



IN-PREP

CRIMSON

FSX2 features

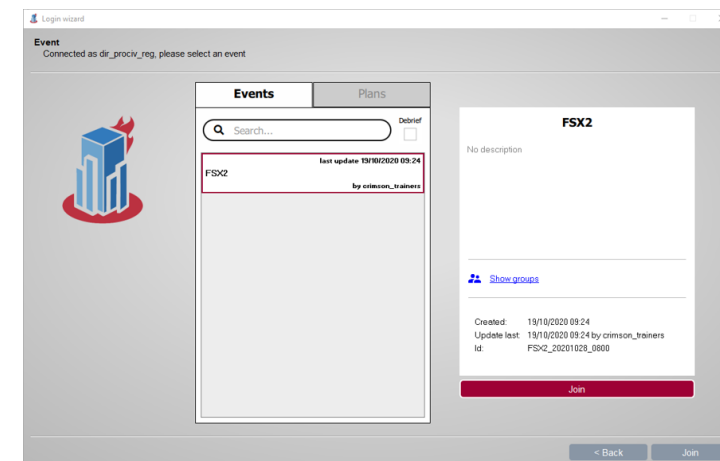
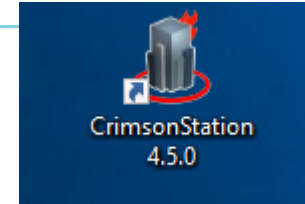
Guillaume INGLESE

