Quick Start
(Basic Mode)

What skills does our software offer?

View and control	C1.1- Drag and Drop, will you be able to create your first video wall in less than a minute?
	C1.2- The essentials to get started on EMD.
	C1.3- Save and switch your displays with just one click, the remote control.
Collaborate and work as a team	C2.1- How to annotate and share a part of your wall?
	C2.2- How can an operator contribute by projecting their PC onto the wall?
	C2.3- How to project a PC screen or phone camera to your wall? (using Droidcam, Iriun software) P2
	C2.4- How to broadcast your wall like a TV channel?
Cockpit mode piloting	C3.1- How to control your wall in cockpit mode?
	C3.2- Web Carousel, start and stop scrolling, on-the-fly page selection. P4

What skills does our software offer?

Expert settings

C4.1- Web Display, how to optimize the use of your websites with all our options?

C4.2- Save your URLs with the internal tool

C4.3- How to create and arrange your 24 zones on X TVs?

C4.4- How to grant basic and advanced access to your EMD users?

C4.5 How to manage display schedules?

C4.6 How to display and schedule your embedded alert messages on the screen?

View and control

In this chapter, we will see:

1. How to choose the elements to display and how to distribute them on one or more screens, that is, how **to create a display configuration**.
2. How **to save** a display configuration.
3. How to set up **a remote control**: to easily change the saved display configuration broadcasted on the screens with **a single click**.

Overview

EMD is a multimedia display solution.

It has several configuration modes that allow you to display up to 24 medias distributed across as many screens as you want.

The **basic mode** allows for quick setup at the cost of certain restrictions:

-Maximum of 6 screens

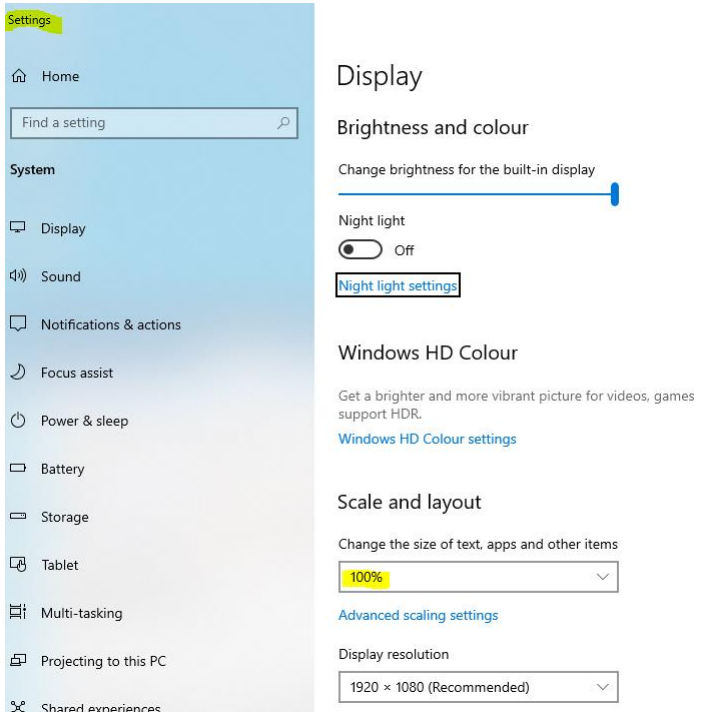
-Maximum of 4 media files per screen

Glossary:

- *Image wall = set of screens*
- *Screen = any display device (TV, monitor, projector, etc.)*
- *Media = image, video, webpage, PDF, etc.*

Before starting

Is your Windows display zoom set to 100%?



C1.1- Drag and Drop, will you be able to create your first video wall in less than a minute?

https://www.youtube.com/watch?v=RBpxH_ahW7c&ab_channel=EASYMULTIDISPLAY%28DigitalSignage%26VideoWall%29

https://www.youtube.com/watch?v=RBpxH_ahW7c&ab_channel=EASYMULTIDISPLAY%28DigitalSignage%26VideoWall%29

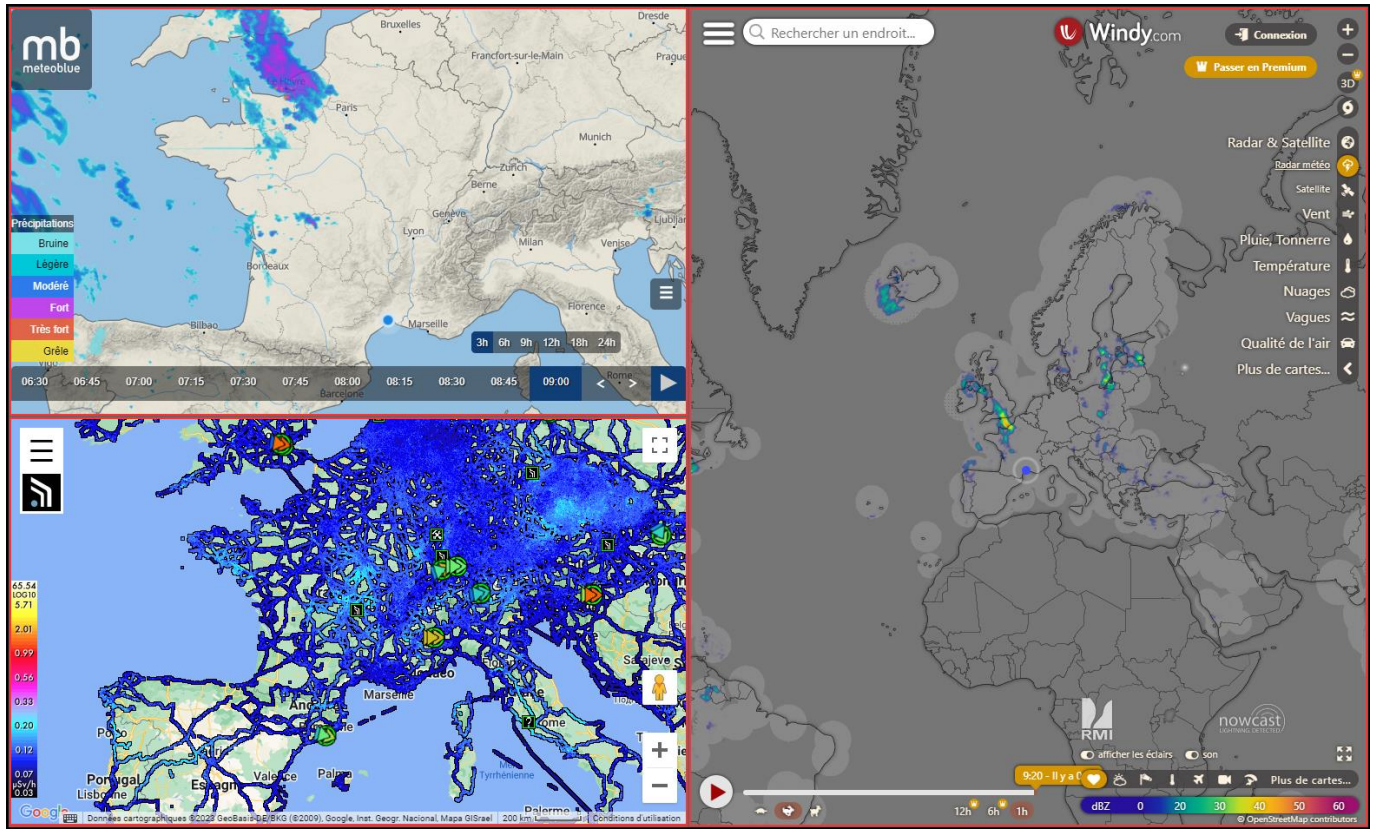
Drag and Drop (basic)

