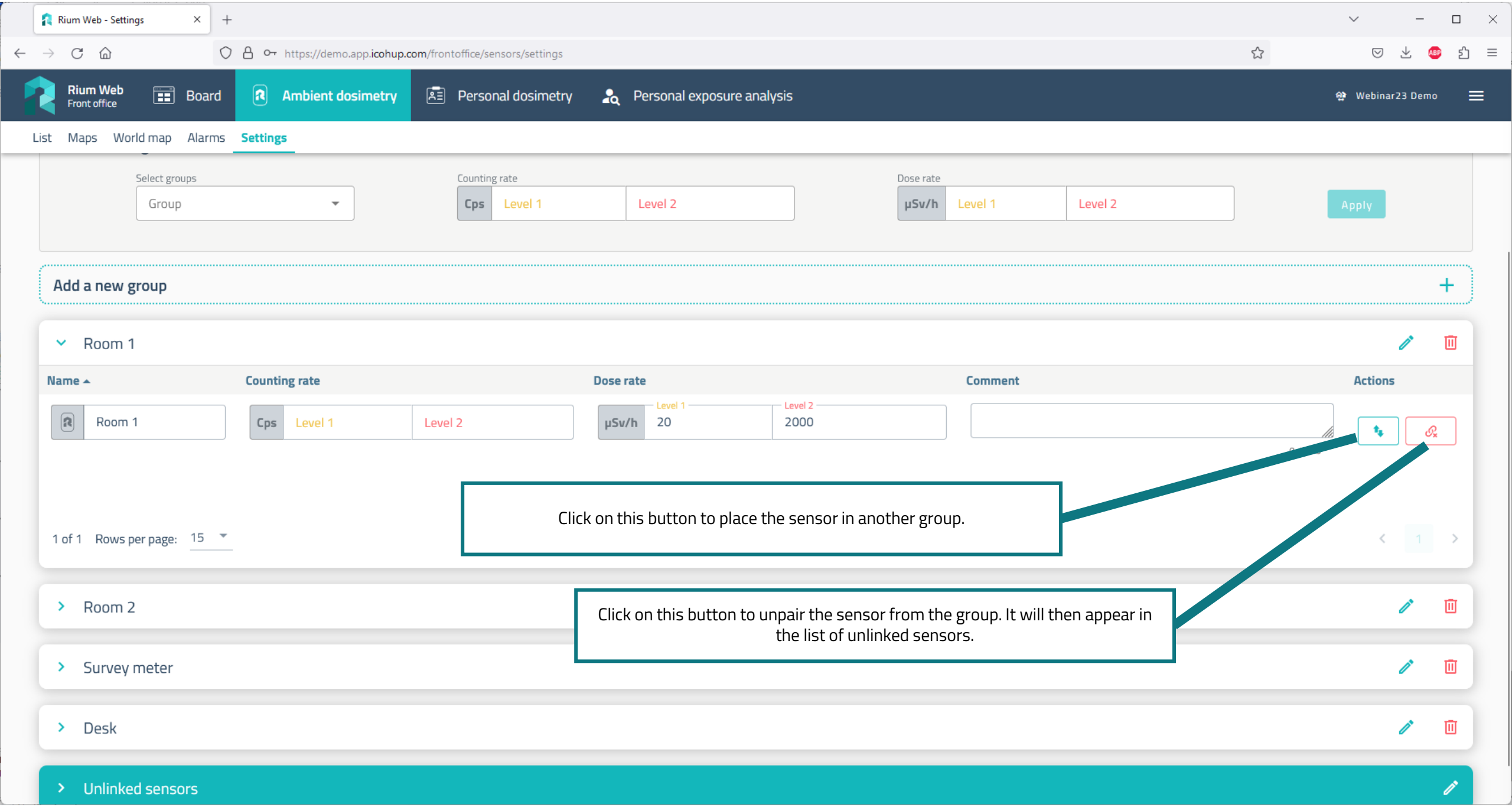

Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
It is possible to: create, delete and modify groups of sensors,
Search
Global settings
Select groups
Group
Counting rate
Cps
Level 1
Level 2
µSv/h
Level 2
Apply
Add a new group
Room 1
Room 2
Survey meter
Desk
Unlinked sensors

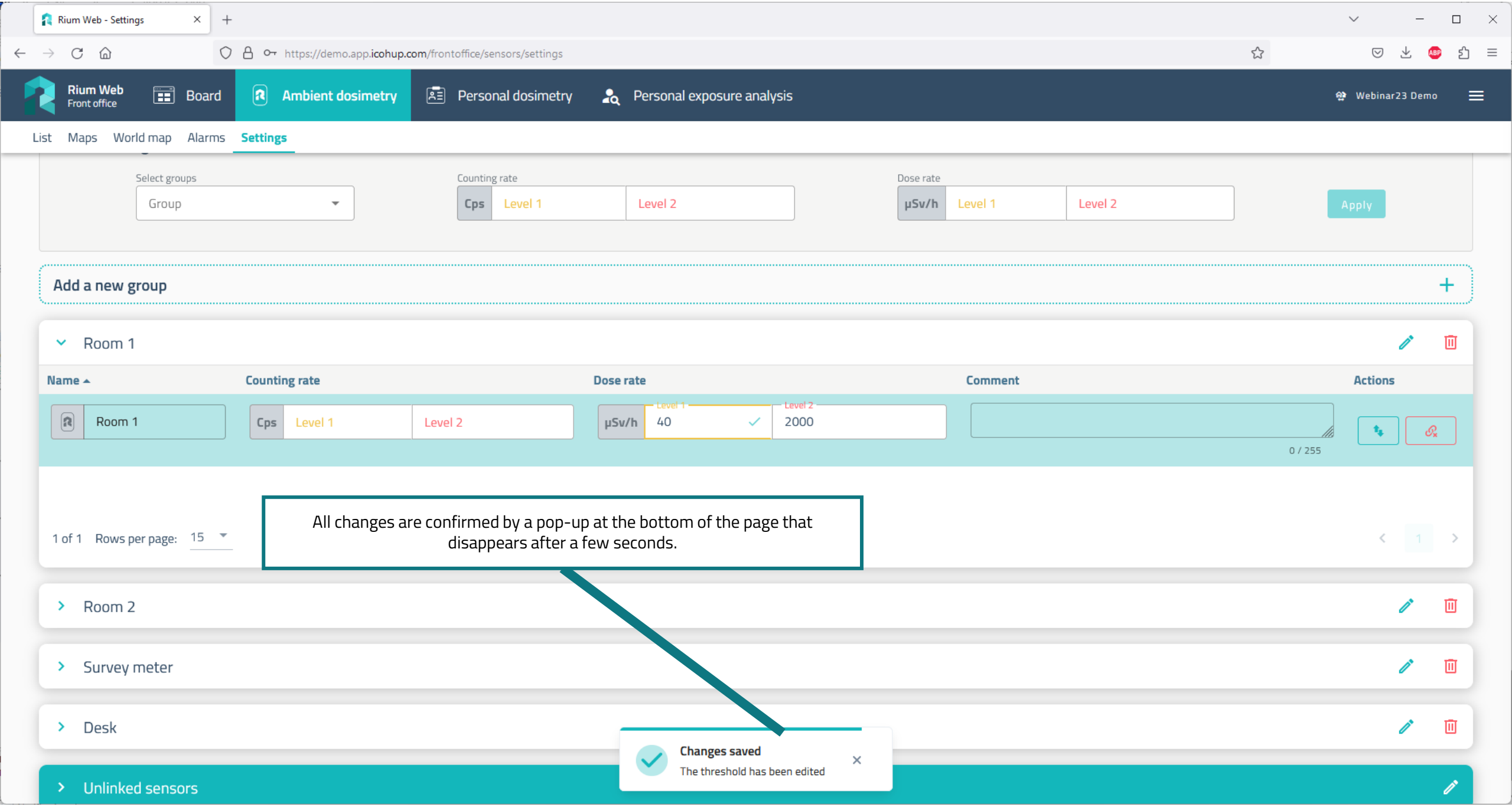

Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
and access sensors that are not, or not yet, linked to a group.
Search
Global settings
Select groups
Group
unting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Room 2
Survey meter
Desk
Unlinked sensors

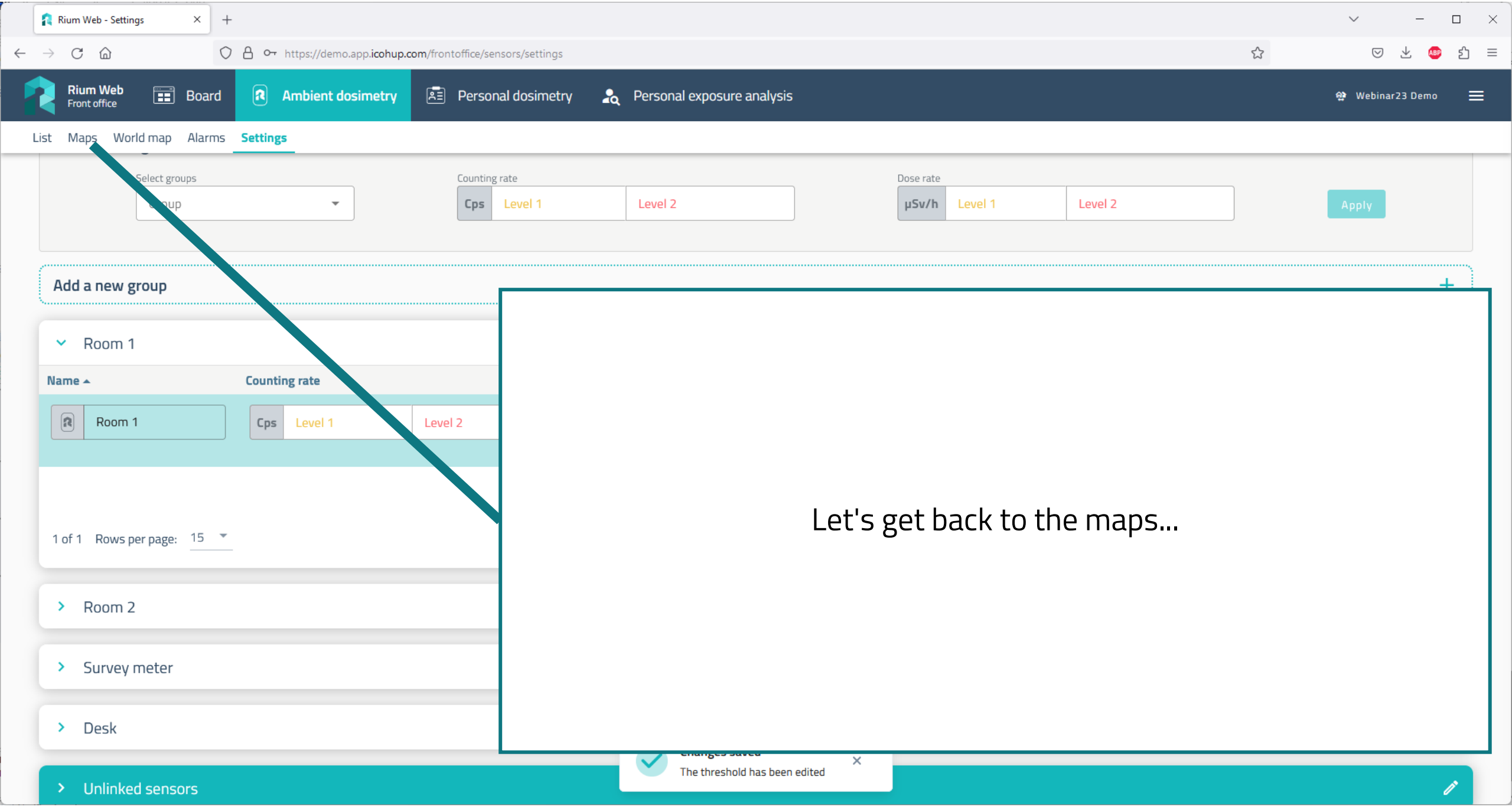

Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Let's open a group by clicking on its name...
Search
Global settings
Select groups
Group
Counting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Room 2
Survey meter
Desk
Unlinked sensors


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Search
Global settings
Select groups
Group
Counting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Name
Counting rate
Dose rate
Comment
Actions
Room 1
Cps
Level 1
Level 2
µSv/h
Level 1
20
Level 2
2000
0 / 255
1 of 1
Rows per page:
15
1
Room 2
Survey meter


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
This is the name of the sensor. In this case, there is only 1 sensor in the group named as the group.
Search
Global settings
Setting the alarma thresholds. It must be left blank if no alarm is necessary.
Select groups
Group
Counting rate
Cps
Level 1
Level 2
µSv/h
Level 1
Level 2
Apply
Comment (examples: sensor specific position, reason for choice of alarm thresholds,...)
Add a new group
Room 1
Name
Counting rate
Dose rate
Comment
Actions
Room 1
Cps
Level 1
Level 2
µSv/h
Level 1
20
Level 2
2000
0 / 255
1 of 1
Rows per page:
15
1
Room 2
Survey meter


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Select groups
Group
Counting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Name
Counting rate
Dose rate
Comment
Actions
Room 1
Cps
Level 1
Level 2
µSv/h
Level 1
20
Level 2
2000
1 of 1
Rows per page:
15
Click on this button to place the sensor in another group.
Click on this button to unpair the sensor from the group. It will then appear in the list of unlinked sensors.
Room 2
Survey meter
Desk
Unlinked sensors


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Select groups
Group
Counting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Name
Counting rate
Dose rate
Comment
Actions
Room 1
Cps
Level 1
Level 2
µSv/h
Level 1
40
Level 2
2000
0 / 255
1 of 1
Rows per page:
15
All changes are confirmed by a pop-up at the bottom of the page that disappears after a few seconds.
Room 2
Survey meter
Desk
Changes saved
The threshold has been edited
Unlinked sensors


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/sensors/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Select groups
Counting rate
Cps
Level 1
Level 2
Dose rate
µSv/h
Level 1
Level 2
Apply
Add a new group
Room 1
Name
Counting rate
Room 1
Cps
Level 1
Level 2
1 of 1
Rows per page:
15
Room 2
Survey meter
Desk
The threshold has been edited
Unlinked sensors
Let's get back to the maps...

Rium Web - Maps

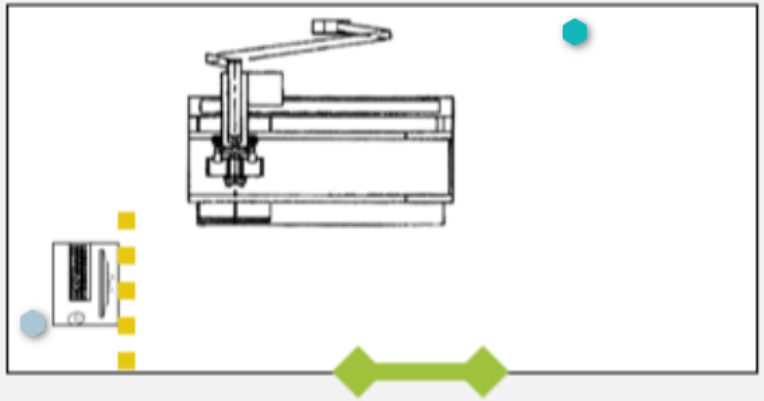
https://demo.app.icohup.com/frontoffice/sensors/clientMaps

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

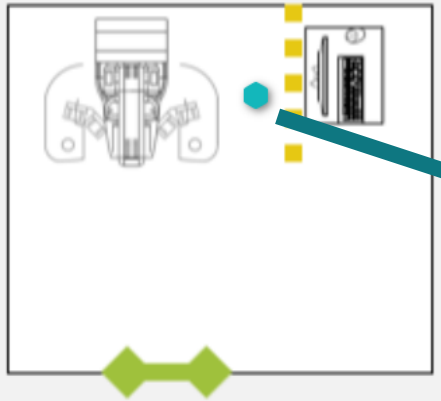
List | Maps | World map | Alarms | Settings

Map list: Webinar23 Demo Map

Salle 1



Salle 2



And let's choose the dosimeter in Room 2.