DIGINEXT



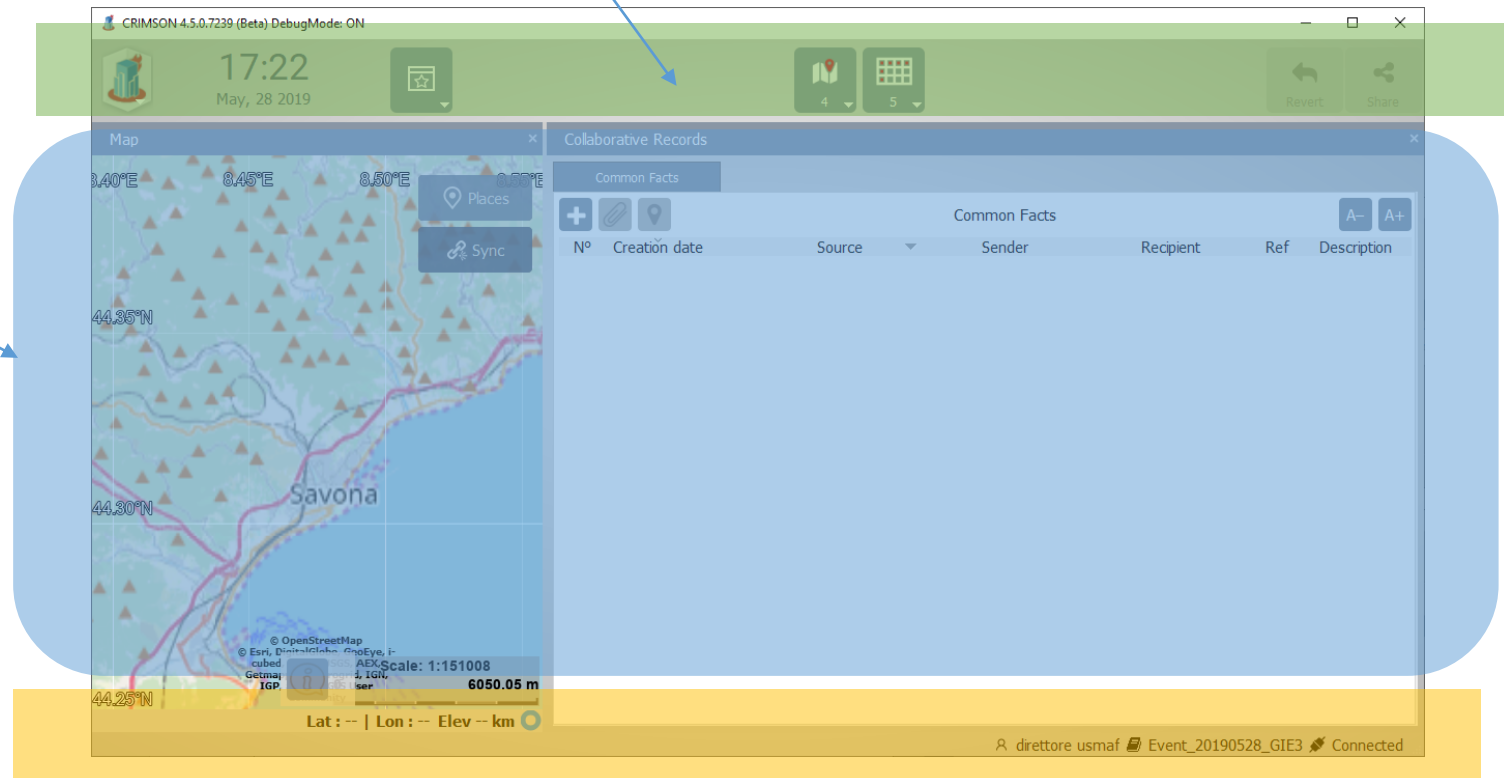
COP User interface

- Start from desktop shortcut
- User log-in
 - Select inprep-online
 - Enter your user name and password
 - Select an Event
 - FSX2_20201028_0800



COP User interface

- Header bar: Buttons (layouts, notifications, ...)
- Tabs
 - Map, incidents
 - Modelling results
- Footer bar
 - Logged-in user
 - Current event



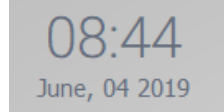
COP User interface

- Header bar (from left to Right)

- Main menu: to quit



- Date/Time



- Layout: To have the map and collaborative table displayed

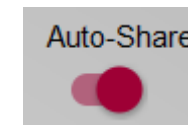


- Notifications button: when new information is available



- last button:

- Auto-Share (make sure it is on)



COP User interface

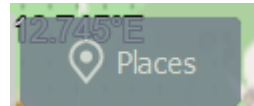
- **Layout**



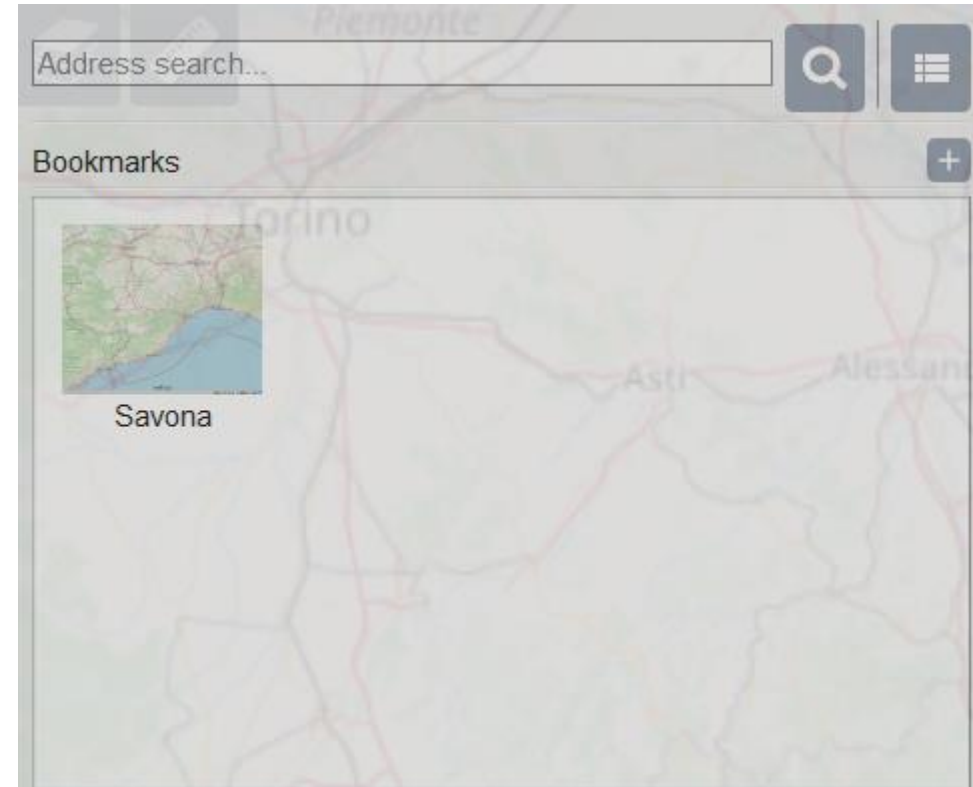
- the UI is split in 3 areas:
- Incident list tab
- The Map/3D tab
 - To see Modelling Result layers
- last area with: Incidents details (and message to others), Modelling Results (MR)