We will see, through a fictional example, how to create and save a display configuration quickly.

Objective:

Divide 1 screen into 3 parts to display simultaneously:

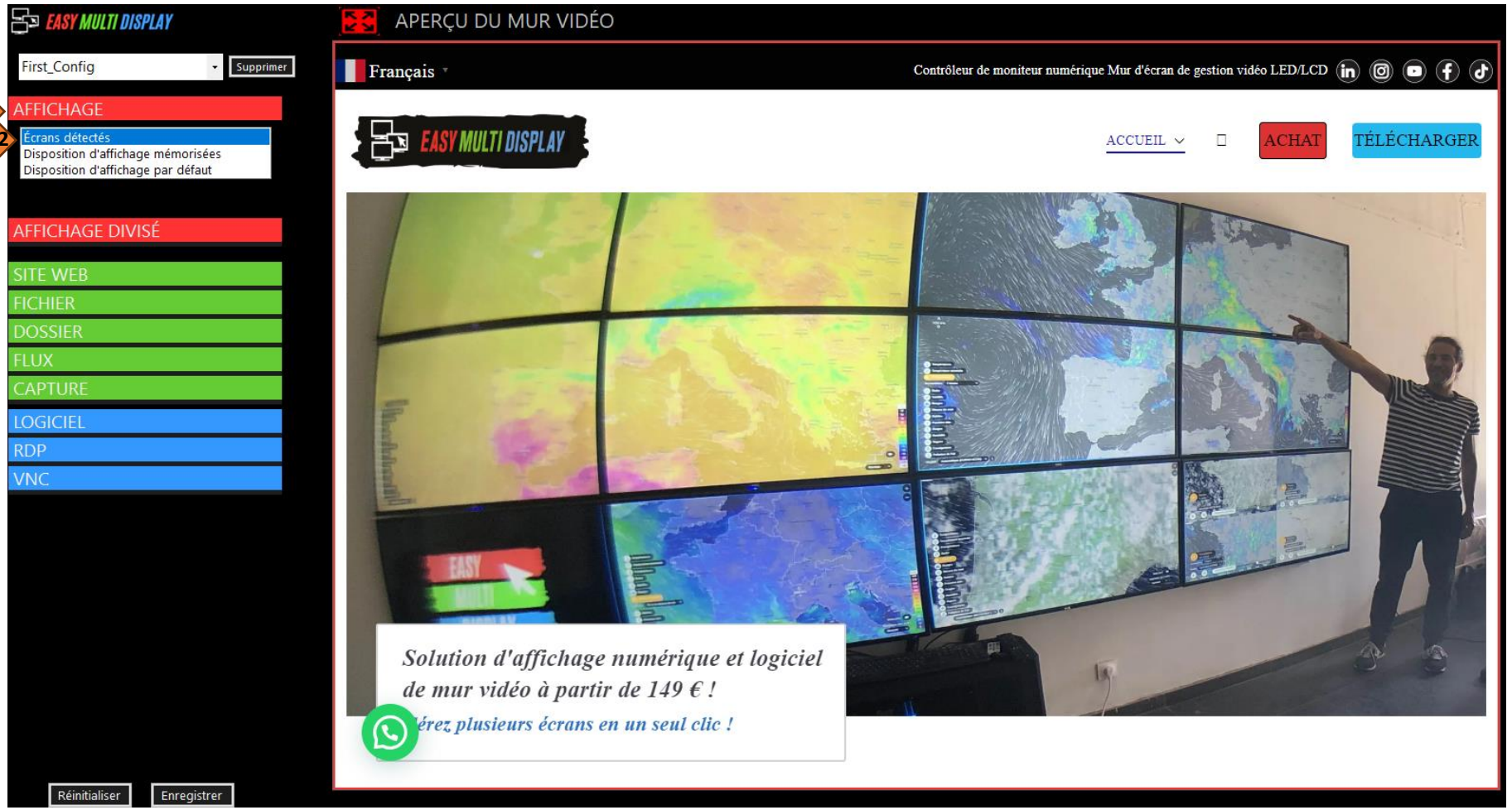
- A map of radioactivity in France
- A weather map of the winds
- A general weather map



Drag and Drop (basic)

Select the display configuration mode 'Detected Screens'

1. First, click on 'DISPLAY'
2. Then select 'Detected Screens'



Drag and Drop (basic)