(You can also choose it from the sensors list or the world map)

Sensor

Room 2

Past 24H dose

~36.88 µSv

Dose rate thresholds

Thresold L1 **20 µSv/h**

Thresold L2 **2000 µSv/h**

Dose rate

0.41 µSv/h

> Alarm History

> Measurements History

v Data and charts

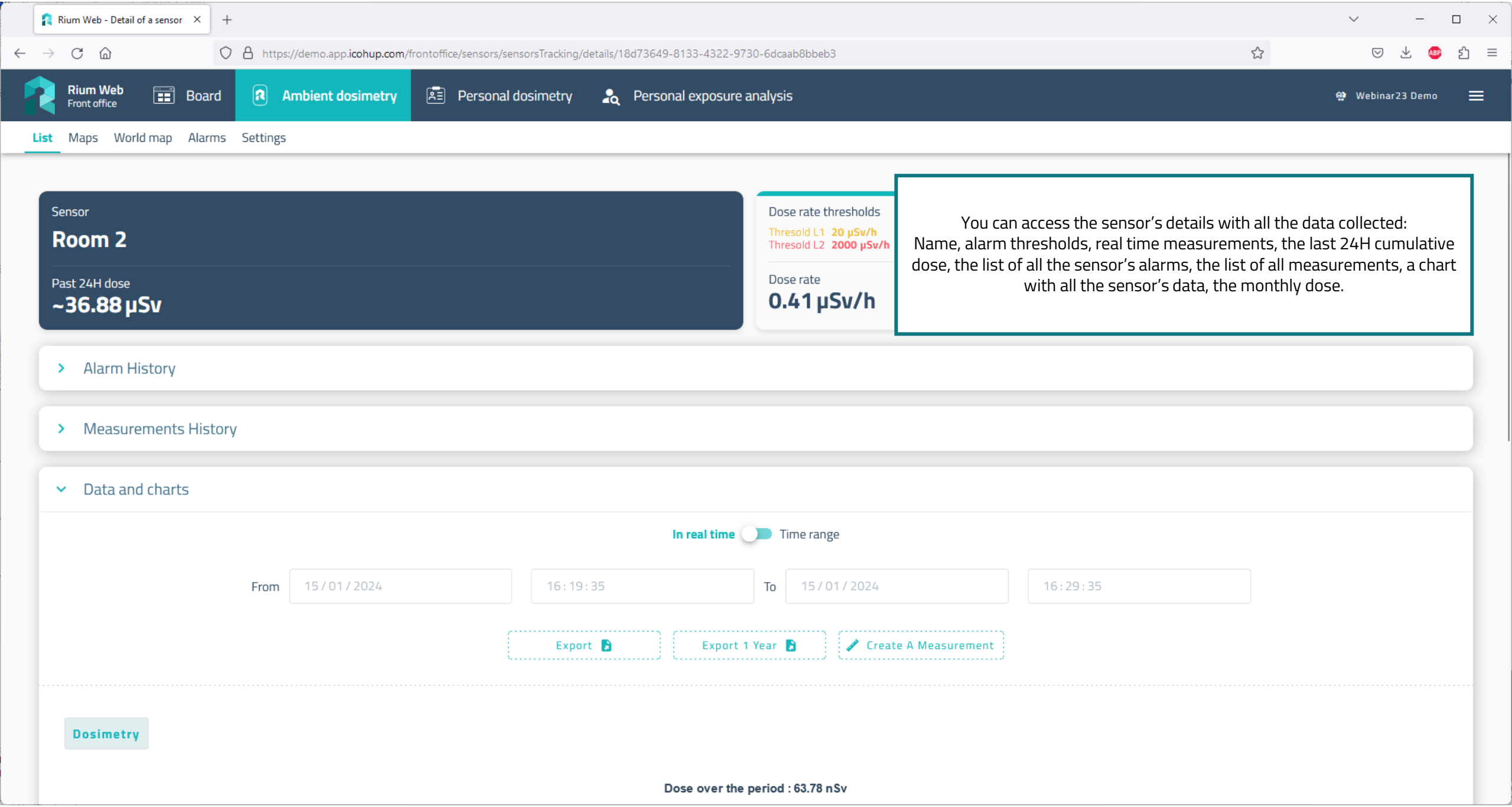
In real time | Time range

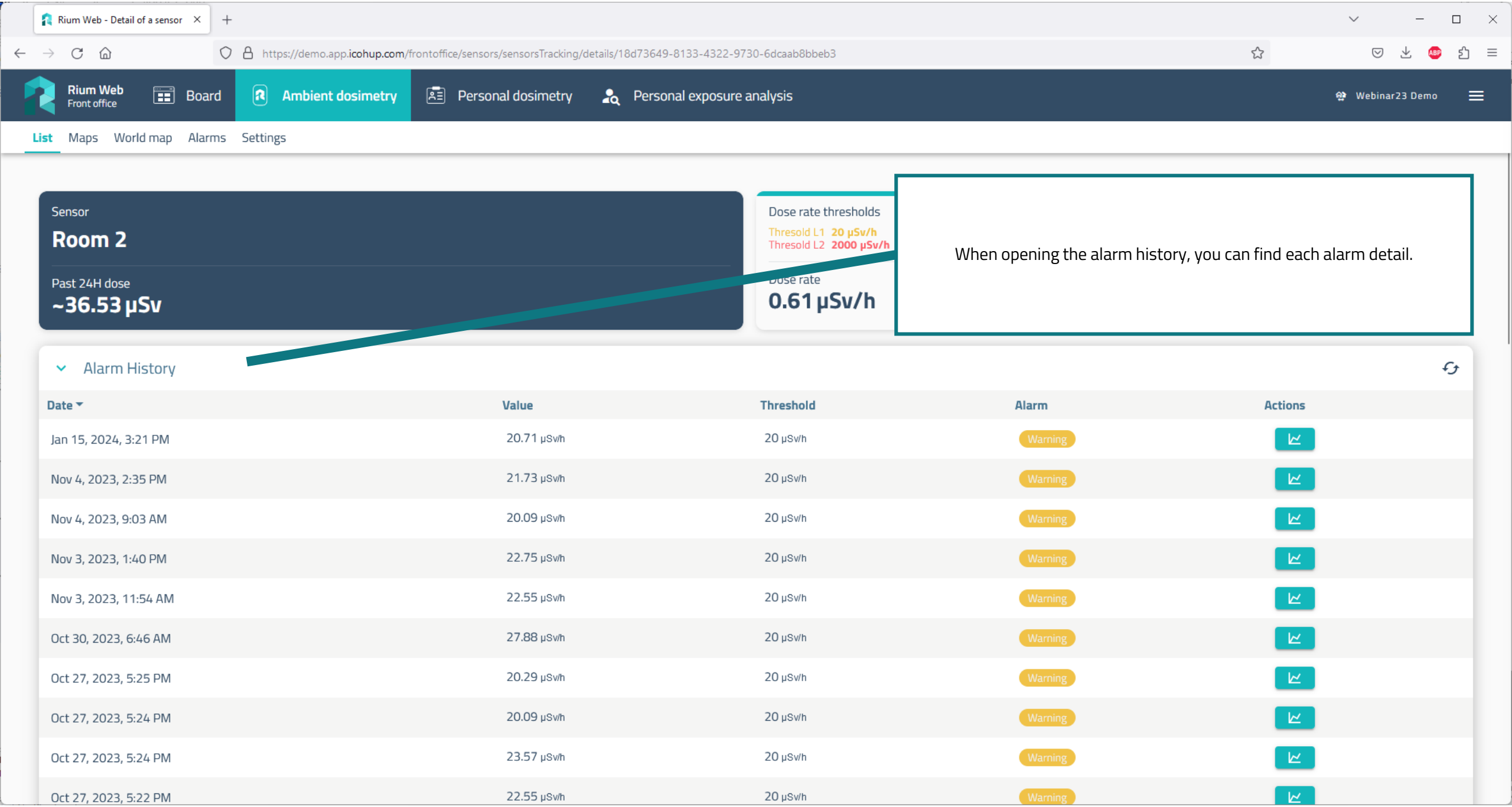
From 15 / 01 / 2024 16 : 19 : 35 To 15 / 01 / 2024 16 : 29 : 35

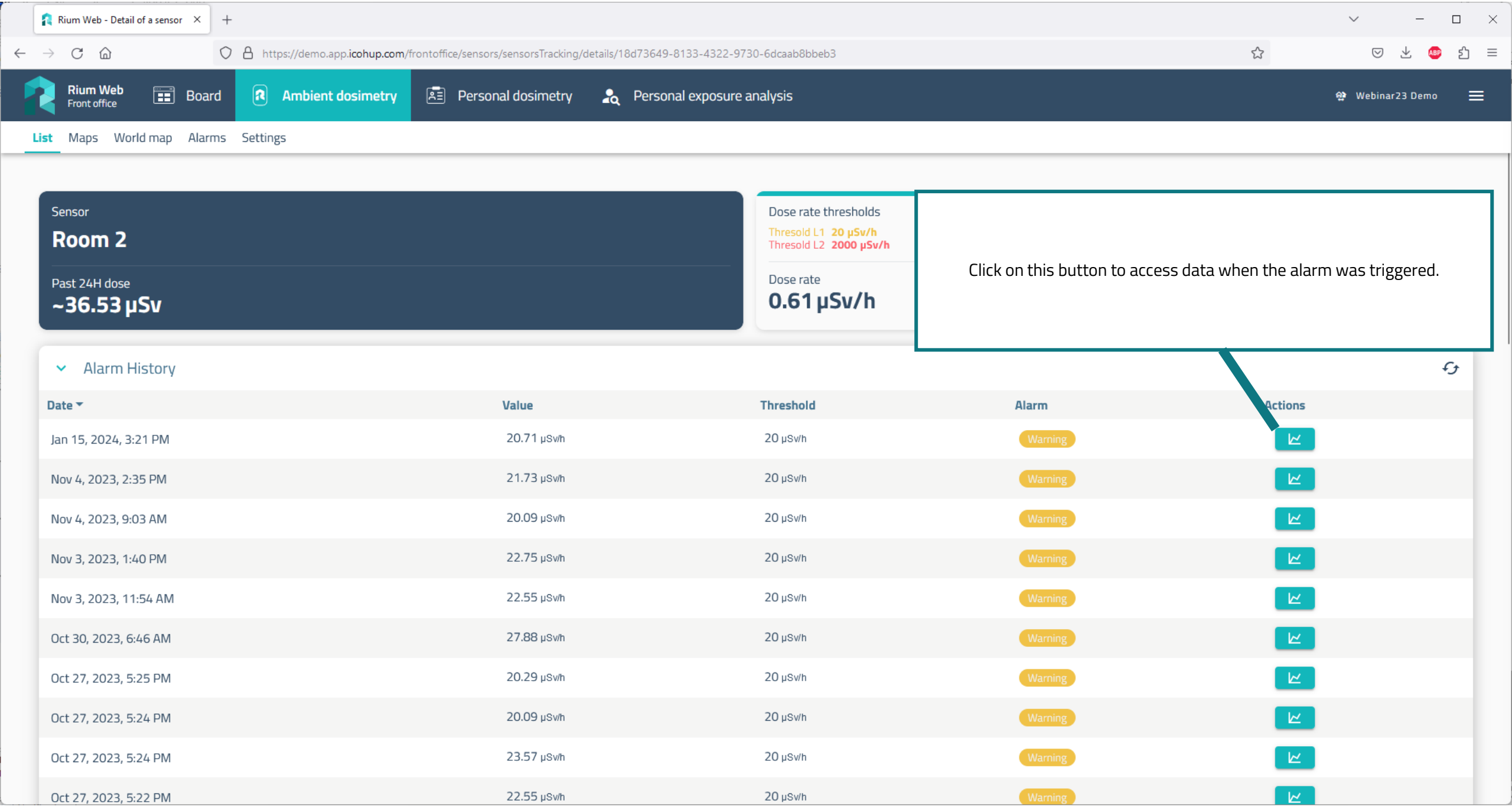
Export | Export 1 Year | Create A Measurement

Dosimetry

Dose over the period : 63.78 nSv


Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensor
Room 2
Past 24H dose
~36.88 µSv
Dose rate thresholds
Thresold L1 20 µSv/h
Thresold L2 2000 µSv/h
Dose rate
0.41 µSv/h
You can access the sensor's details with all the data collected: Name, alarm thresholds, real time measurements, the last 24H cumulative dose, the list of all the sensor's alarms, the list of all measurements, a chart with all the sensor's data, the monthly dose.
Alarm History
Measurements History
Data and charts
In real time
Time range
From
15 / 01 / 2024
16 : 19 : 35
To
15 / 01 / 2024
16 : 29 : 35
Export
Export 1 Year
Create A Measurement
Dosimetry
Dose over the period : 63.78 nSv


Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensor
Room 2
Past 24H dose
~36.53 µSv
Dose rate thresholds
Thresold L1 20 µSv/h
Thresold L2 2000 µSv/h
Dose rate
0.61 µSv/h
When opening the alarm history, you can find each alarm detail.
Alarm History
Date
Value
Threshold
Alarm
Actions
Jan 15, 2024, 3:21 PM 20.71 µSv/h 20 µSv/h Warning
Nov 4, 2023, 2:35 PM 21.73 µSv/h 20 µSv/h Warning
Nov 4, 2023, 9:03 AM 20.09 µSv/h 20 µSv/h Warning
Nov 3, 2023, 1:40 PM 22.75 µSv/h 20 µSv/h Warning
Nov 3, 2023, 11:54 AM 22.55 µSv/h 20 µSv/h Warning
Oct 30, 2023, 6:46 AM 27.88 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:25 PM 20.29 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:24 PM 20.09 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:24 PM 23.57 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:22 PM 22.55 µSv/h 20 µSv/h Warning


Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensor
Room 2
Past 24H dose
~36.53 µSv
Dose rate thresholds
Thresold L1 20 µSv/h
Thresold L2 2000 µSv/h
Dose rate
0.61 µSv/h
Click on this button to access data when the alarm was triggered.
Alarm History
Date
Value
Threshold
Alarm
Actions
Jan 15, 2024, 3:21 PM 20.71 µSv/h 20 µSv/h Warning
Nov 4, 2023, 2:35 PM 21.73 µSv/h 20 µSv/h Warning
Nov 4, 2023, 9:03 AM 20.09 µSv/h 20 µSv/h Warning
Nov 3, 2023, 1:40 PM 22.75 µSv/h 20 µSv/h Warning
Nov 3, 2023, 11:54 AM 22.55 µSv/h 20 µSv/h Warning
Oct 30, 2023, 6:46 AM 27.88 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:25 PM 20.29 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:24 PM 20.09 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:24 PM 23.57 µSv/h 20 µSv/h Warning
Oct 27, 2023, 5:22 PM 22.55 µSv/h 20 µSv/h Warning

Rium Web - Detail of a sensor

https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis

List | Maps | World map | Alarms | Settings

You can see all the data collected from the sensor in this chart. The data granularity depends on the zoom and the data disclosure.

All data collected in real time are in blue, all data collected afterwords are in grey (offline mode, for example, when there is no WIFI or there is a server update) and periods of inactivity are in black (unplugged dosimeters).

Data and charts

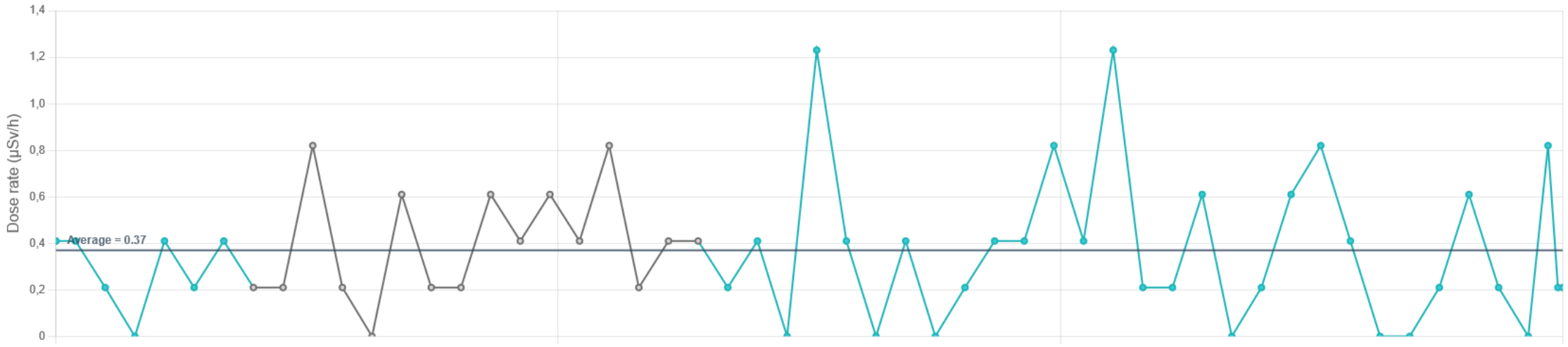
In real time | Time range

From 15 / 01 / 2024 15 : 50 : 34 To 15 / 01 / 2024 15 : 55 : 39

Export | Export 1 Year | Create A Measurement

Dosimetry | Enable zoom

Dose over the period : 31.09 nSv



Rium Web - Detail of a sensor

https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

List | Maps | World map | Alarms | Settings

You can select the real time display or access to a time range by switching the slot. When the time range is activated, you can zoom in the chart.

Data and charts

In real time | Time range

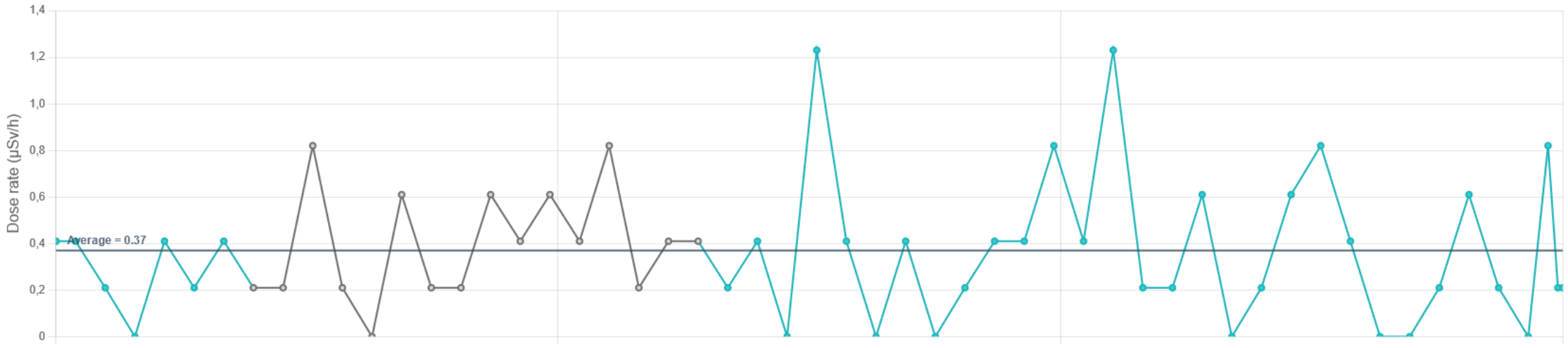
From 15 / 01 / 2024 15 : 50 : 34 To 15 / 01 / 2024 15 : 55 : 39