COP User interface

○ Map Bookmark



- In the map upper right corner
- Provide bookmarked view to specific area
- New places can be added



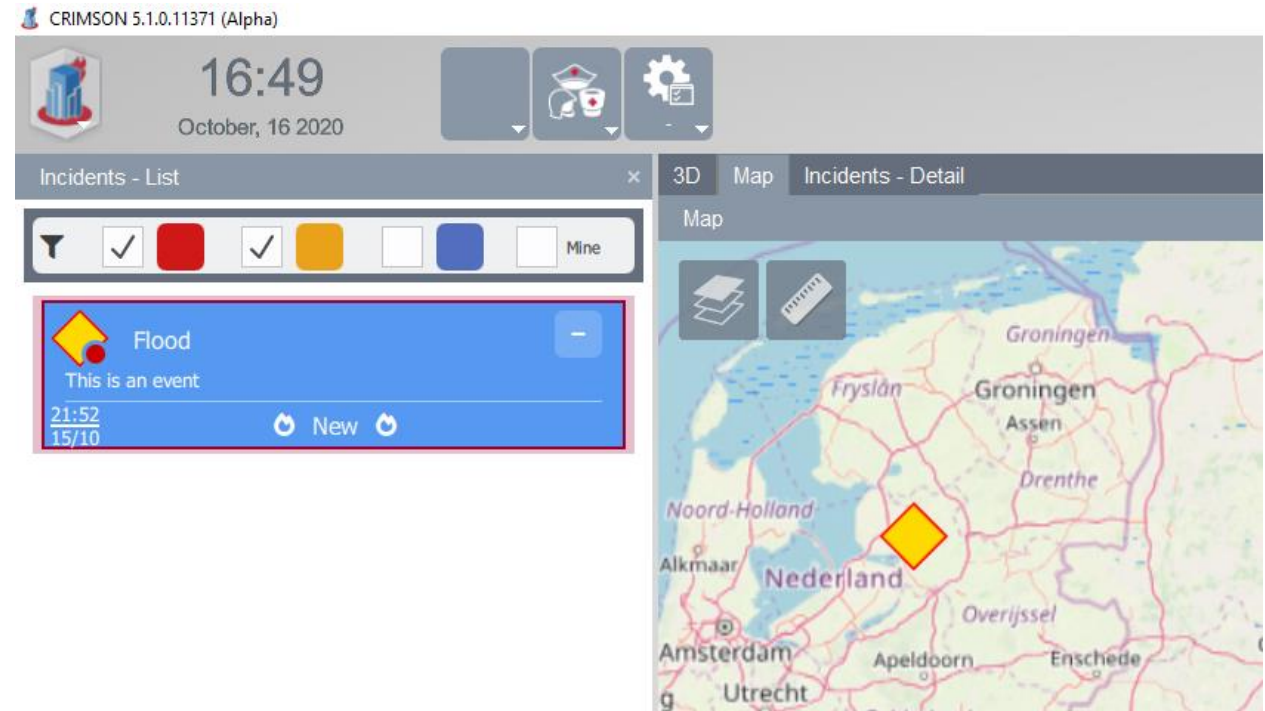
COP User interface:

- Incidents - List Tab:

when an event is received

- **On the incident list tab:** an incident is created

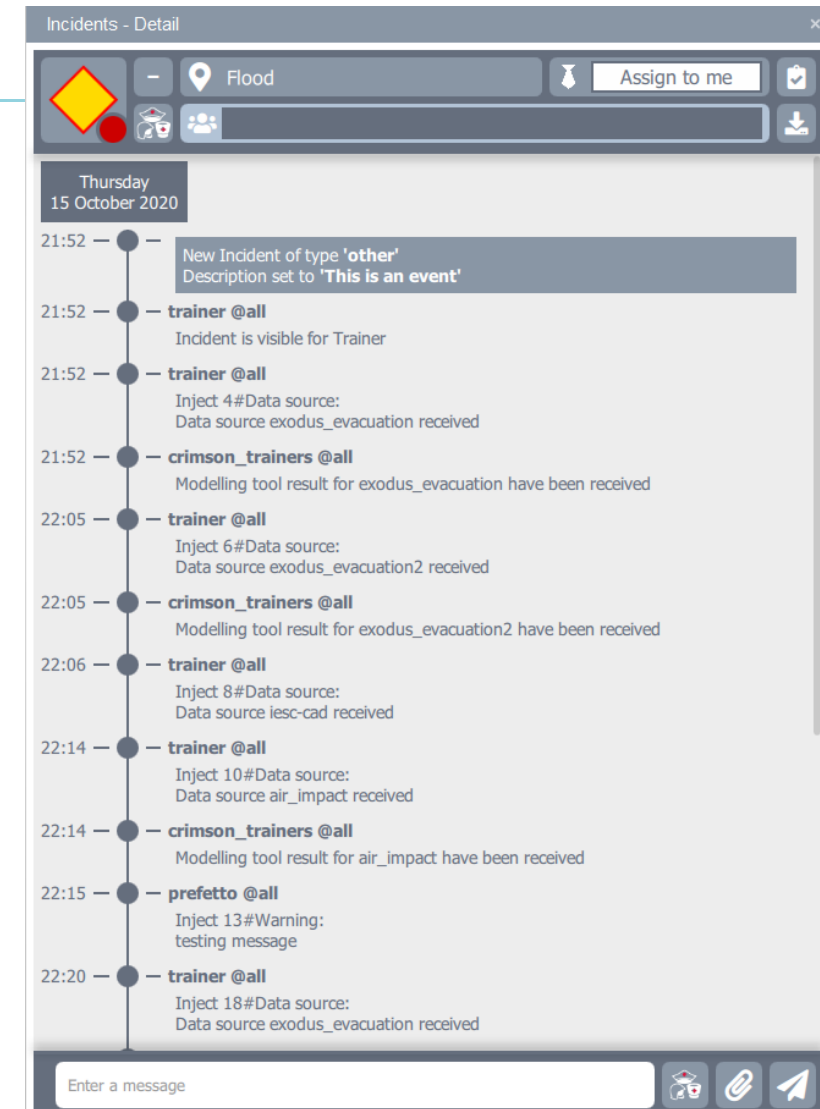
- **On the map:** An icon is created to represent the new incident



COP User interface: Incident

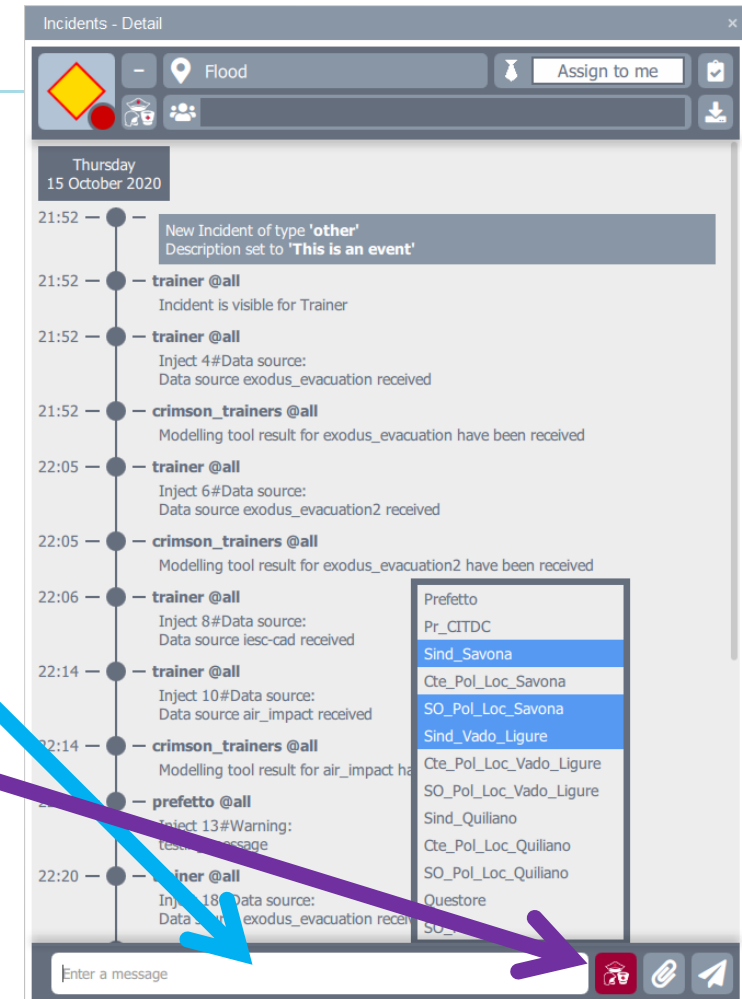
○ Incidents - Detail Tab :

- the incident will be represented by a timeline
- **On this timeline**, all the informative relatives to this incident will be displayed :
the inject from the SB, the modelling result, the messages exchanged ...