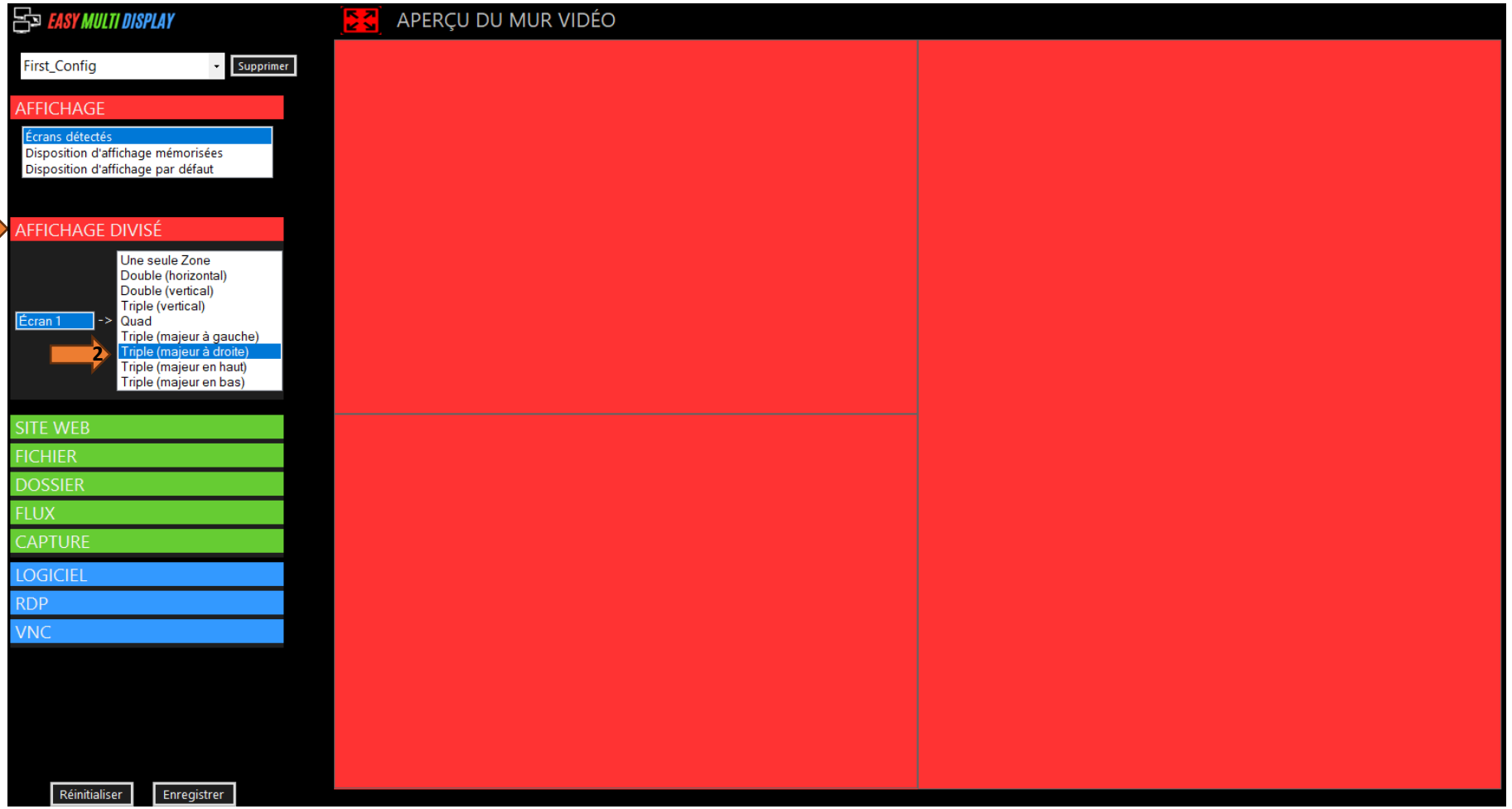
You can click on 'Reset' to remove all elements.

1. Click here to remove the elements.

Drag and Drop (basic)

To split the screen into 3 parts.

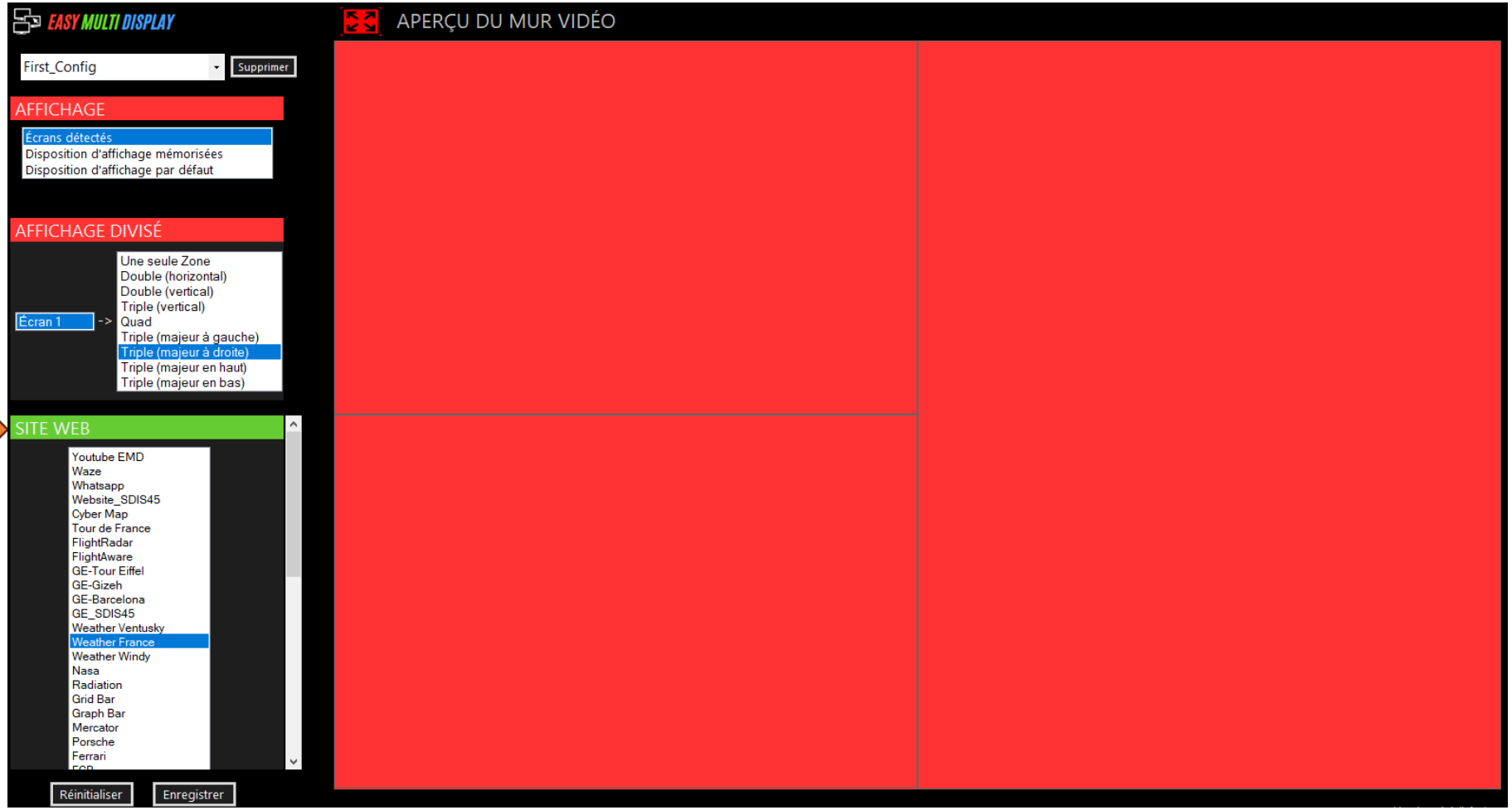
1. First, click on 'SPLIT DISPLAY'.
2. Then select the desired split (Major Triple on the right).