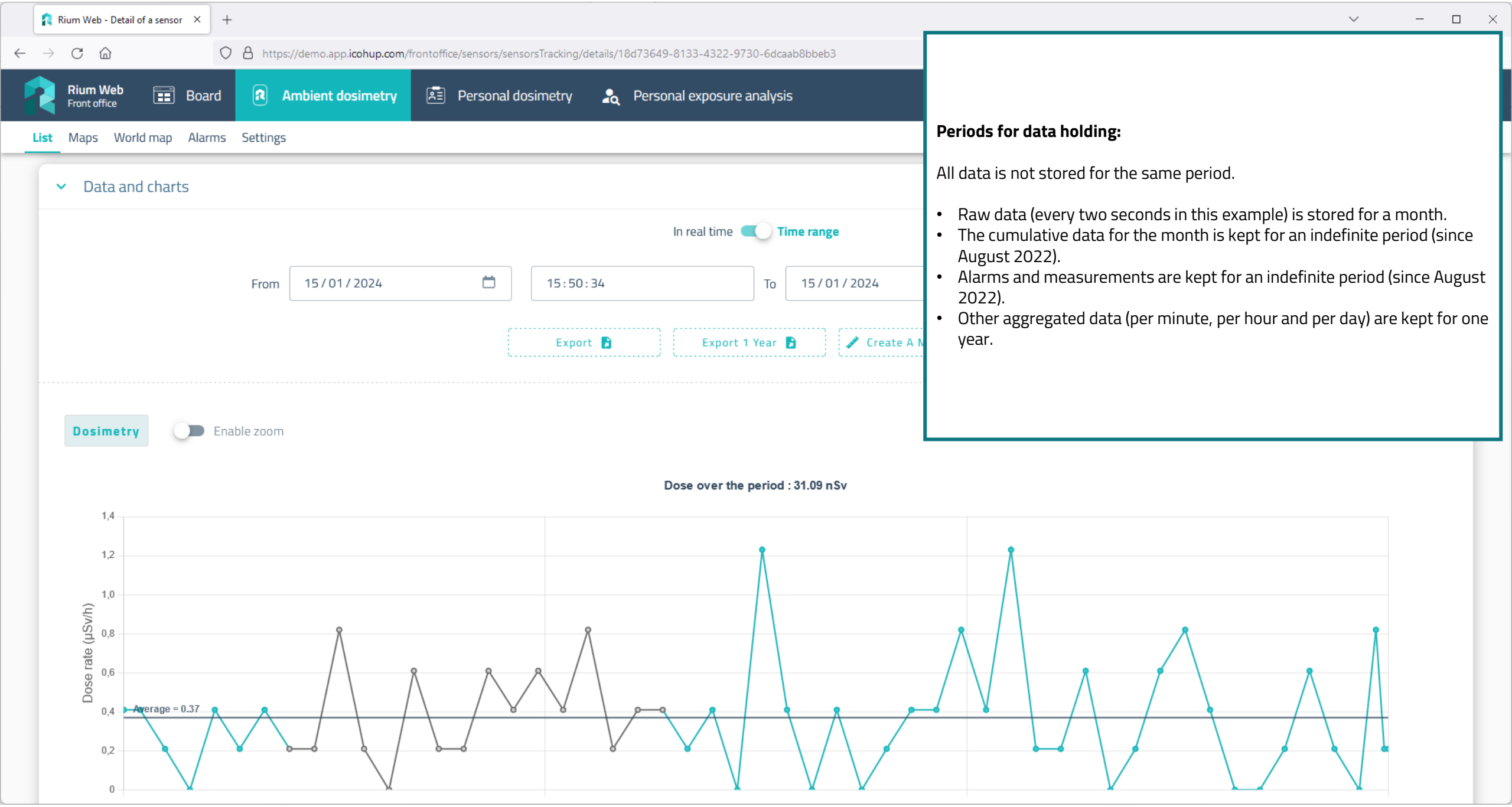
Export | Export 1 Year | Create A Measurement

When the zoom is enabled, it is possible to zoom in and out on an area of the chart as to click and drag within the chart using the mouse.

Dosimetry | Enable zoom

Dose over the period : 31.09 nSv

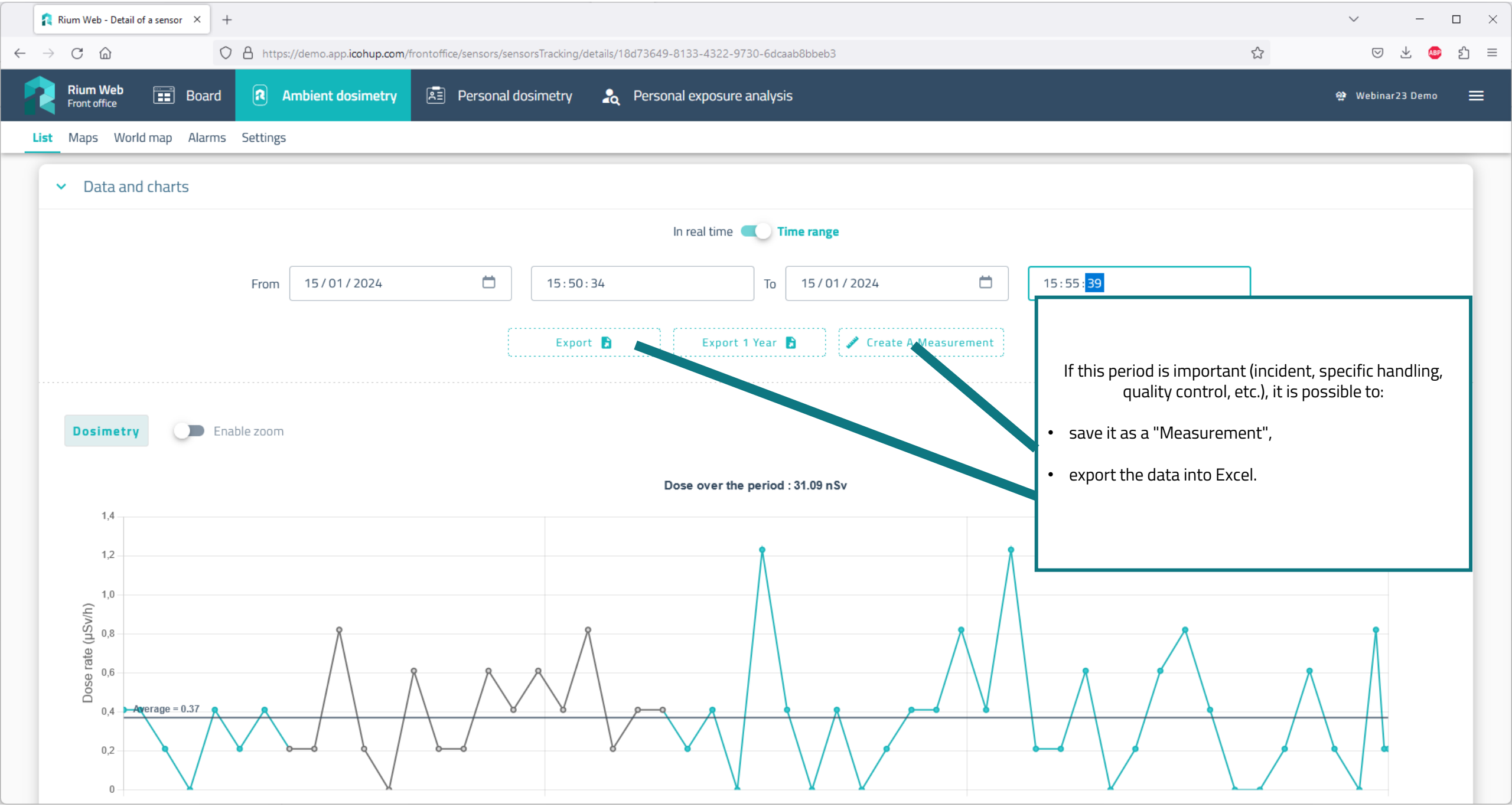




Periods for data holding:

All data is not stored for the same period.

- Raw data (every two seconds in this example) is stored for a month.
- The cumulative data for the month is kept for an indefinite period (since August 2022).
- Alarms and measurements are kept for an indefinite period (since August 2022).
- Other aggregated data (per minute, per hour and per day) are kept for one year.


Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Data and charts
In real time
Time range
From
15 / 01 / 2024
15 : 50 : 34
To
15 / 01 / 2024
15 : 55 : 39
Export
Export 1 Year
Create A Measurement
If this period is important (incident, specific handling, quality control, etc.), it is possible to:
• save it as a "Measurement",
• export the data into Excel.
Dosimetry
Enable zoom
Dose over the period : 31.09 nSv
Dose rate (µSv/h)
1,4
1,2
1,0
0,8
0,6
0,4
0,2
0
Average = 0.37

Rium Web - Detail of a sensor

https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

List | Maps | World map | Alarms | Settings

Data and charts

In real time | Time range

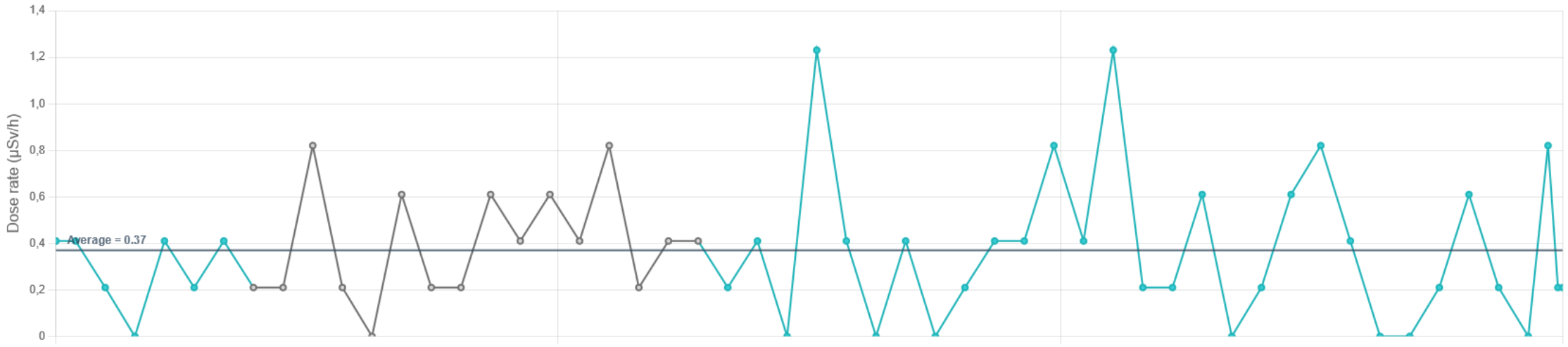
From 15 / 01 / 2024 15 : 50 : 34 To 15 / 01 / 2024 15 : 55 : 39

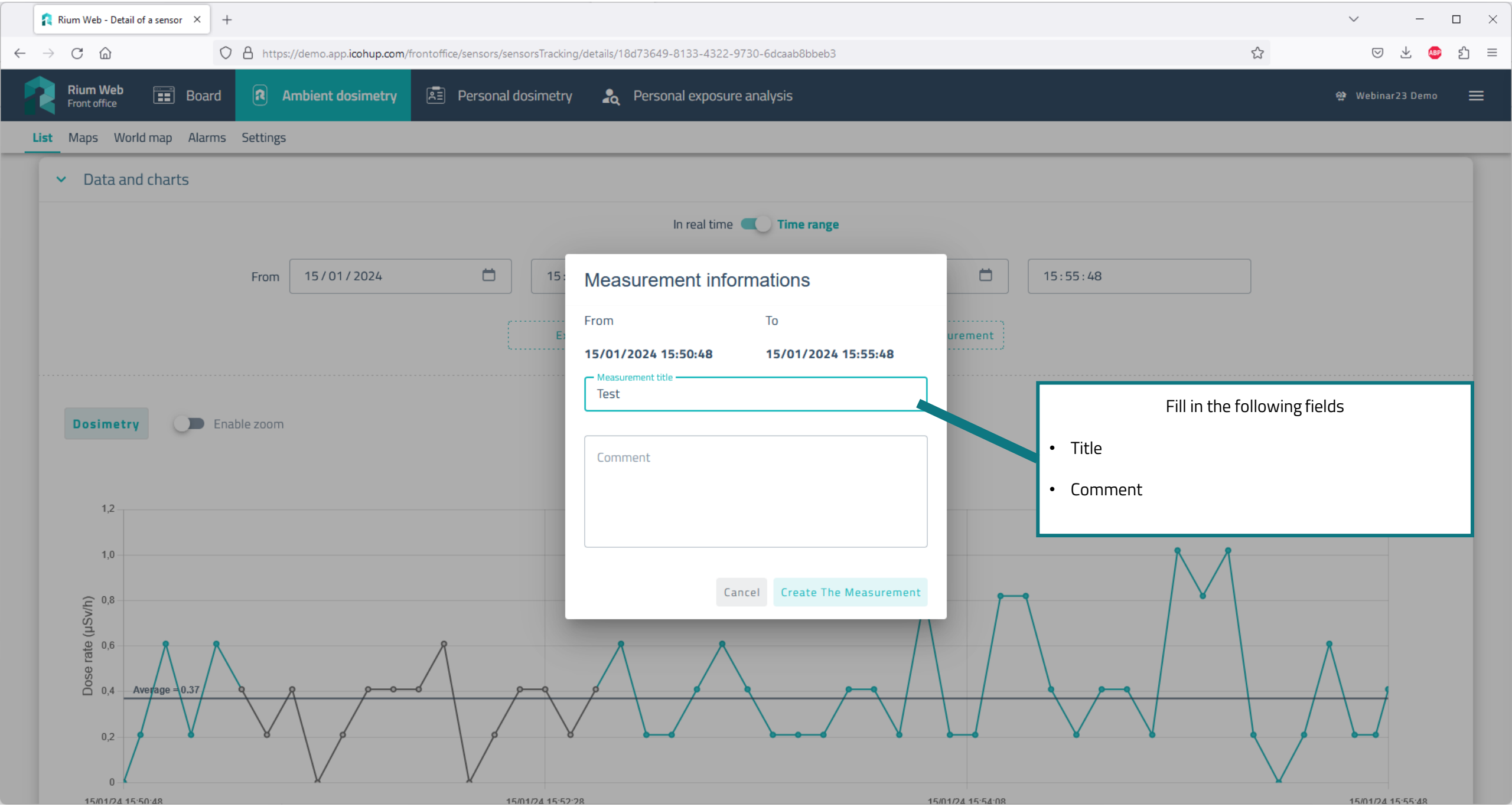
Export | Export 1 Year | Create A Measurement

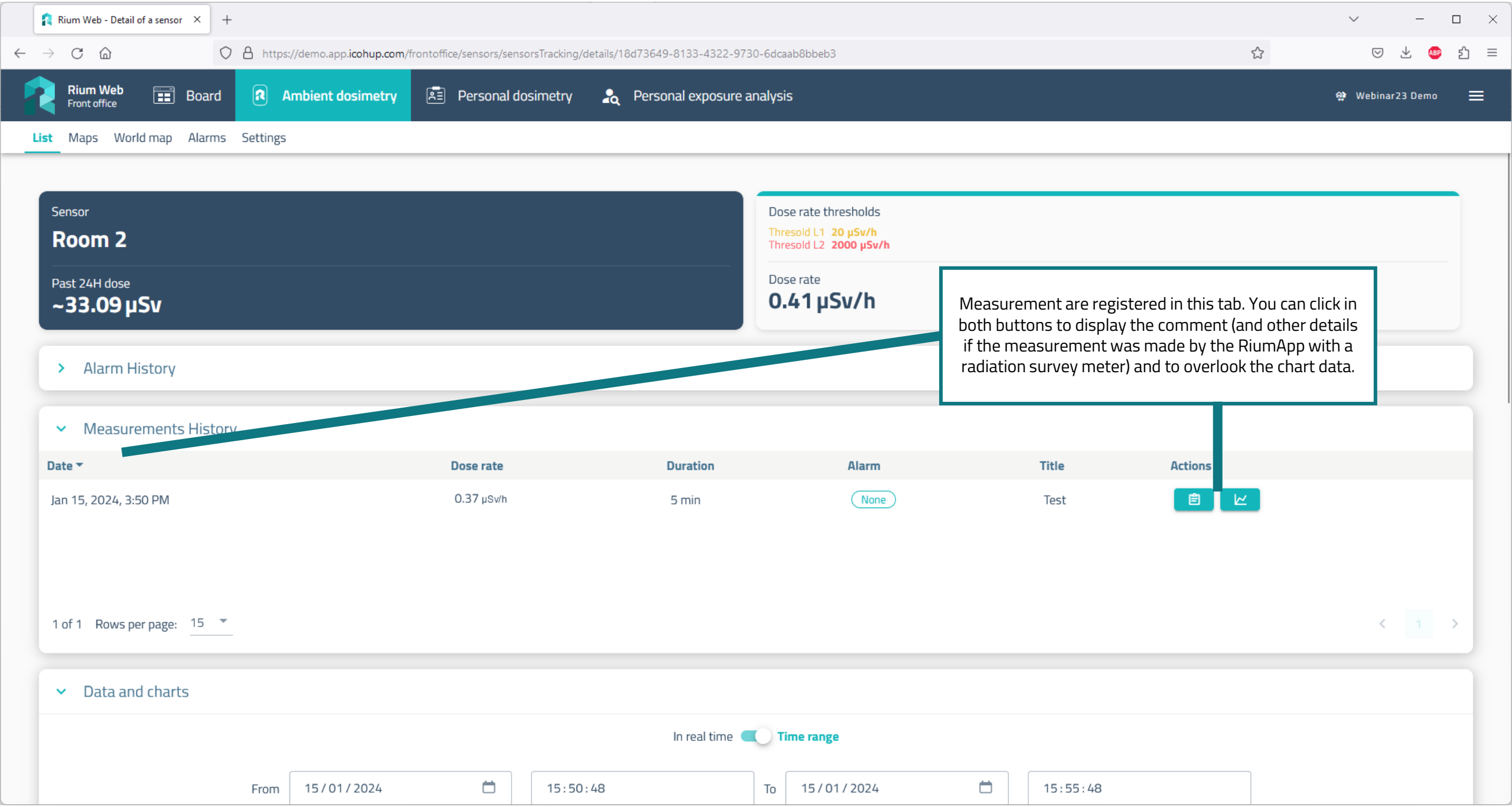
Let's click on "Create a measurement"