COP User interface: Incident

- You can send messages/decisions/orders using the bottom area
- You can select specific recipients, with the button on the right



COP User interface: Modelling Results (MR)

- When an inject is sent from SB
 - A new line is available in the upper panel
 - On the right panel, you can see the defined parameters
 - the user can click on “*request*”

The screenshot displays the 'ModellingResults' window with the 'Incidents - Detail' tab selected. The main area is divided into two panels. The left panel, titled 'Inject and request', contains a table with columns 'Date', 'Type', and 'Status'. The right panel, titled 'Defined Parameters', contains a table with columns 'Name' and 'Value'.

Date	Type	Status
15/10 22:20	exodus_evacuation	
15/10 22:20	exodus_evacuation	
15/10 22:20	exodus_evacuation	
15/10 22:20	exodus_evacuation	
> 15/10 22:14	air_impact	
> 15/10 22:06	iesc-cad	
> 15/10 22:05	exodus_evacuation2	
> 15/10 21:52	exodus_evacuation	

Name	Value
Hazard Profile...	FSX1-BelfastScenario1_YellowTruck_...
Building Profil...	Belfast-1

At the bottom right of the 'Defined Parameters' panel, there is a 'Request' button.

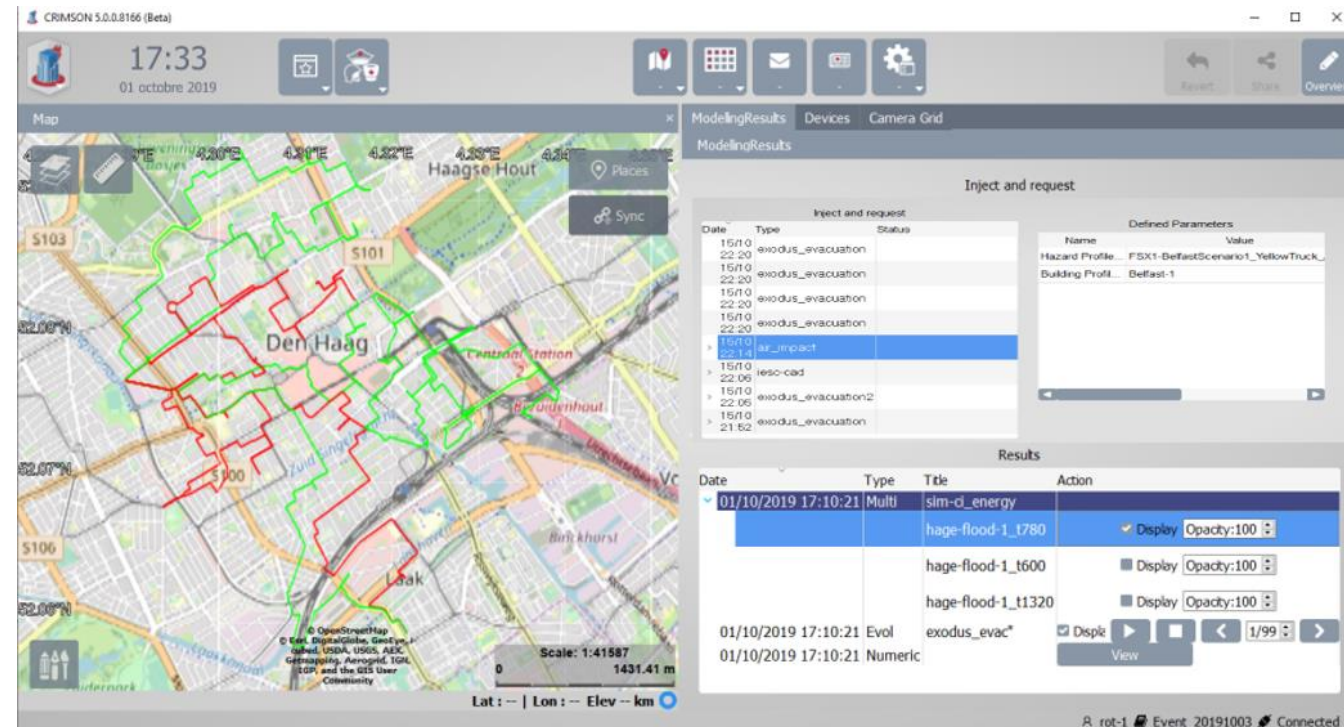
COP User interface: Modelling results

- When the result is available
 - A new line is available in the lower panel
 - 3 cases
 - **Static maps:** One or more raster that can be displayed on top of the map (e.g flood, impacts)
 - **Dynamic maps:** A list of raster than can be animated to see the simulation (e.g evacuation)
 - **Numerical results:** A table with a list of parameters and their values or plots
 - For rasters (static or dynamic), a “legend” button gives the legend for the displayed information on the map.

> 15/10 22:05 | Evol | exodus_evacuation2 | Legend

COP User interface: Modelling results

- Static maps
 - One line per raster is provided