Drag and Drop (basic)

Display the list of available websites

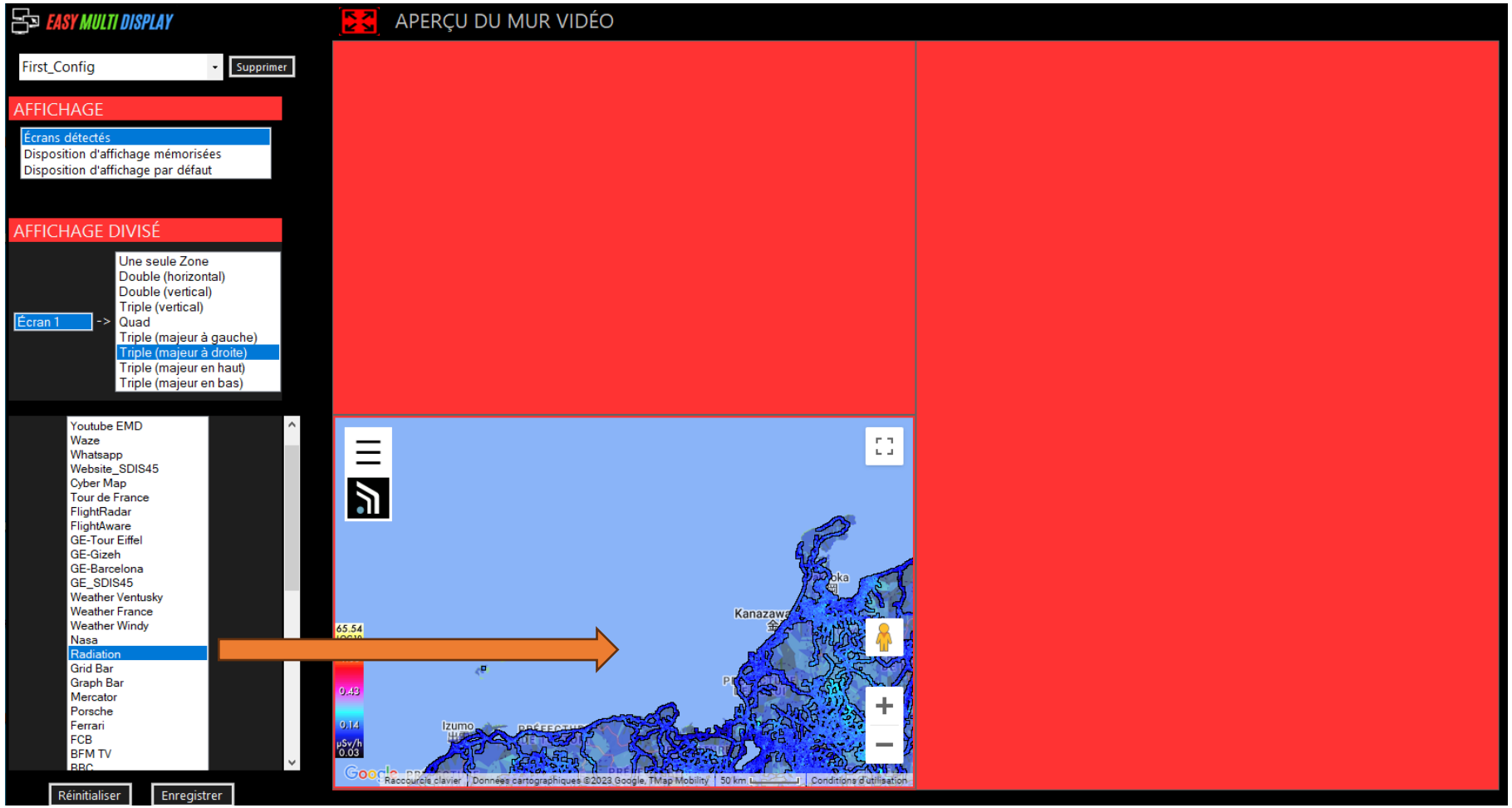
1. Click on 'WEBSITE'



Drag and Drop (basic)

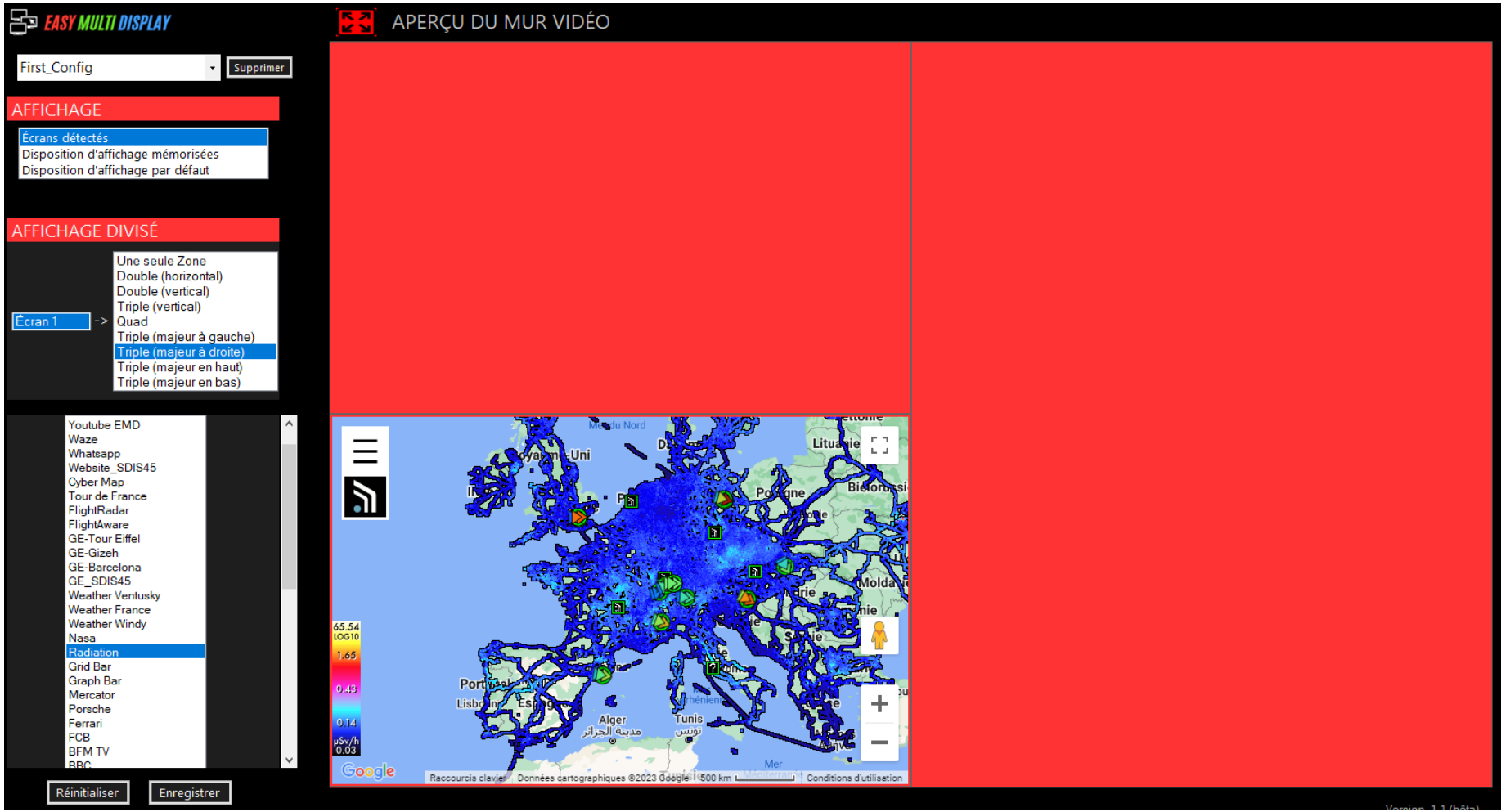
Select a site and then move it to a zone.