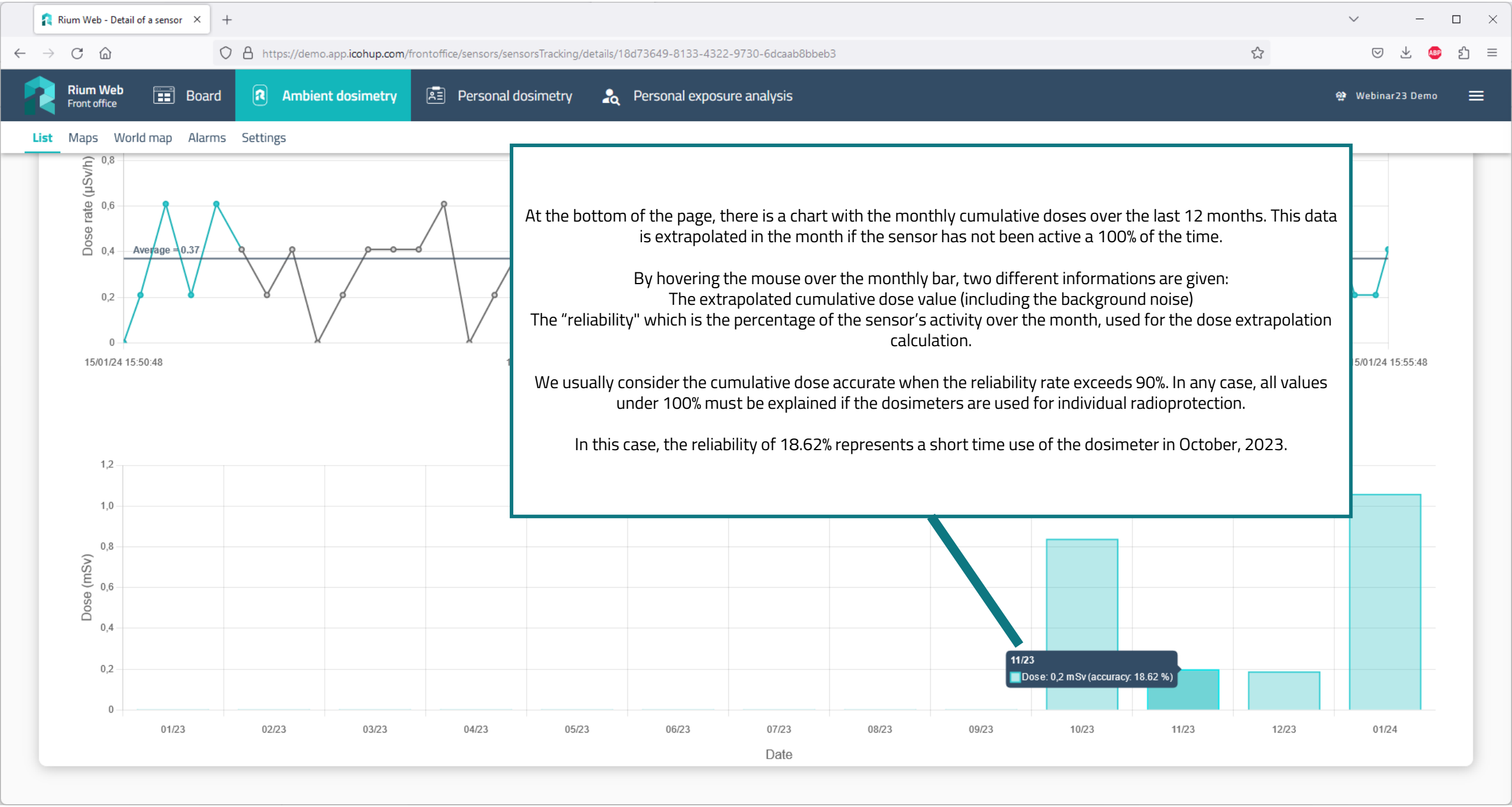
Dosimetry | Enable zoom

Dose over the period : 31.09 nSv

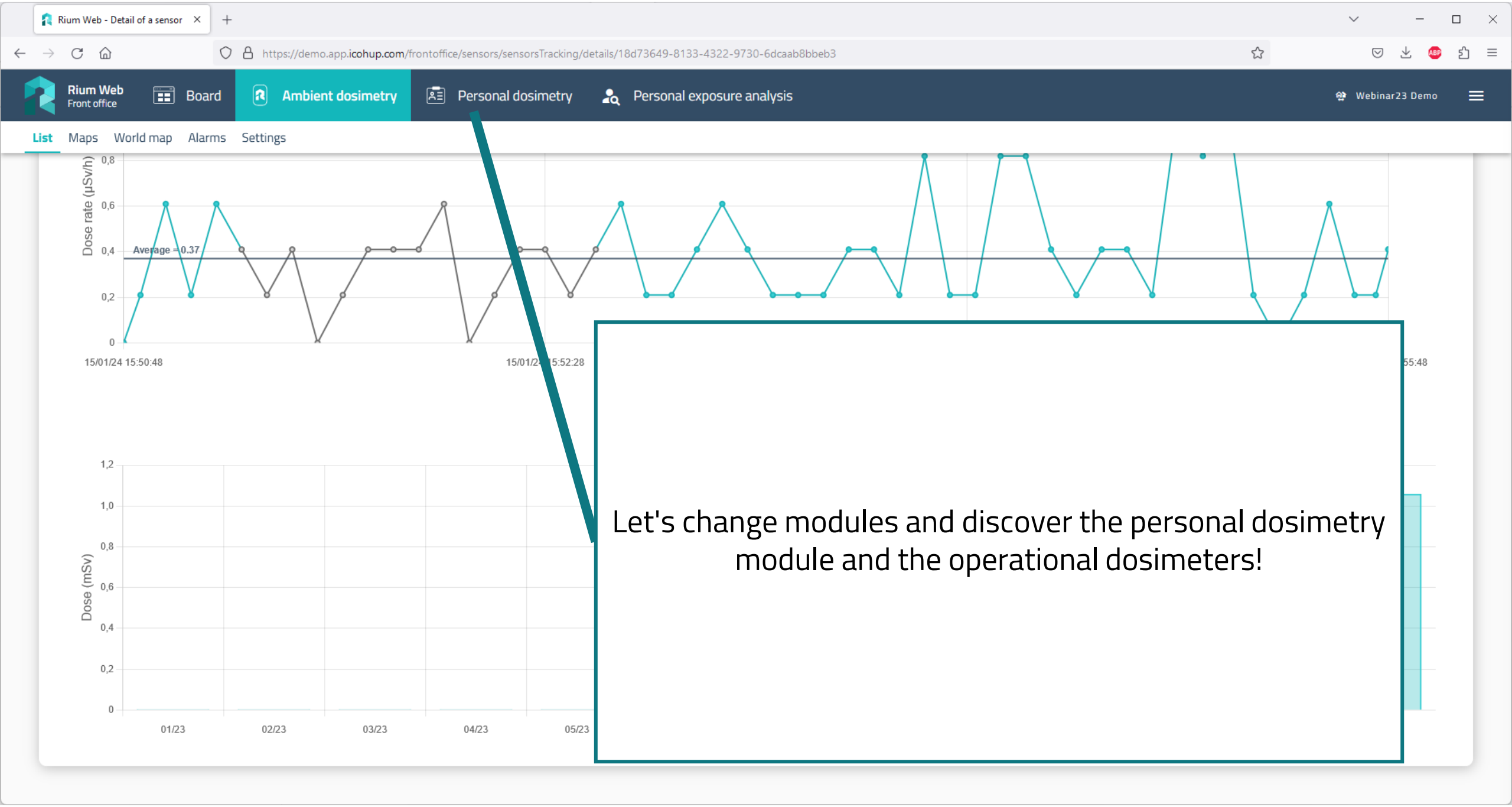


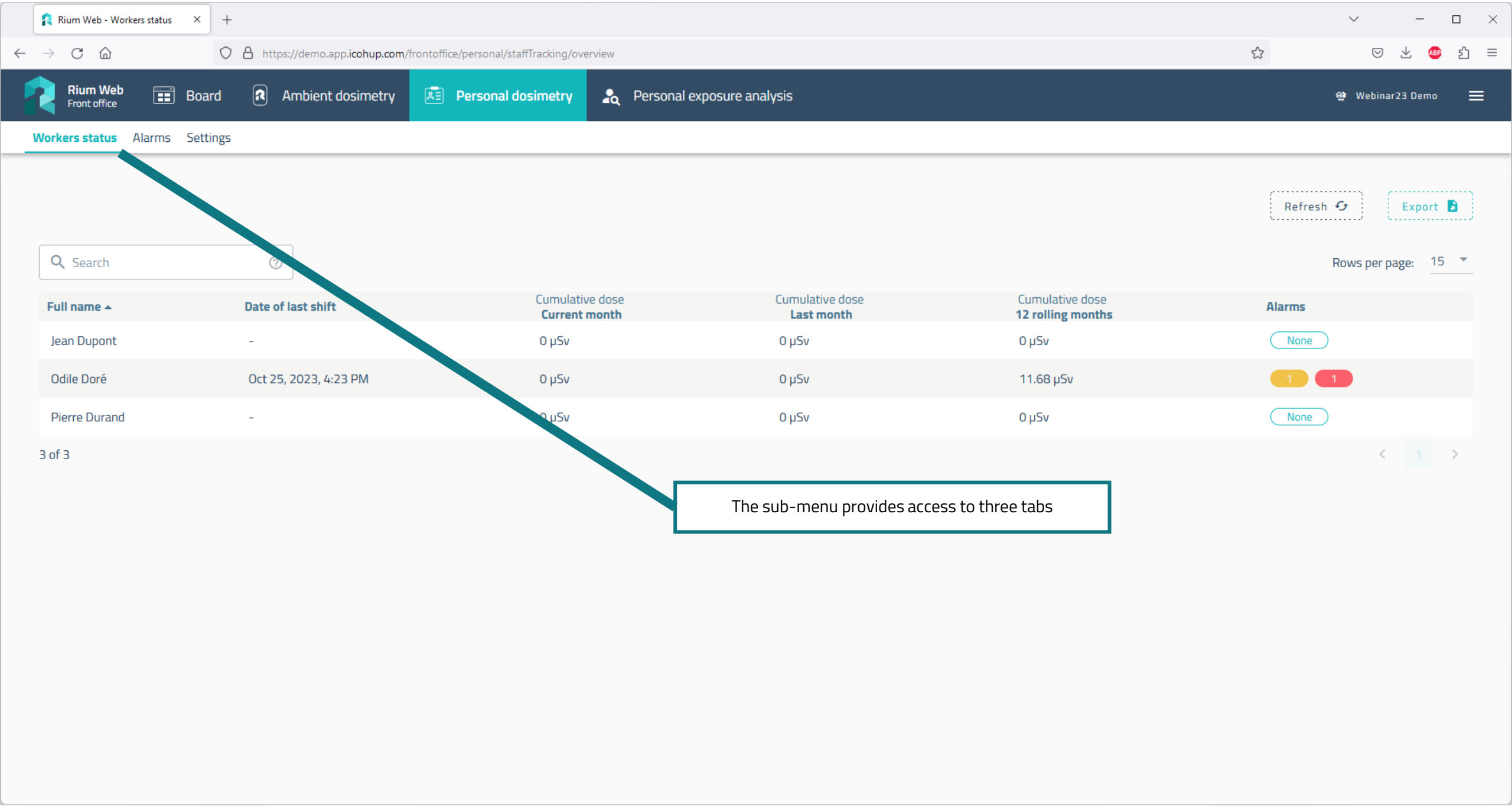

Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Data and charts
In real time
Time range
From
15 / 01 / 2024
15:55:48
Measurement informations
From
To
15/01/2024 15:50:48
15/01/2024 15:55:48
Measurement title
Test
Comment
Cancel
Create The Measurement
Fill in the following fields
Title
Comment
Dosimetry
Enable zoom
Dose rate (µSv/h)
Average = 0.37
15/01/24 15:50:48
15/01/24 15:52:28
15/01/24 15:54:08
15/01/24 15:55:48

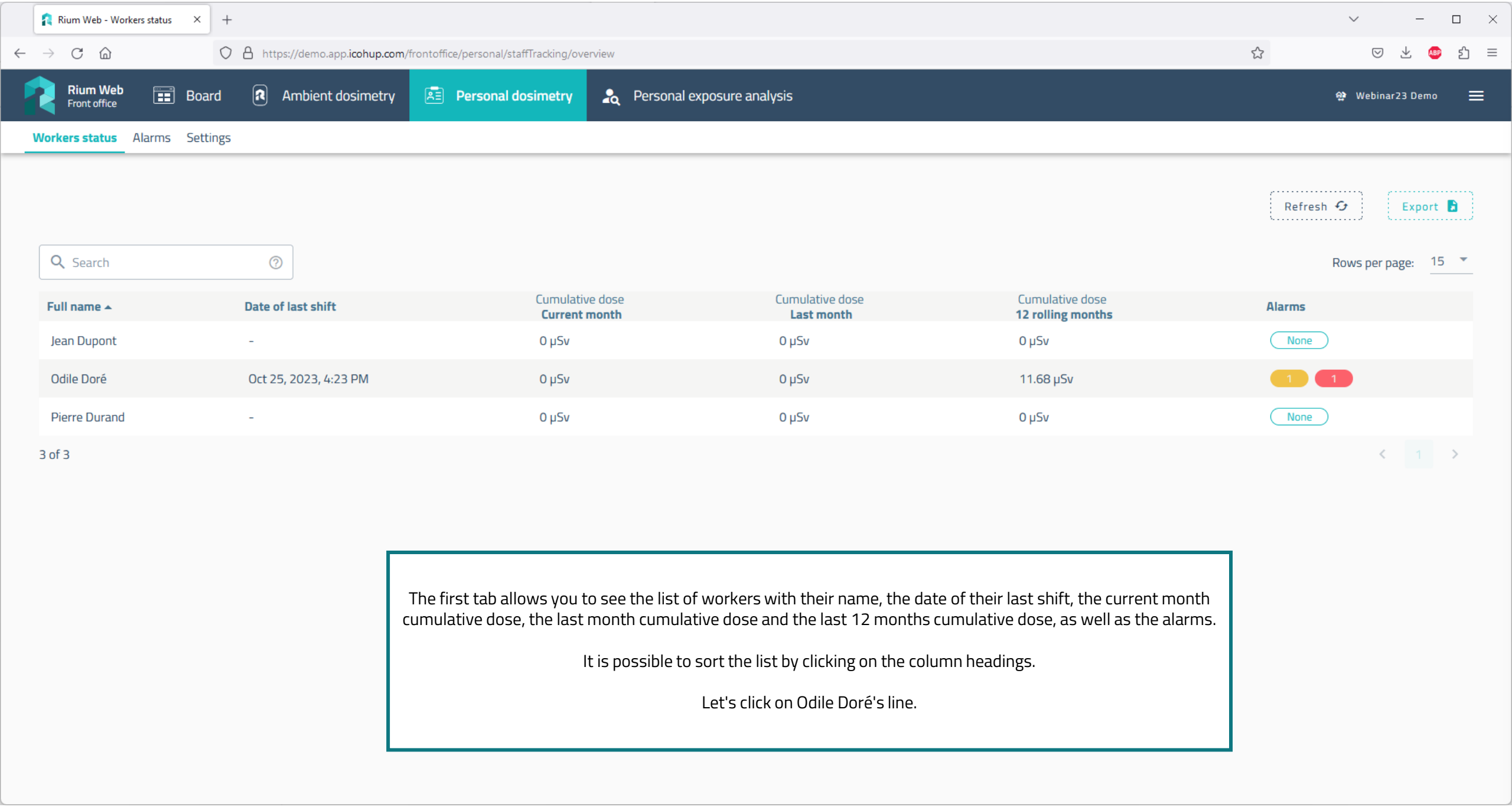

Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Sensor
Room 2
Past 24H dose
~33.09 µSv
Dose rate thresholds
Thresold L1 20 µSv/h
Thresold L2 2000 µSv/h
Dose rate
0.41 µSv/h
Measurement are registered in this tab. You can click in both buttons to display the comment (and other details if the measurement was made by the RiumApp with a radiation survey meter) and to overlook the chart data.
Alarm History
Measurements History
Date
Dose rate
Duration
Alarm
Title
Actions
Jan 15, 2024, 3:50 PM
0.37 µSv/h
5 min
None
Test
1 of 1
Rows per page:
15
Data and charts
In real time
Time range
From
15 / 01 / 2024
15 : 50 : 48
To
15 / 01 / 2024
15 : 55 : 48