 - User can display/hide the raster and adjust opacity



COP User interface: Modelling results

- Dynamic maps

- One line is provided with options

- User can

- Display/hide the result by checking the check box
 - Play an animation to display one layer after the other by clicking on the **”play”** button (and stop it)
 - Display a specific step or move step by step (forward or backward)



COP User interface: Modelling results

- Dynamic maps
 - For instance, for the evacuation results, blues rectangles will be displayed at the location

The screenshot displays the CRIMSON 5.0.0.8166 (Beta) user interface. The top bar shows the time 11:23 on 02 ottobre 2019. The main map area shows a street map with blue rectangles indicating evacuation results. The right sidebar contains the 'ModellingResults' panel, which includes a table for 'Inject and request' and a 'Results' section with a table of simulation results.

ModellingResults

Inject and request

Date	Type	Status	Action
02/10/2019 08:28:58	air_impact	New	<button>Request</button>

Results

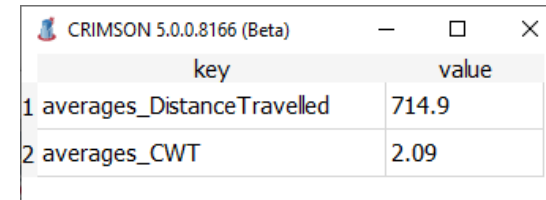
Date	Type	Title	Action
15/10 22:14	Multi	air_impact	<button>Legend</button>
15/10 22:05	Evol	exodus_evacuation2	<button>Legend</button>
Day1_12pm			<input checked="" type="checkbox"/> Display ▶ ◀ 13/107 ▶

Time: 12:13

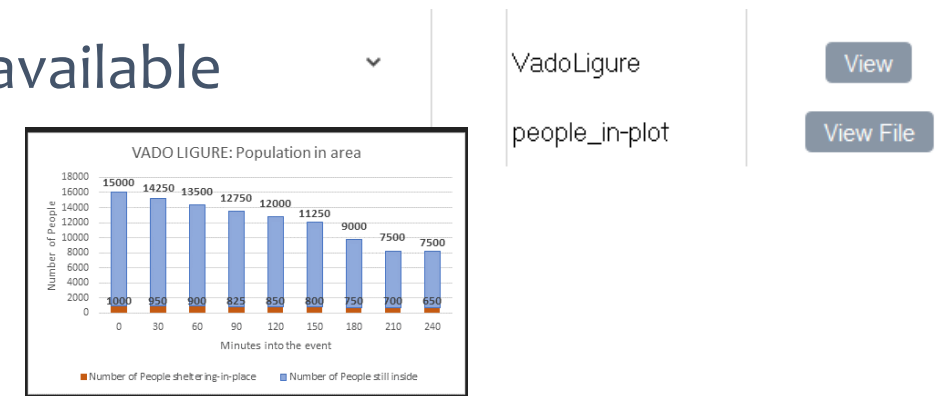
rot-1 Event_20191003 Connected

COP User interface: Modelling results

- Numerical results
 - A view button is available for each time a numerical result is available
 - Clicking on view open a popup with a table
 - 1 line per parameter name/value
 - A “View File” button is available if plots are available
 - Clicking on view file open a popup with the plot



	key	value
1	averages_DistanceTravelled	714.9
2	averages_CWT	2.09





**Thank you for
your attention**

Any questions?



Guillaume INGLESE

guillaume.inglese@csgroup.eu