1. Select a site and drag it into a zone as you would move a folder or an icon.



Drag and Drop (basic)

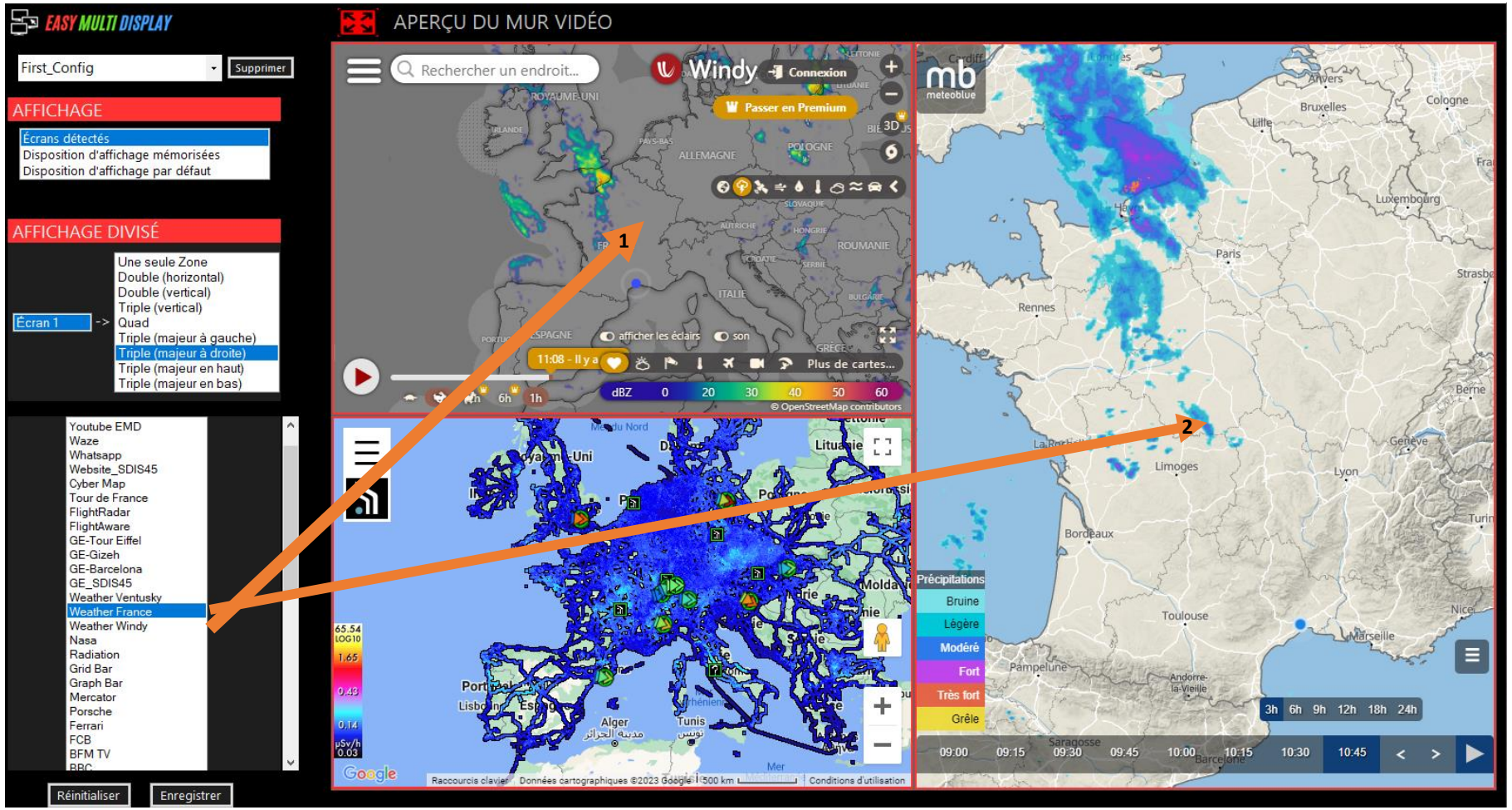
Interact with the map to move the displayed area to France.



Drag and Drop (basic)