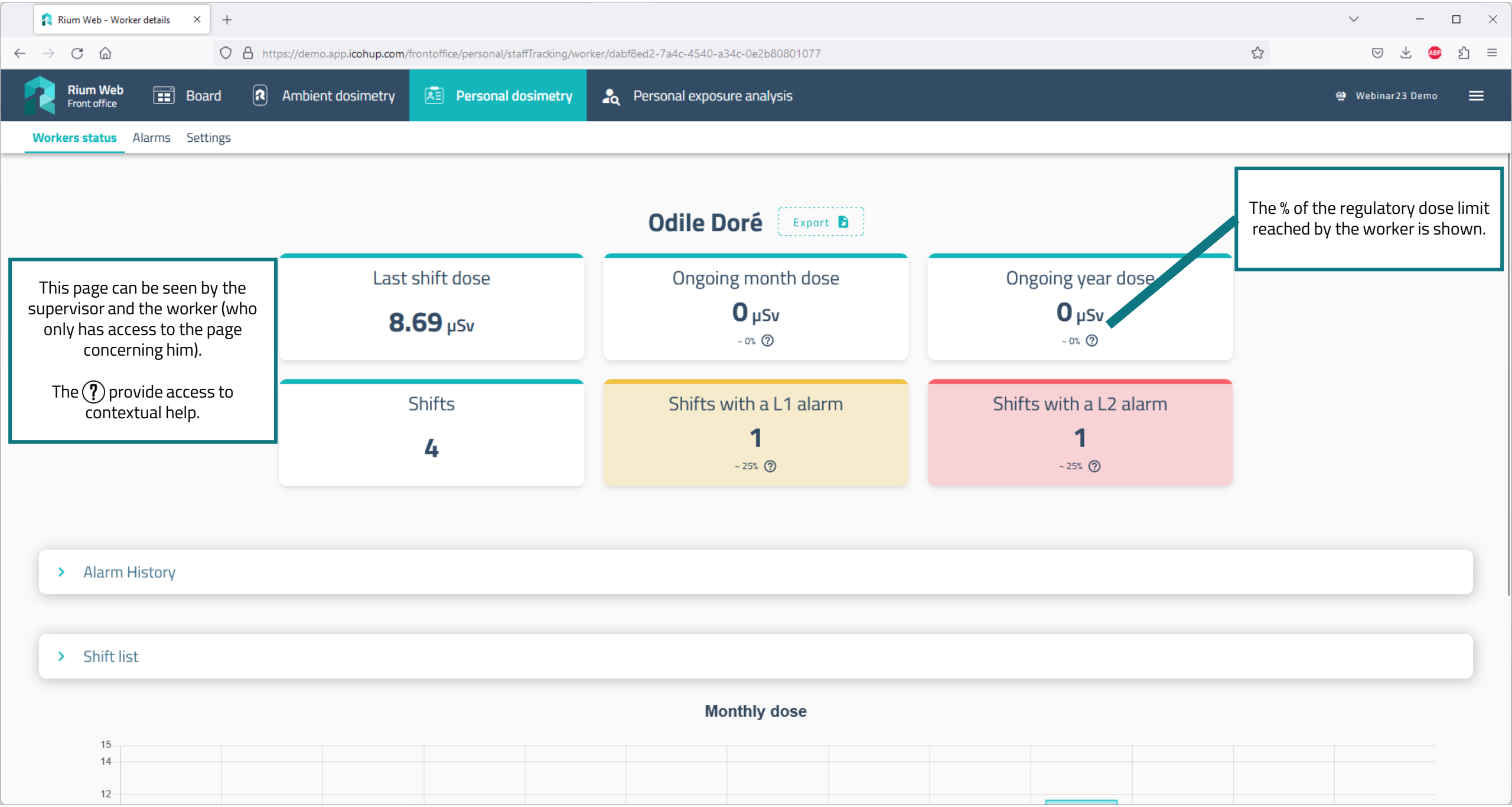

Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Dose rate (µSv/h)
Average = 0.37
15/01/24 15:50:48
5/01/24 15:55:48
At the bottom of the page, there is a chart with the monthly cumulative doses over the last 12 months. This data is extrapolated in the month if the sensor has not been active a 100% of the time.
By hovering the mouse over the monthly bar, two different informations are given:
The extrapolated cumulative dose value (including the background noise)
The "reliability" which is the percentage of the sensor's activity over the month, used for the dose extrapolation calculation.
We usually consider the cumulative dose accurate when the reliability rate exceeds 90%. In any case, all values under 100% must be explained if the dosimeters are used for individual radioprotection.
In this case, the reliability of 18.62% represents a short time use of the dosimeter in October, 2023.
Dose (mSv)
11/23
Dose: 0,2 mSv (accuracy: 18.62 %)
01/23
02/23
03/23
04/23
05/23
06/23
07/23
08/23
09/23
10/23
11/23
12/23
01/24
Date

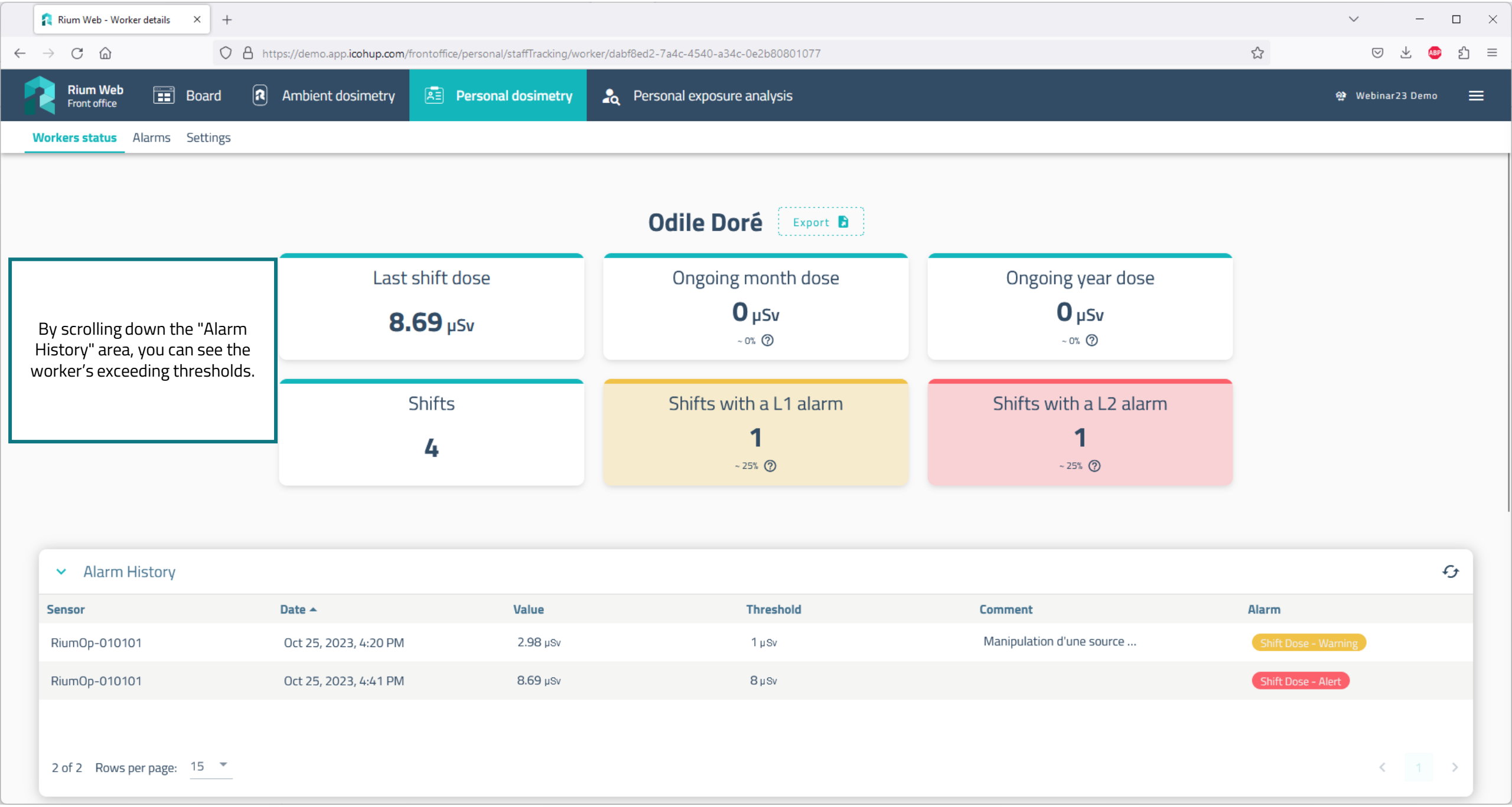
"Personal Dosimetry" module


Rium Web - Detail of a sensor
https://demo.app.icohup.com/frontoffice/sensors/sensorsTracking/details/18d73649-8133-4322-9730-6dcaab8bbeb3
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
List
Maps
World map
Alarms
Settings
Dose rate (µSv/h)
0,8
0,6
0,4
0,2
0
Average = 0.37
15/01/24 15:50:48
15/01/24 15:52:28
55:48
Dose (mSv)
1,2
1,0
0,8
0,6
0,4
0,2
0
01/23
02/23
03/23
04/23
05/23
Let's change modules and discover the personal dosimetry module and the operational dosimeters!


Rium Web - Workers status
https://demo.app.icohup.com/frontoffice/personal/staffTracking/overview
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Refresh
Export
Search
Rows per page: 15
Full name
Date of last shift
Cumulative dose
Current month
Cumulative dose
Last month
Cumulative dose
12 rolling months
Alarms
Jean Dupont - 0 µSv 0 µSv 0 µSv None
Odile Doré Oct 25, 2023, 4:23 PM 0 µSv 0 µSv 11.68 µSv 1 1
Pierre Durand - 0 µSv 0 µSv None
3 of 3
The sub-menu provides access to three tabs


Rium Web - Workers status
https://demo.app.icohup.com/frontoffice/personal/staffTracking/overview
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Refresh
Export
Search
Rows per page: 15
Full name
Date of last shift
Cumulative dose Current month
Cumulative dose Last month
Cumulative dose 12 rolling months
Alarms
Jean Dupont - 0 µSv 0 µSv 0 µSv None
Odile Doré Oct 25, 2023, 4:23 PM 0 µSv 0 µSv 11.68 µSv 1 1
Pierre Durand - 0 µSv 0 µSv 0 µSv None
3 of 3
1
The first tab allows you to see the list of workers with their name, the date of their last shift, the current month cumulative dose, the last month cumulative dose and the last 12 months cumulative dose, as well as the alarms.
It is possible to sort the list by clicking on the column headings.
Let's click on Odile Doré's line.


Rium Web - Worker details
https://demo.app.icohup.com/frontoffice/personal/staffTracking/worker/dabf8ed2-7a4c-4540-a34c-0e2b80801077
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Odile Doré
Export
The % of the regulatory dose limit reached by the worker is shown.
This page can be seen by the supervisor and the worker (who only has access to the page concerning him).
The ? provide access to contextual help.
Last shift dose
8.69 µSv
Ongoing month dose
0 µSv
~ 0%
Ongoing year dose
0 µSv
~ 0%
Shifts
4
Shifts with a L1 alarm
1
~ 25%
Shifts with a L2 alarm
1
~ 25%
Alarm History
Shift list
Monthly dose
15
14
12


Rium Web - Worker details
https://demo.app.icohup.com/frontoffice/personal/staffTracking/worker/dabf8ed2-7a4c-4540-a34c-0e2b80801077
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Odile Doré
Export
By scrolling down the "Alarm History" area, you can see the worker's exceeding thresholds.
Last shift dose
8.69 µSv
Ongoing month dose
0 µSv
~ 0%
Ongoing year dose
0 µSv
~ 0%
Shifts
4
Shifts with a L1 alarm
1
~ 25%
Shifts with a L2 alarm
1
~ 25%
Alarm History
Sensor
Date
Value
Threshold
Comment
Alarm
RiumOp-010101
Oct 25, 2023, 4:20 PM
2.98 µSv
1 µSv
Manipulation d'une source ...
Shift Dose - Warning
RiumOp-010101
Oct 25, 2023, 4:41 PM
8.69 µSv
8 µSv
Shift Dose - Alert
2 of 2
Rows per page:
15
1

Rium Web - Worker details

https://demo.app.icohup.com/frontoffice/personal/staffTracking/worker/dabf8ed2-7a4c-4540-a34c-0e2b80801077

Rium Web Front office | Board | Ambient dosimetry | Personal dosimetry | Personal exposure analysis | Webinar23 Demo

Workers status | Alarms | Settings

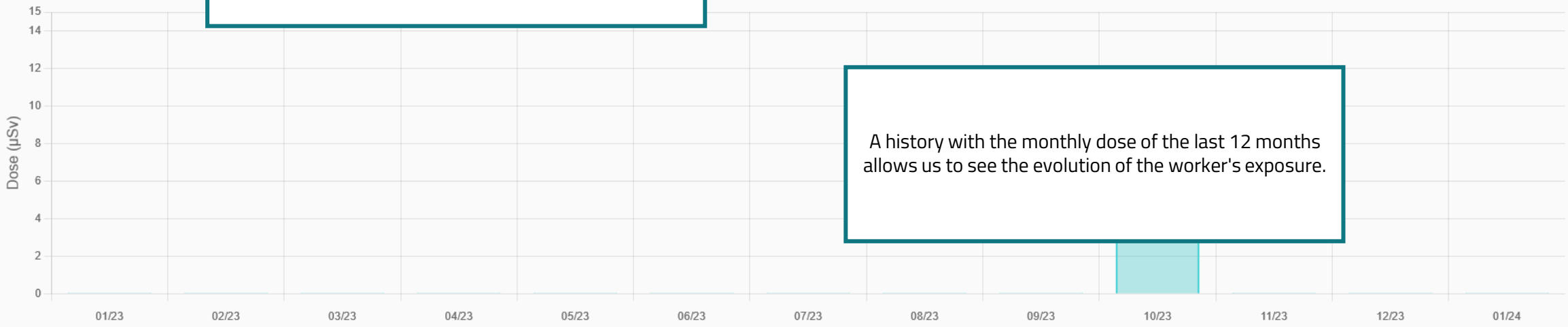
Shift list

Start	End	Duration	Dose	Dose rate	Alarm
Oct 25, 2023, 4:23 PM	Oct 25, 2023, 4:41 PM	17 min 28 s	8.69 µSv	30.69 µSv/h	Alert
Oct 25, 2023, 4:12 PM	Oct 25, 2023, 4:20 PM	8 min 33 s	2.98 µSv	19.87 µSv/h	Warning
Oct 25, 2023, 3:49 PM	Oct 25, 2023, 3:57 PM	8 min 20 s	0.01 µSv	0.08 µSv/h	None
Oct 25, 2023, 3:46 PM	Oct 25, 2023, 3:48 PM	2 min 3 s	0 µSv	0.07 µSv/h	None

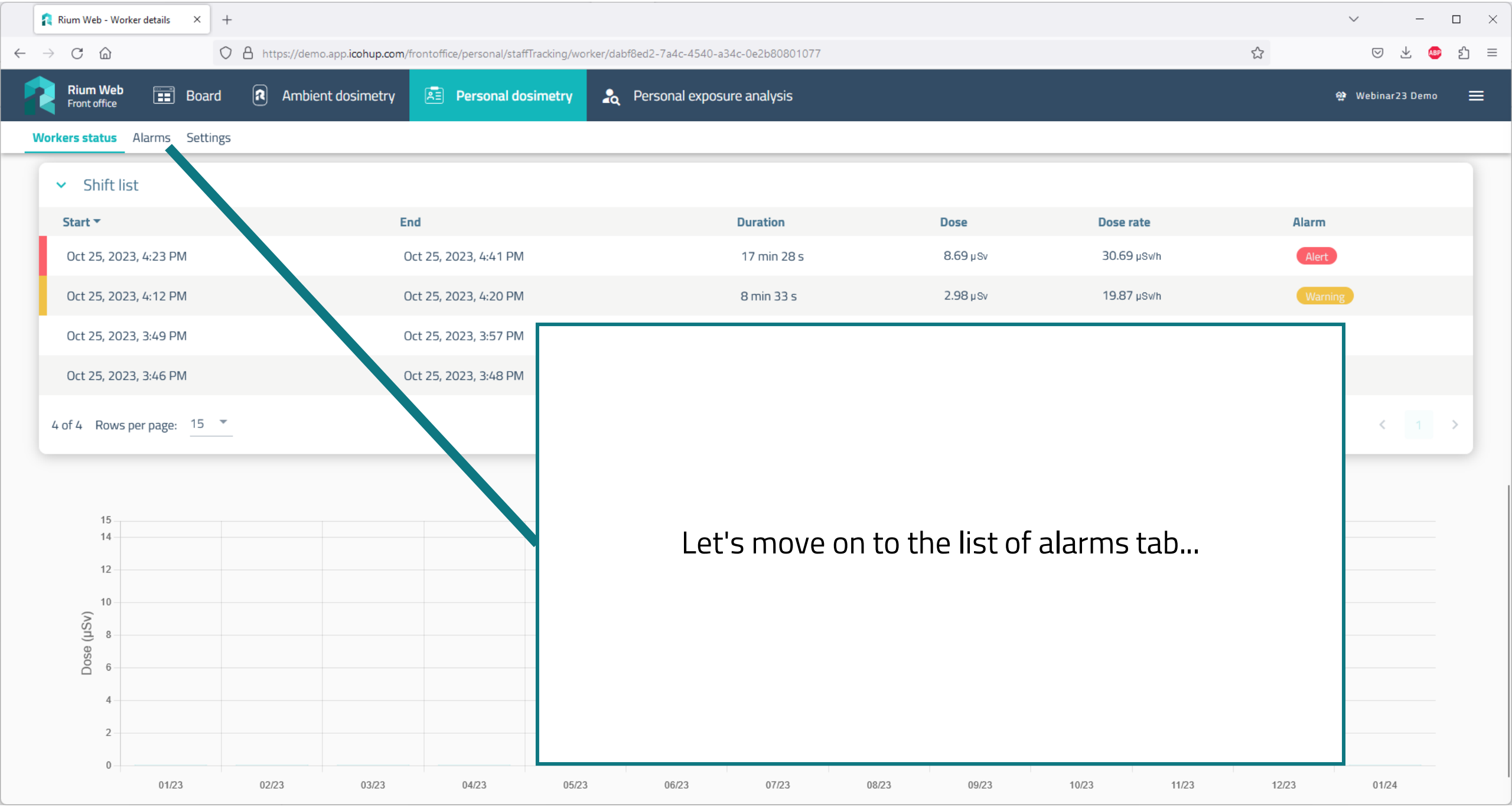
4 of 4 Rows per page: 15

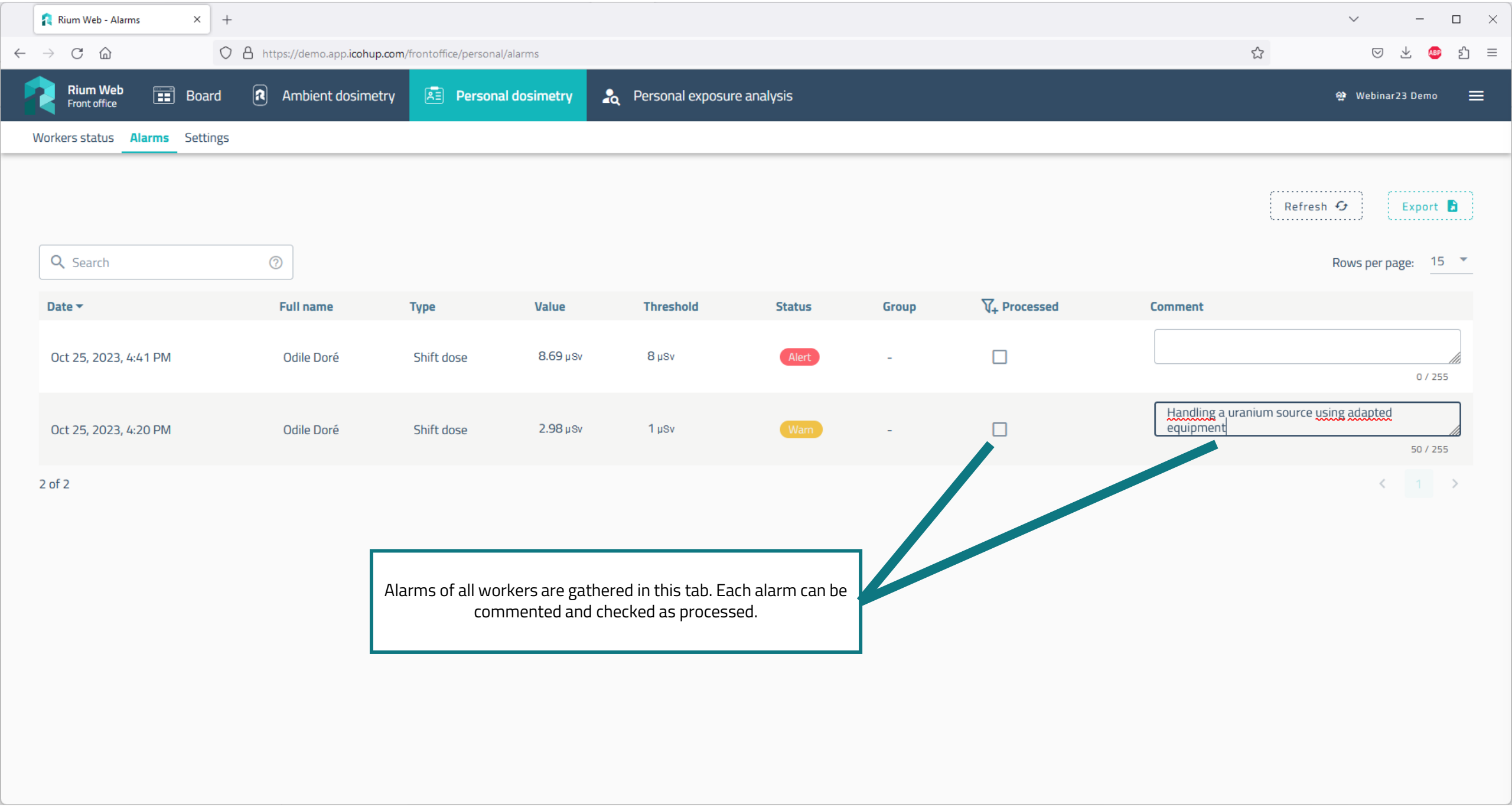
Each shift is listed with the date, duration, the cumulative dose, the average dose rate and the alarms.