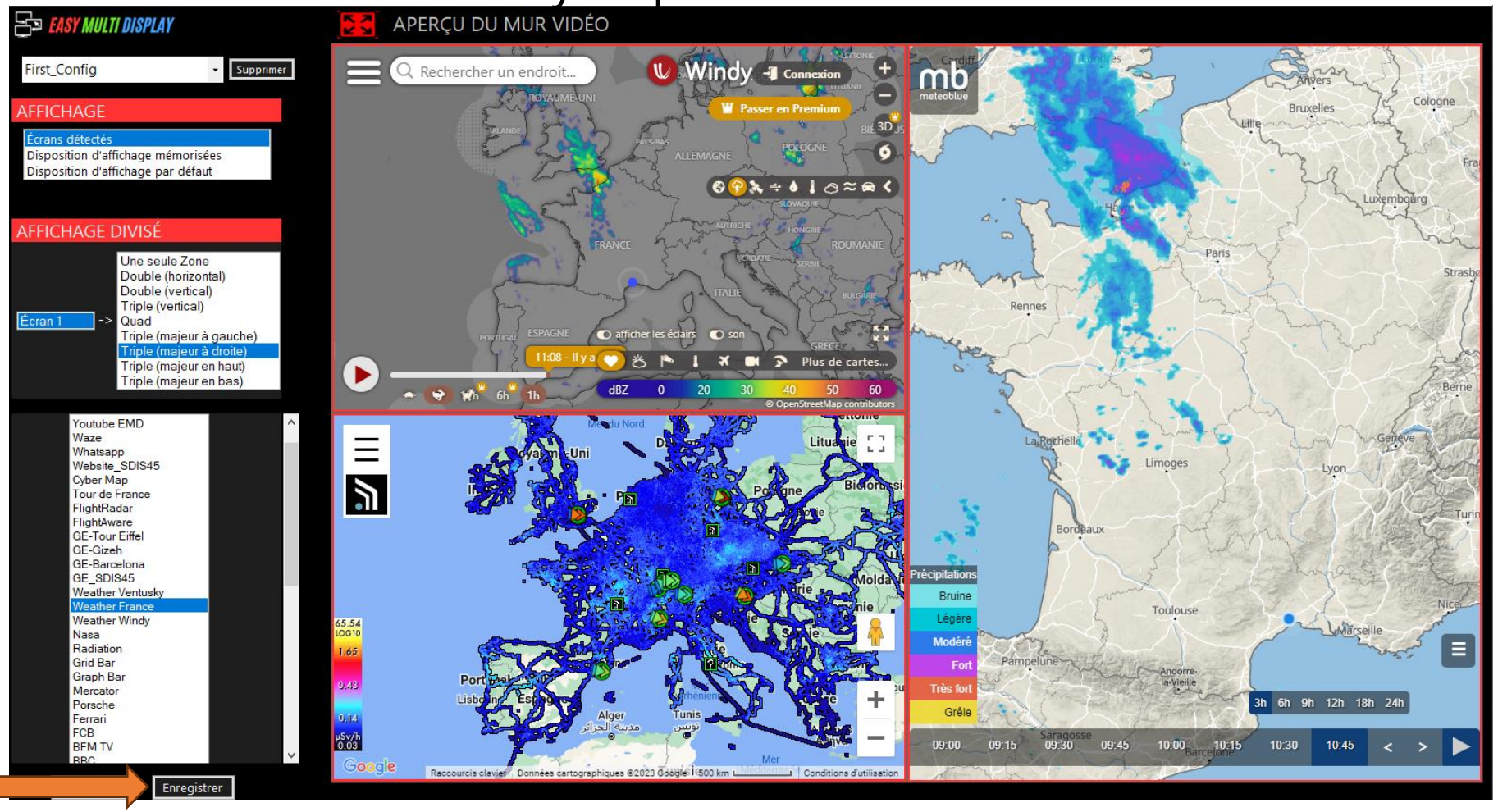
Select and then move the other two sites and interact with them to display France.

1. Select 'Weather Windy' and drag it into the zone.
2. Select 'Weather France' and drag it into the zone."



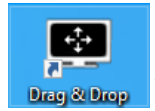
Drag and Drop (basic)

Save your display configuration. EMD preserves the positions on the maps that you have selected if you press CTRL+ALT.



1. Click on 'Save'.

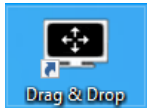
Drag and Drop : recap

Pour créer une configuration façon drag and drop, commencer par cliquer sur l'icône 

, puis :

1. Choisir le nom de la configuration
2. Cliquer sur le bouton réinitialiser pour effacer les éléments affichés (optionnel)
3. Choisir le mode de configuration des fenêtres d'affichage : écrans détecté (1 fenêtre par écran), disposition d'affichage mémorisée (précédemment enregistrées et entièrement personnalisées), disposition d'affichage par défaut (choix parmi des dispositions pré-enregistrées).
4. Si vous le souhaitez découper les fenêtres d'affichage, cliquer sur « Affichage divisé », sélectionner la fenêtre à découper (identifiée par un numéro), et enfin sélectionner le découpage souhaité.
5. Faire glisser les éléments à afficher dans les fenêtres.
6. Cliquer sur enregistrer.

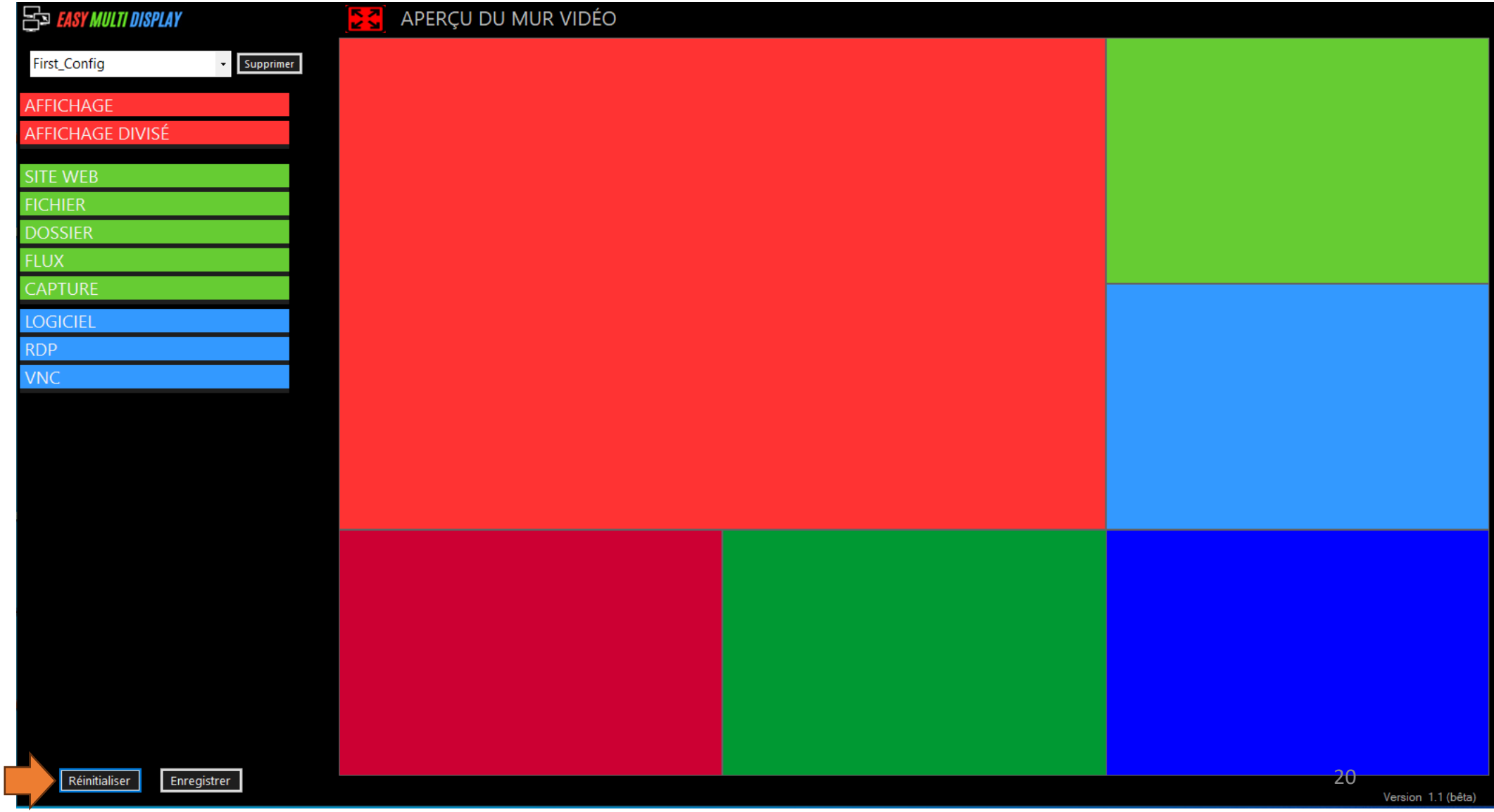
Drag and Drop : recap

To create a drag and drop configuration, start by clicking on the icon 

, then:

1. Choose the configuration name.
2. Click the reset button to clear displayed items (optional).
3. Choose the display configuration mode: detected screens (1 window per screen), stored display layout (previously saved and fully customized), default display layout (choose from pre-saved layouts).
4. If you want to split the display windows, click on "Split Display," select the window to split (identified by a number), and then select the desired split.
5. Drag the elements to be displayed into the windows.
6. Click 'Save'.

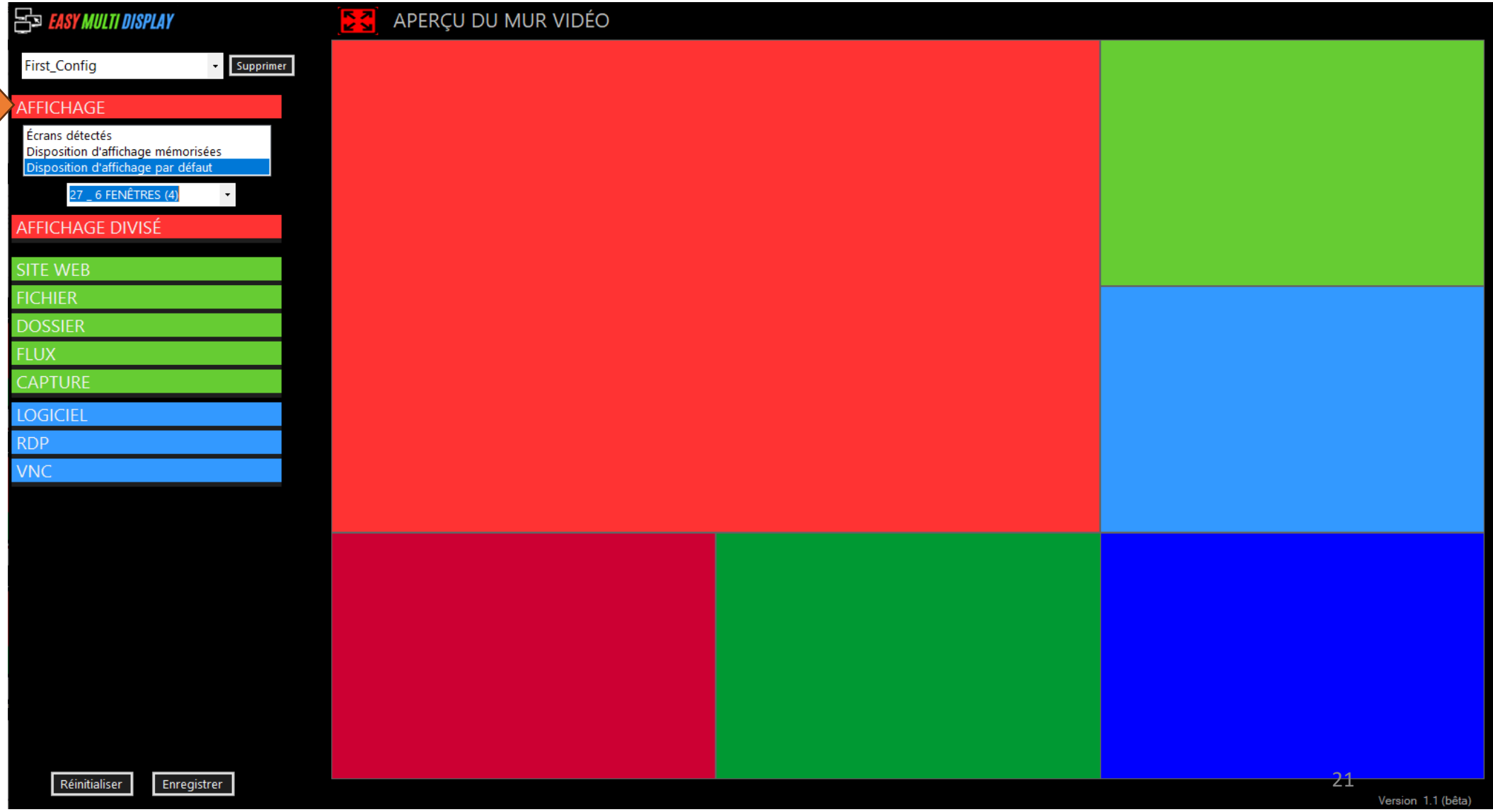
Drag and Drop (Expert)



2. To remove displayed elements.

Drag and Drop (Expert)