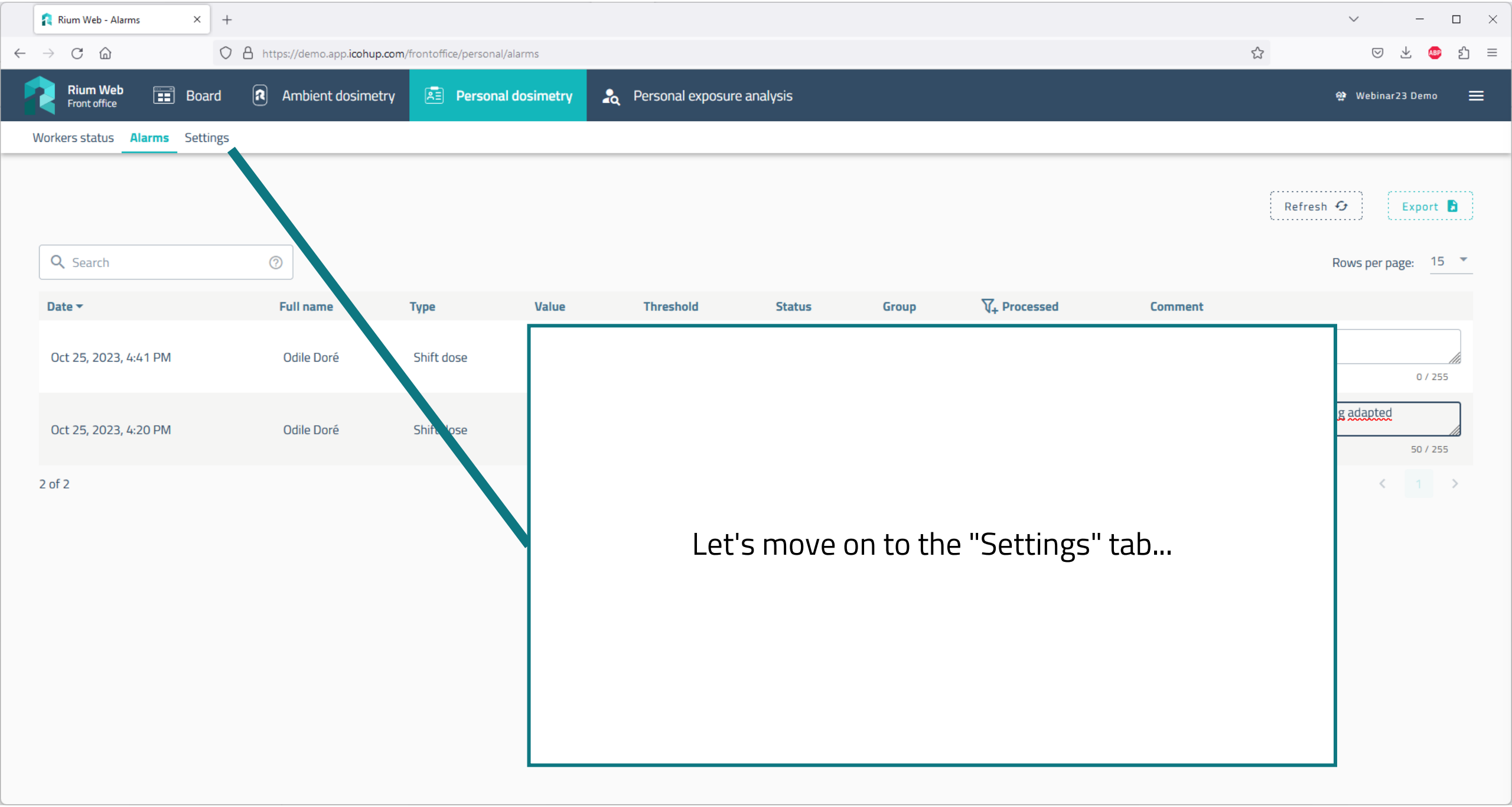
Monthly dose

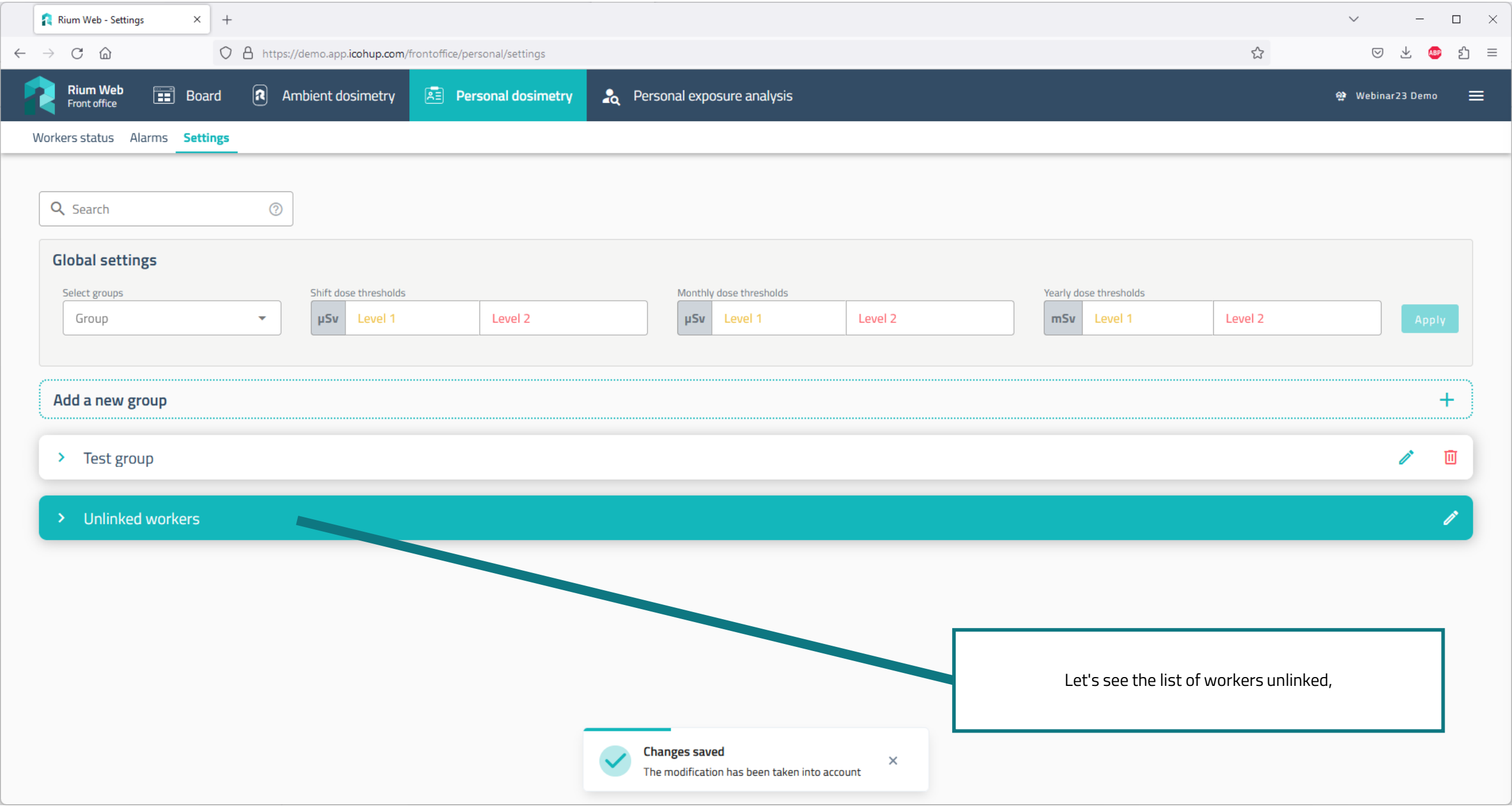


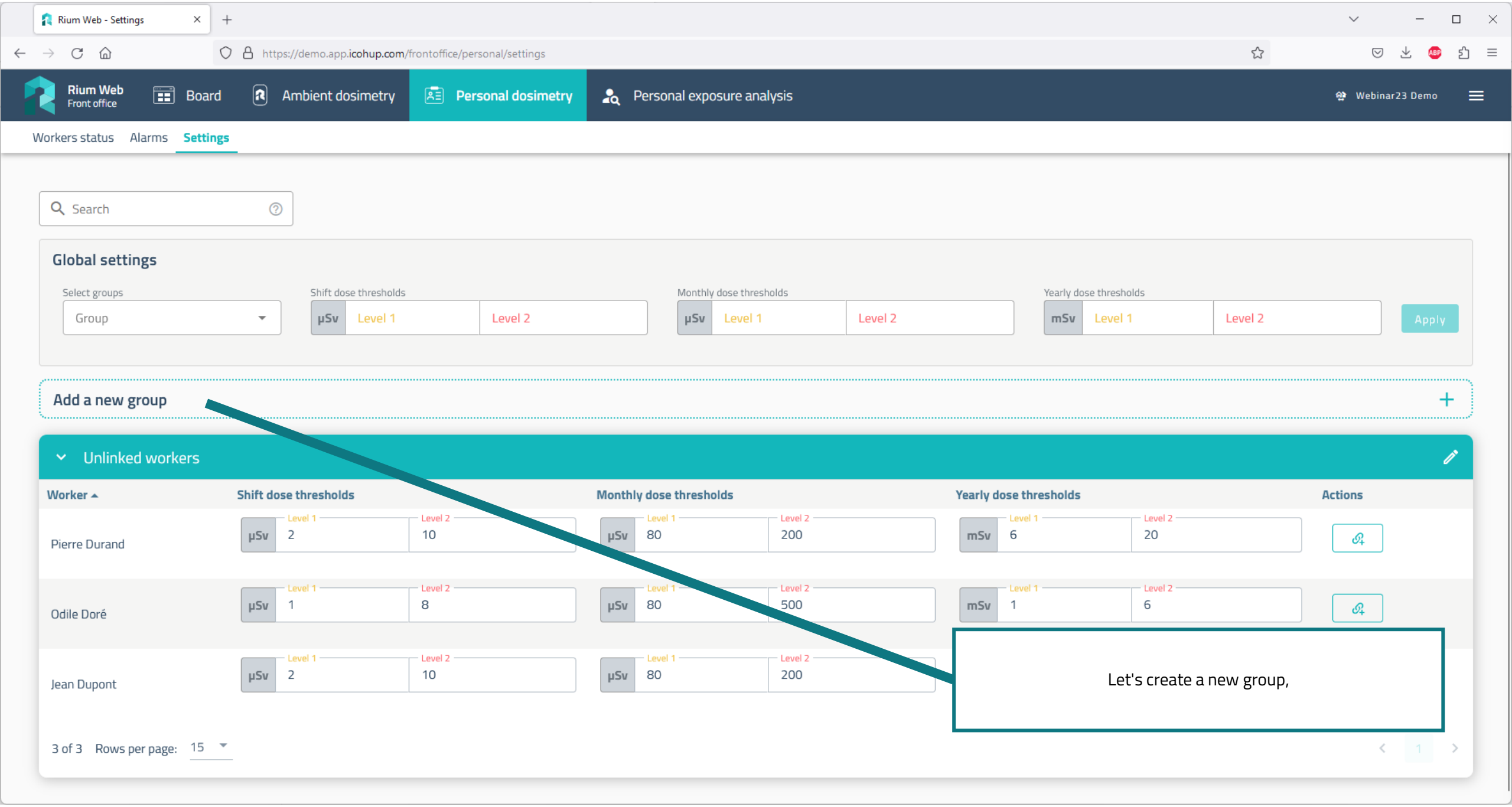
A history with the monthly dose of the last 12 months allows us to see the evolution of the worker's exposure.

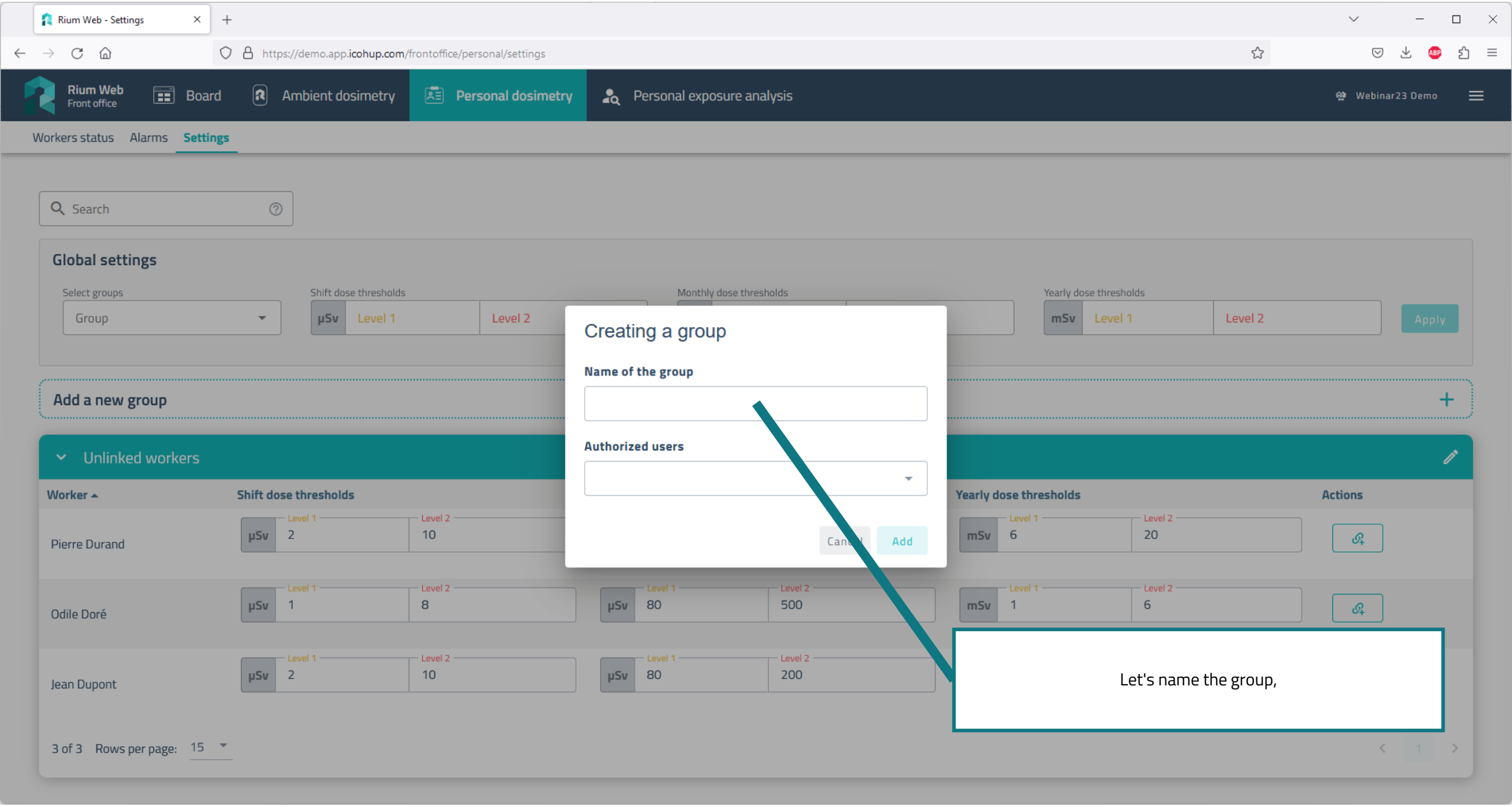

Rium Web - Worker details
https://demo.app.icohup.com/frontoffice/personal/staffTracking/worker/dabf8ed2-7a4c-4540-a34c-0e2b80801077
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Shift list
Start
End
Duration
Dose
Dose rate
Alarm
Oct 25, 2023, 4:23 PM
Oct 25, 2023, 4:41 PM
17 min 28 s
8.69 µSv
30.69 µSv/h
Alert
Oct 25, 2023, 4:12 PM
Oct 25, 2023, 4:20 PM
8 min 33 s
2.98 µSv
19.87 µSv/h
Warning
Oct 25, 2023, 3:49 PM
Oct 25, 2023, 3:57 PM
Oct 25, 2023, 3:46 PM
Oct 25, 2023, 3:48 PM
4 of 4
Rows per page:
15
Let's move on to the list of alarms tab...
Dose (µSv)
01/23
02/23
03/23
04/23
05/23
06/23
07/23
08/23
09/23
10/23
11/23
12/23
01/24

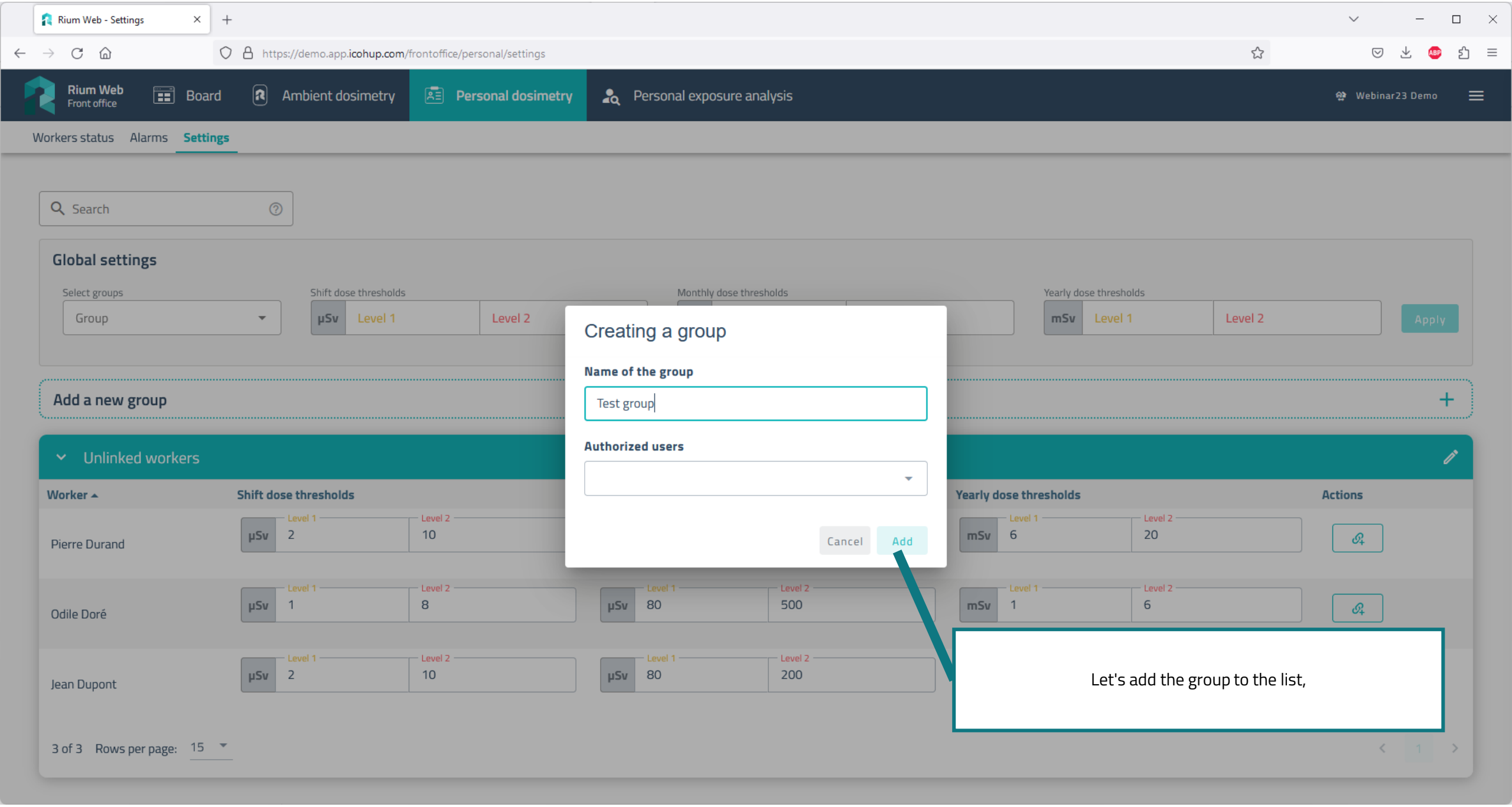

Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/personal/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Refresh
Export
Search
Rows per page: 15
Date
Full name
Type
Value
Threshold
Status
Group
Processed
Comment
Oct 25, 2023, 4:41 PM
Odile Doré
Shift dose
8.69 µSv
8 µSv
Alert
-
0 / 255
Oct 25, 2023, 4:20 PM
Odile Doré
Shift dose
2.98 µSv
1 µSv
Warn
-
Handling a uranium source using adapted equipment
50 / 255
2 of 2
1
Alarms of all workers are gathered in this tab. Each alarm can be commented and checked as processed.


Rium Web - Alarms
https://demo.app.icohup.com/frontoffice/personal/alarms
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Refresh
Export
Search
Rows per page:
15
Date
Full name
Type
Value
Threshold
Status
Group
Processed
Comment
Oct 25, 2023, 4:41 PM
Odile Doré
Shift dose
0 / 255
Oct 25, 2023, 4:20 PM
Odile Doré
g adapted
50 / 255
2 of 2
Let's move on to the "Settings" tab...


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/personal/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Search
Global settings
Select groups
Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
µSv
Level 1
Level 2
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Test group
Unlinked workers
Let's see the list of workers unlinked,
Changes saved
The modification has been taken into account


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/personal/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Search
Global settings
Select groups
Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
µSv
Level 1
Level 2
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Unlinked workers
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
mSv
Level 1
1
Level 2
6
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
Let's create a new group,
3 of 3
Rows per page:
15
1


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/personal/settings
Rium Web
Front office
Board
Ambient dosimetry
Personal dosimetry
Personal exposure analysis
Webinar23 Demo
Workers status
Alarms
Settings
Search
Global settings
Select groups
Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Creating a group
Name of the group
Authorized users
Add
Unlinked workers
Worker
Shift dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
mSv
Level 1
1
Level 2
6
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
Let's name the group,
3 of 3
Rows per page:
15


Rium Web - Settings
https://demo.app.icohup.com/frontoffice/personal/settings
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Personal dosimetry
Personal exposure analysis
Webinar23 Demo
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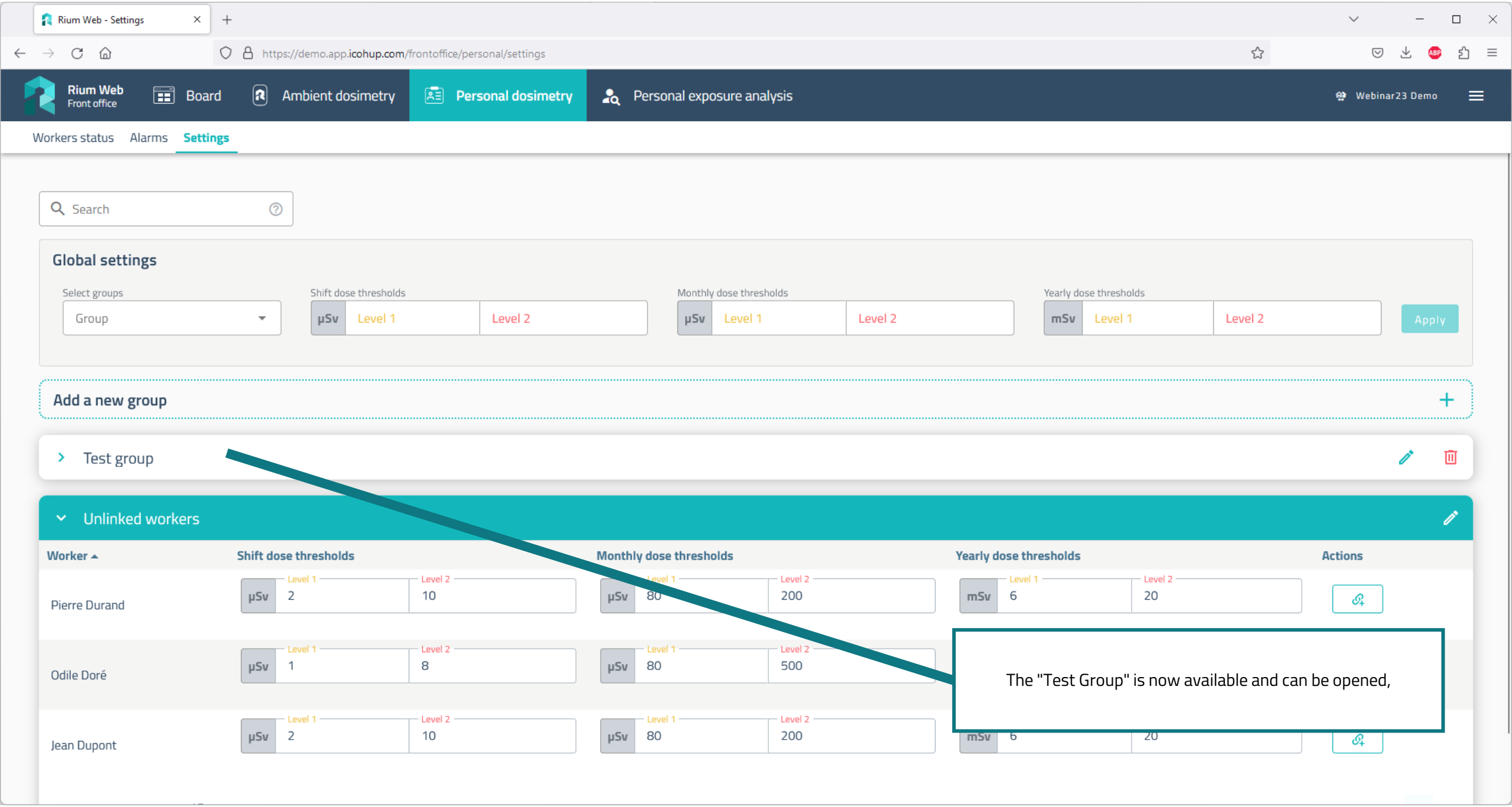
Alarms
Settings
Search
Global settings
Select groups
Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Creating a group
Name of the group
Test group
Authorized users
Cancel
Add
Unlinked workers
Worker
Shift dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
mSv
Level 1
1
Level 2
6
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
3 of 3
Rows per page:
15
Let's add the group to the list,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Search
Global settings
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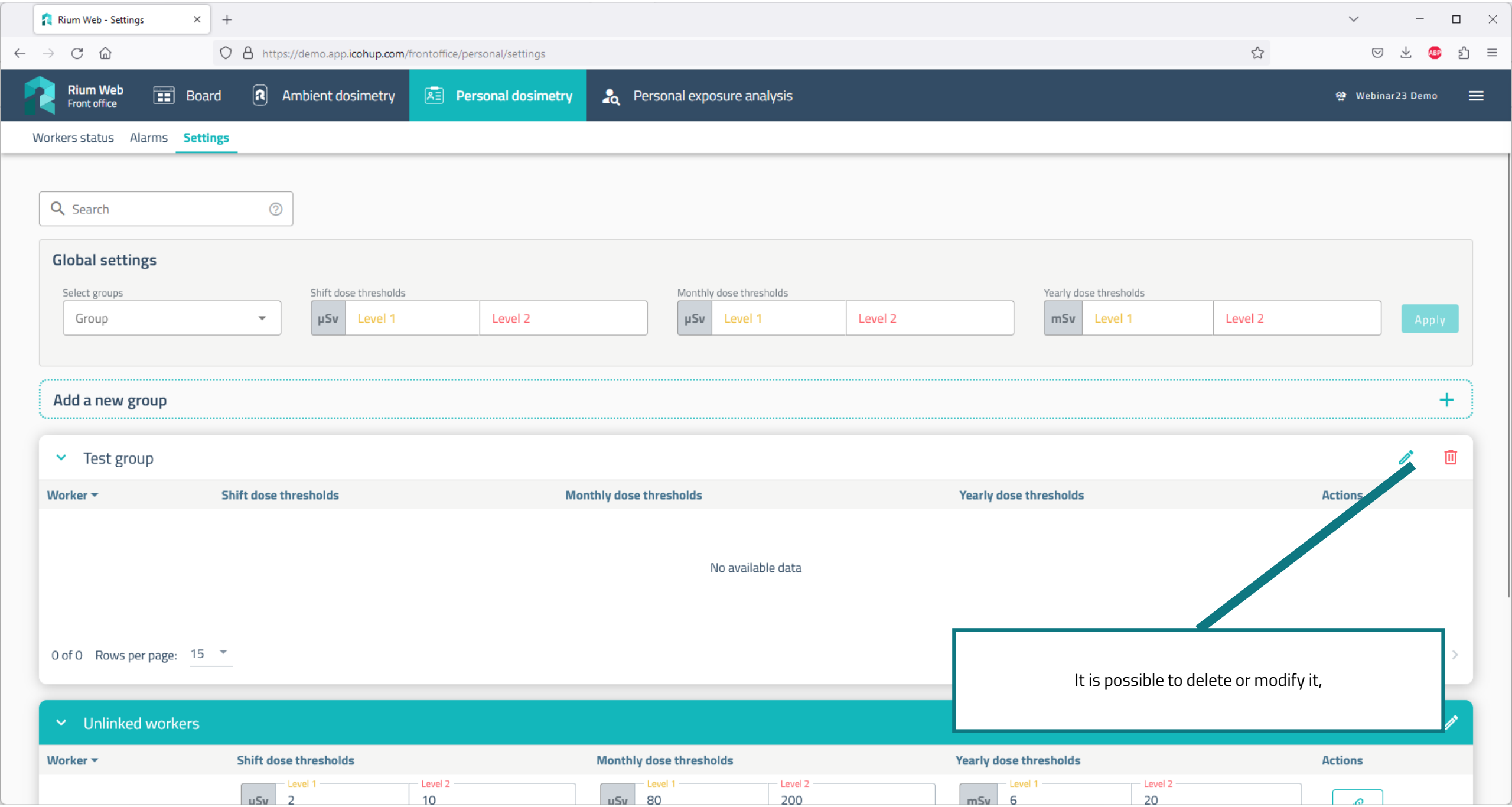
Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
µSv
Level 1
Level 2
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Test group
Unlinked workers
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
6
20
The "Test Group" is now available and can be opened,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Search
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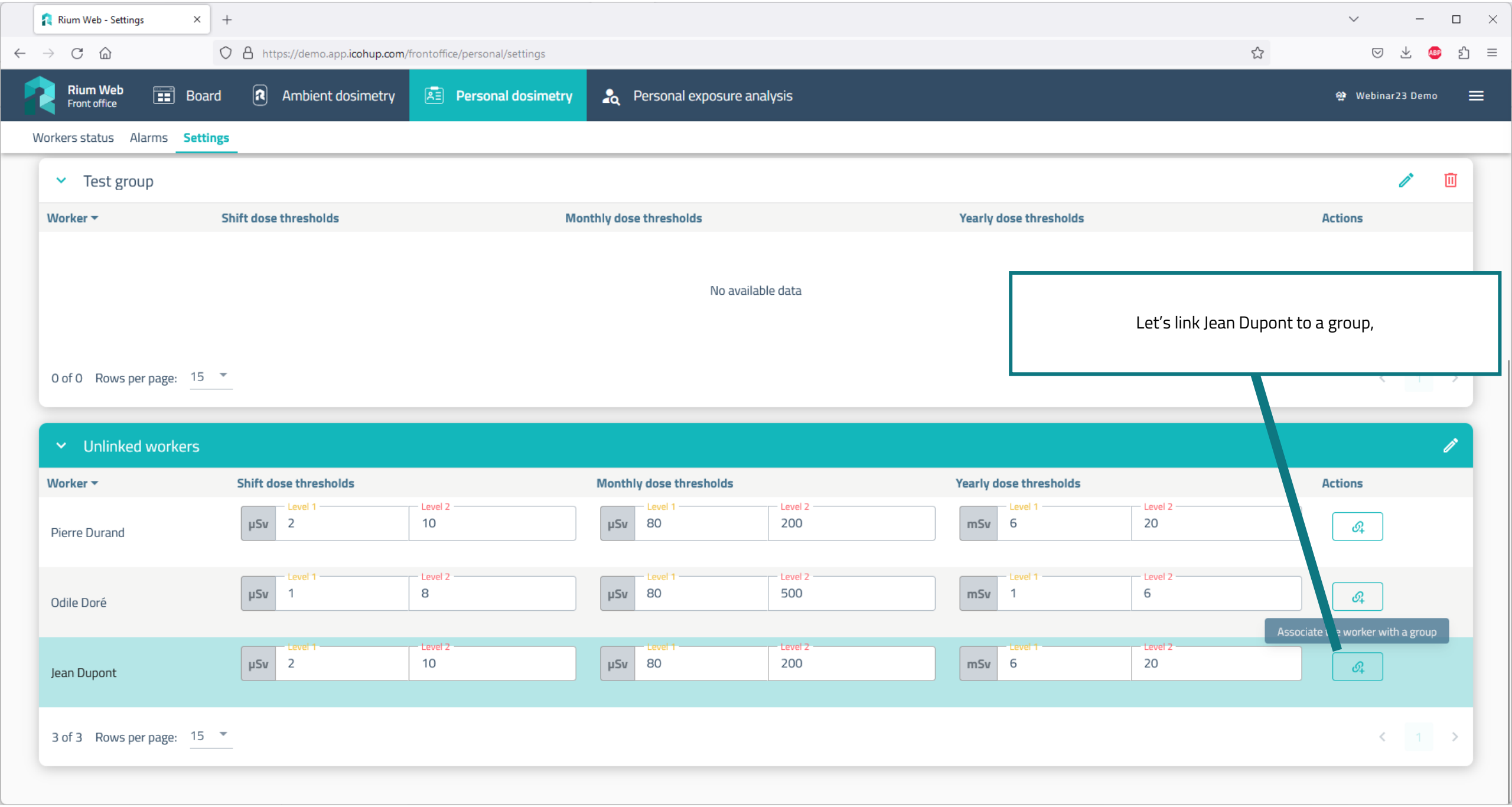
Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
µSv
Level 1
Level 2
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Test group
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
No available data
0 of 0
Rows per page:
15
It is possible to delete or modify it,
Unlinked workers
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20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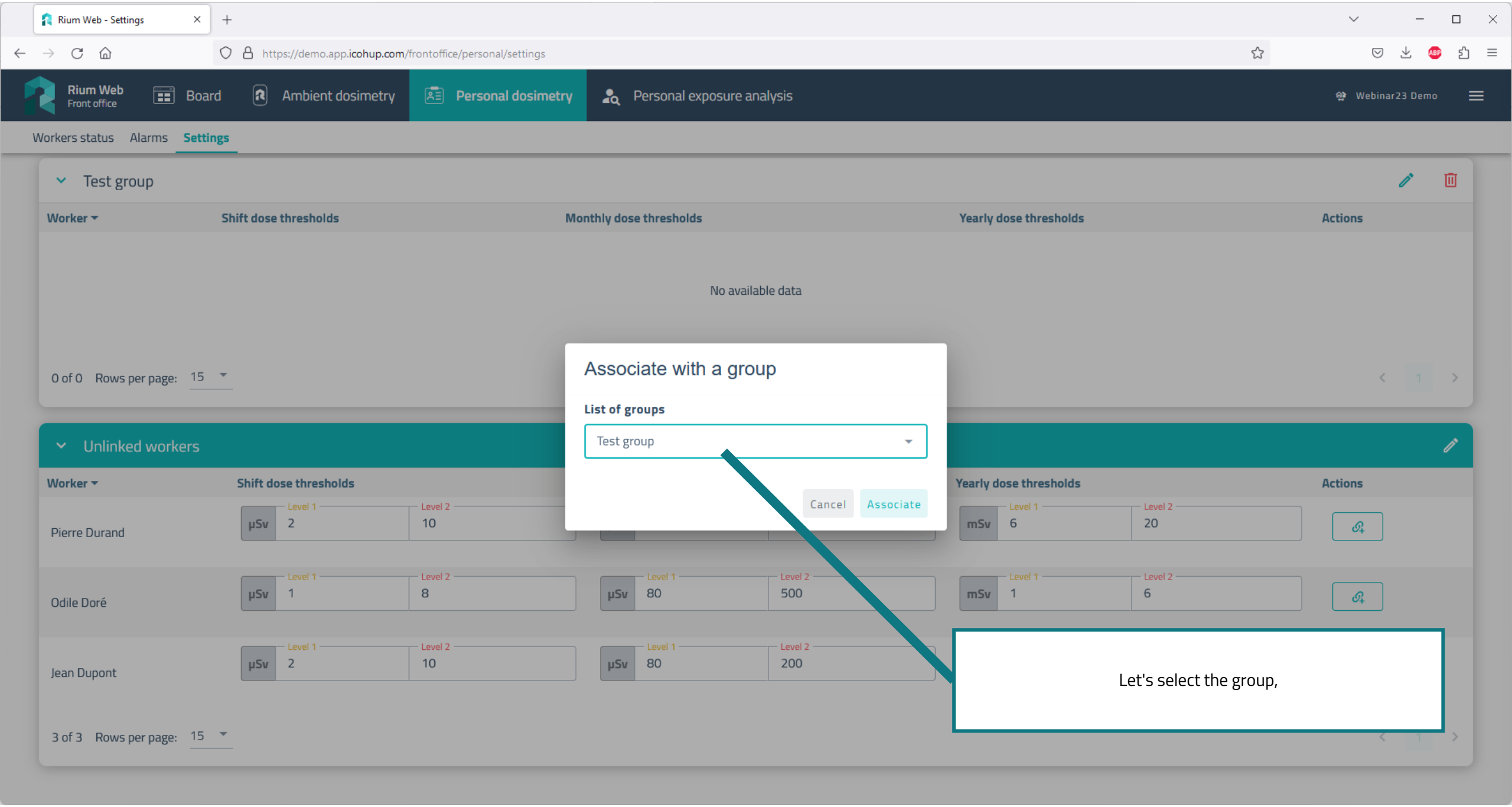
Alarms
Settings
Test group
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
No available data
0 of 0
Rows per page:
15
Let's link Jean Dupont to a group,
Unlinked workers
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
mSv
Level 1
1
Level 2
6
Associate the worker with a group
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20
3 of 3
Rows per page:
15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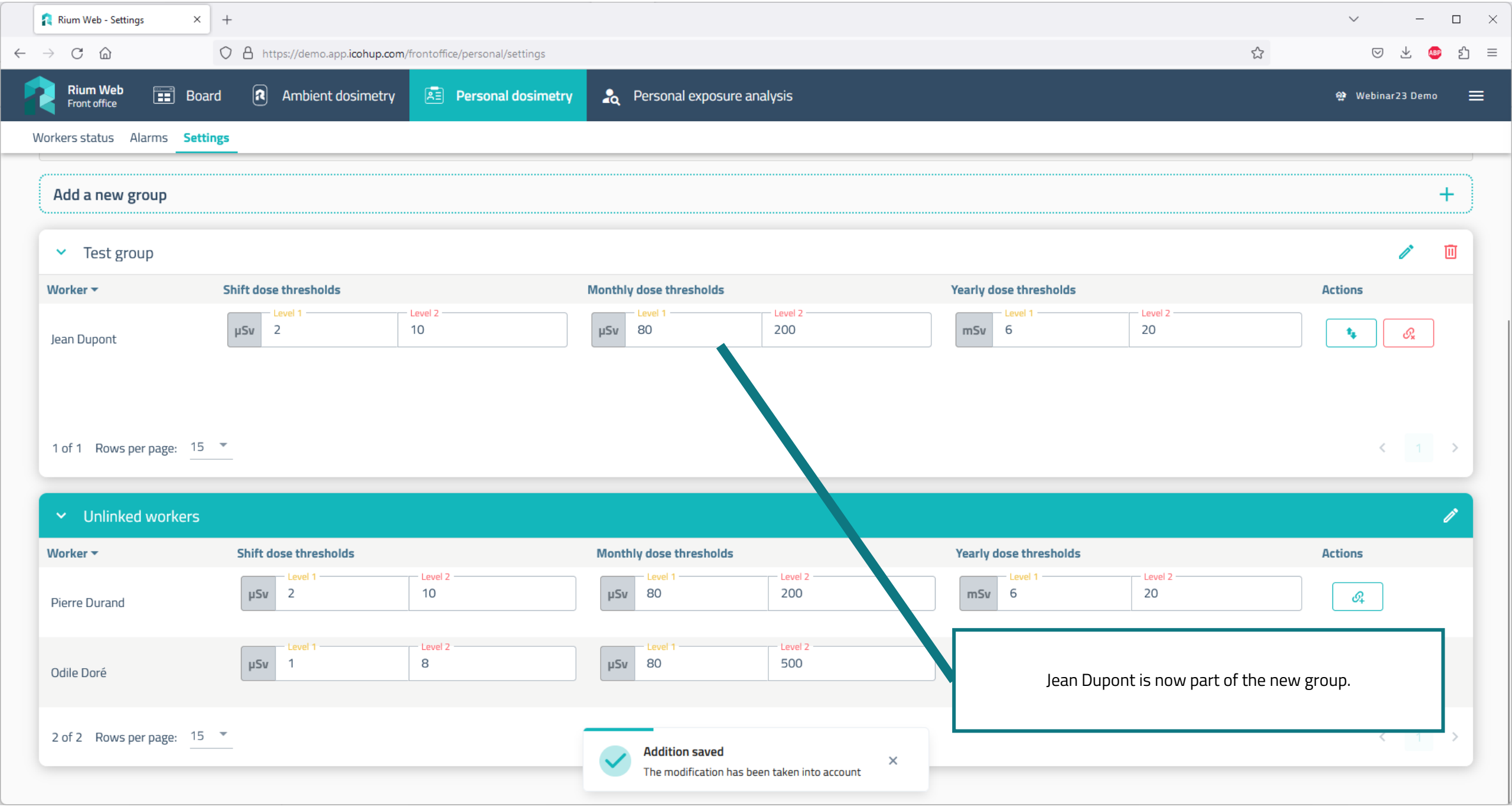
Alarms
Settings
Test group
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
No available data
0 of 0
Rows per page:
15
Associate with a group
List of groups
Test group
Cancel
Associate
Unlinked workers
Worker
Shift dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
mSv
Level 1
1
Level 2
6
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
3 of 3
Rows per page:
15
Let's select the group,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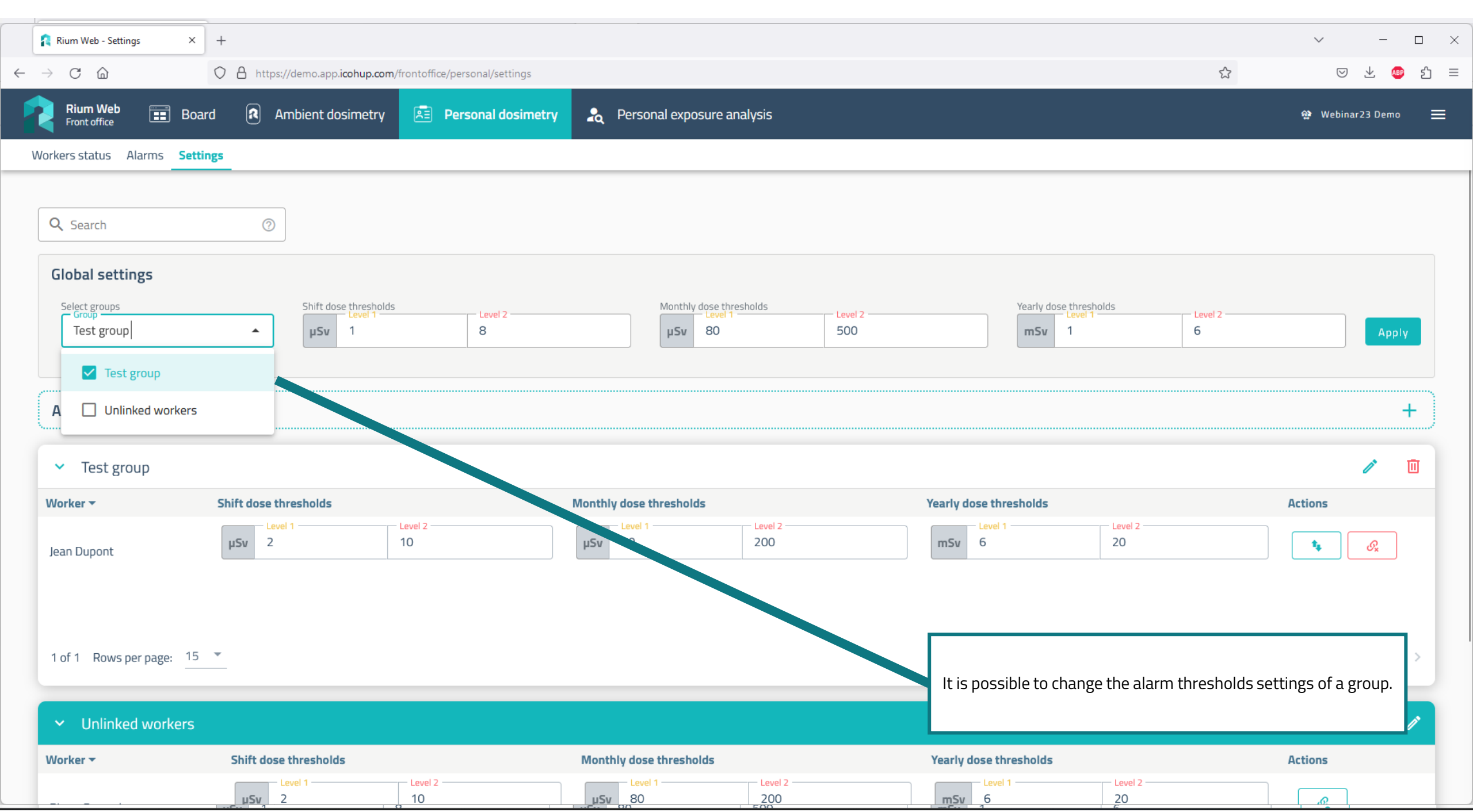
Settings
Add a new group
Test group
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20
1 of 1
Rows per page:
15
Unlinked workers
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
Pierre Durand
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20
Odile Doré
µSv
Level 1
1
Level 2
8
µSv
Level 1
80
Level 2
500
2 of 2
Rows per page:
15
Addition saved
The modification has been taken into account
Jean Dupont is now part of the new group.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Select groups
Group
Test group
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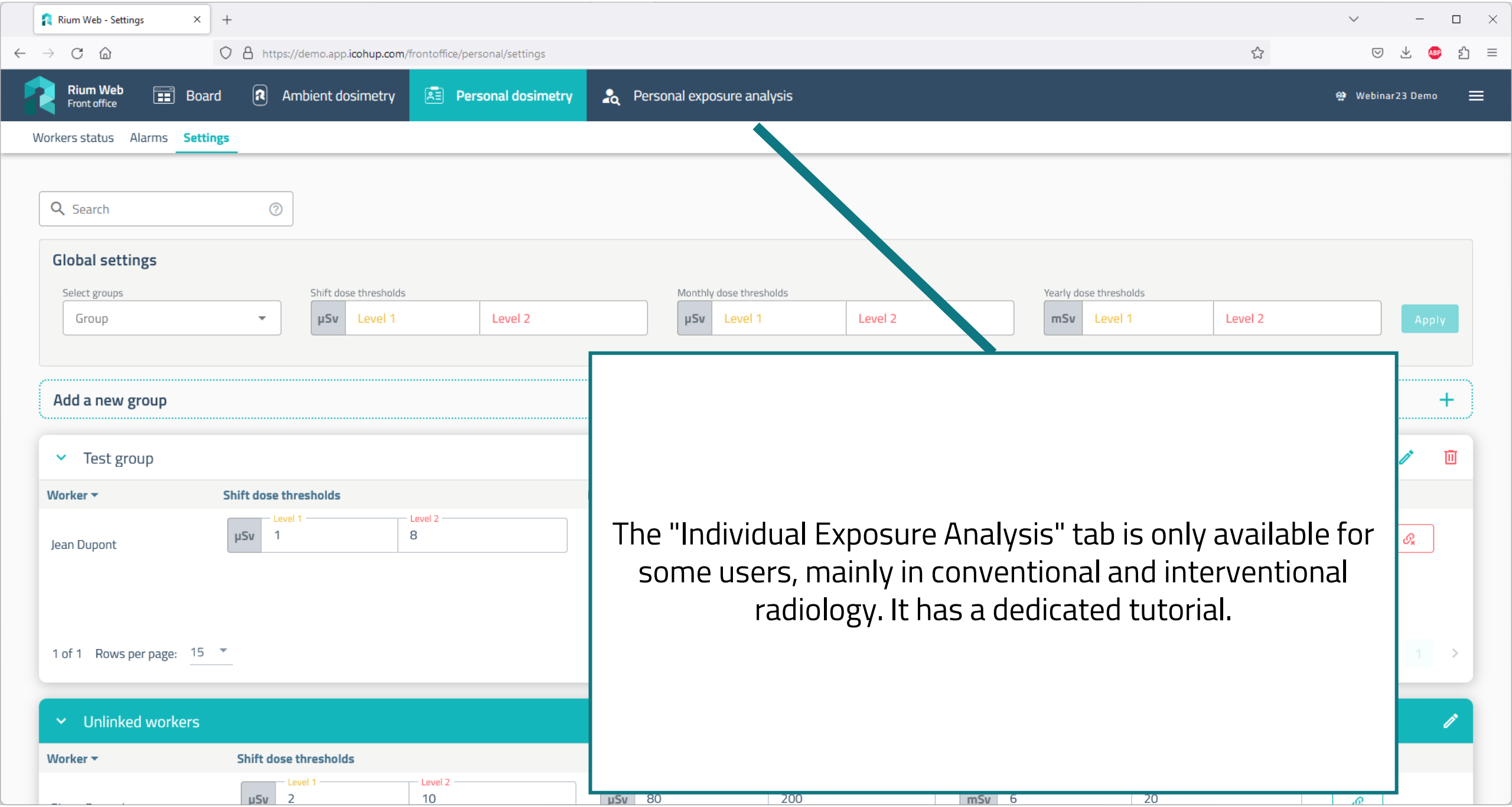
µSv
Level 1
1
Level 2
8
Monthly dose thresholds
µSv
Level 1
80
Level 2
500
Yearly dose thresholds
mSv
Level 1
1
Level 2
6
Apply
Test group
Unlinked workers
Test group
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
Jean Dupont
µSv
Level 1
2
Level 2
10
µSv
Level 1
Level 2
200
mSv
Level 1
6
Level 2
20
1 of 1
Rows per page:
15
It is possible to change the alarm thresholds settings of a group.
Unlinked workers
Worker
Shift dose thresholds
Monthly dose thresholds
Yearly dose thresholds
Actions
µSv
Level 1
2
Level 2
10
µSv
Level 1
80
Level 2
200
mSv
Level 1
6
Level 2
20

Module "Individual Exposure Analysis"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Settings
Search
Global settings
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Group
Shift dose thresholds
µSv
Level 1
Level 2
Monthly dose thresholds
µSv
Level 1
Level 2
Yearly dose thresholds
mSv
Level 1
Level 2
Apply
Add a new group
Test group
Worker
Shift dose thresholds
Jean Dupont
µSv
Level 1
1
Level 2
8
1 of 1
Rows per page:
15
Unlinked workers
Worker
Shift dose thresholds
µSv
Level 1
2
Level 2
10
µSv
80
200
mSv
6
20
The "Individual Exposure Analysis" tab is only available for some users, mainly in conventional and interventional radiology. It has a dedicated tutorial.

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RiumWeb allows you to manage your sensors, follow real-time measurements, map risks, calculate workers exposure and several other features.

Rium Web

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Password

Log in

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