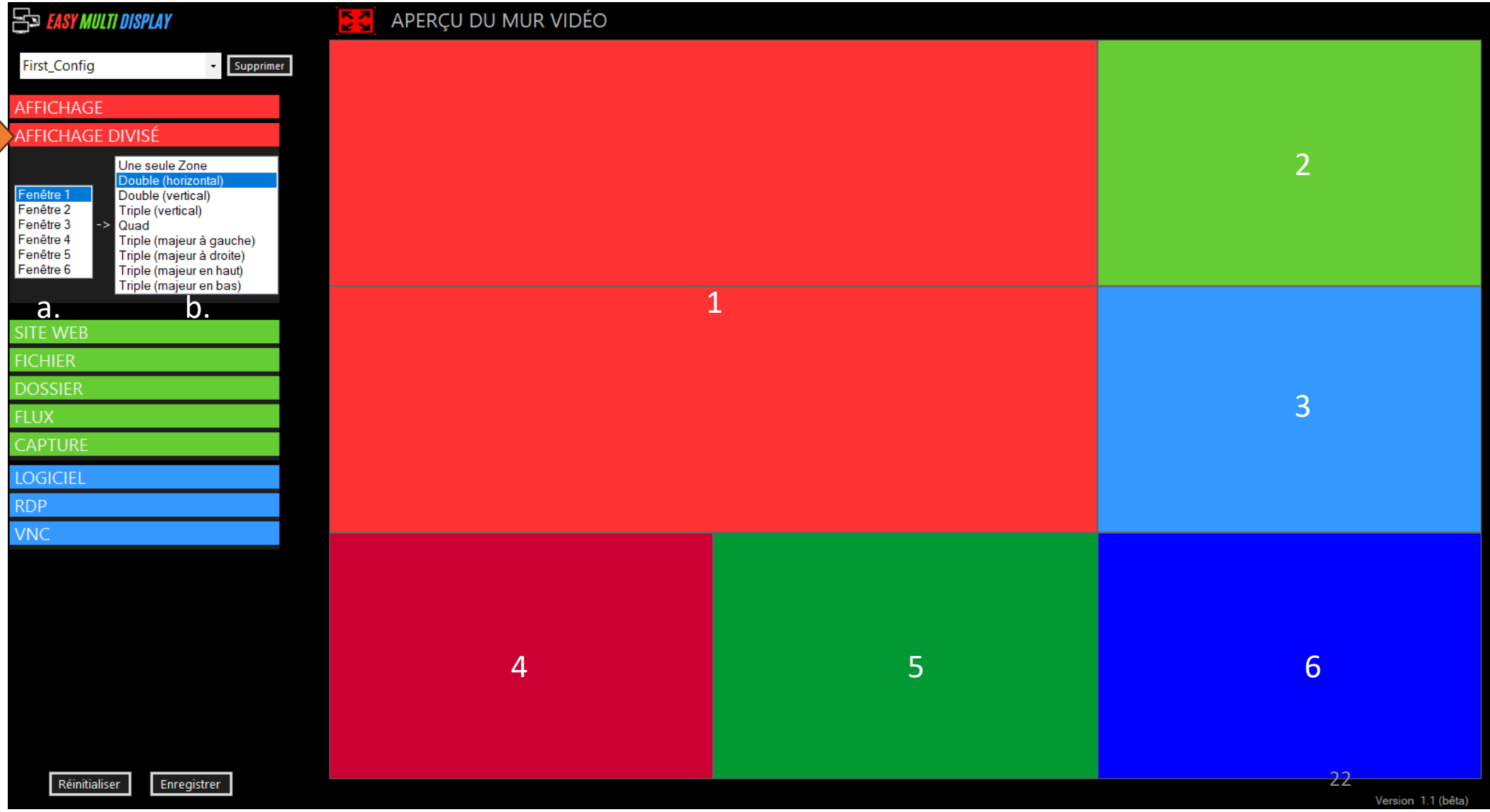
3. Choose the window configuration mode.



Drag and Drop (Expert)

4. Split a display window:

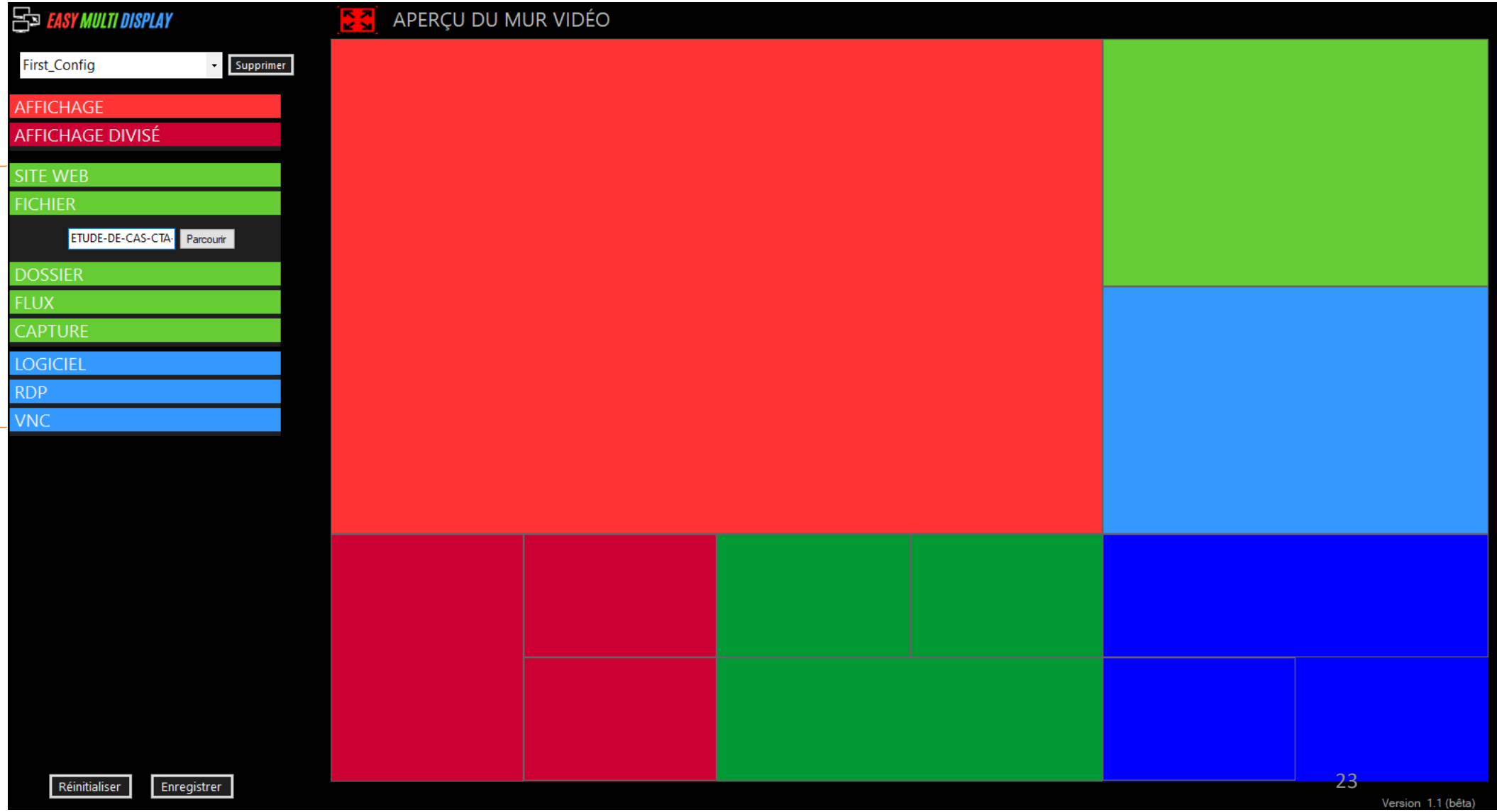
- a. Choose the window to split.
- b. Choose how the window is split.



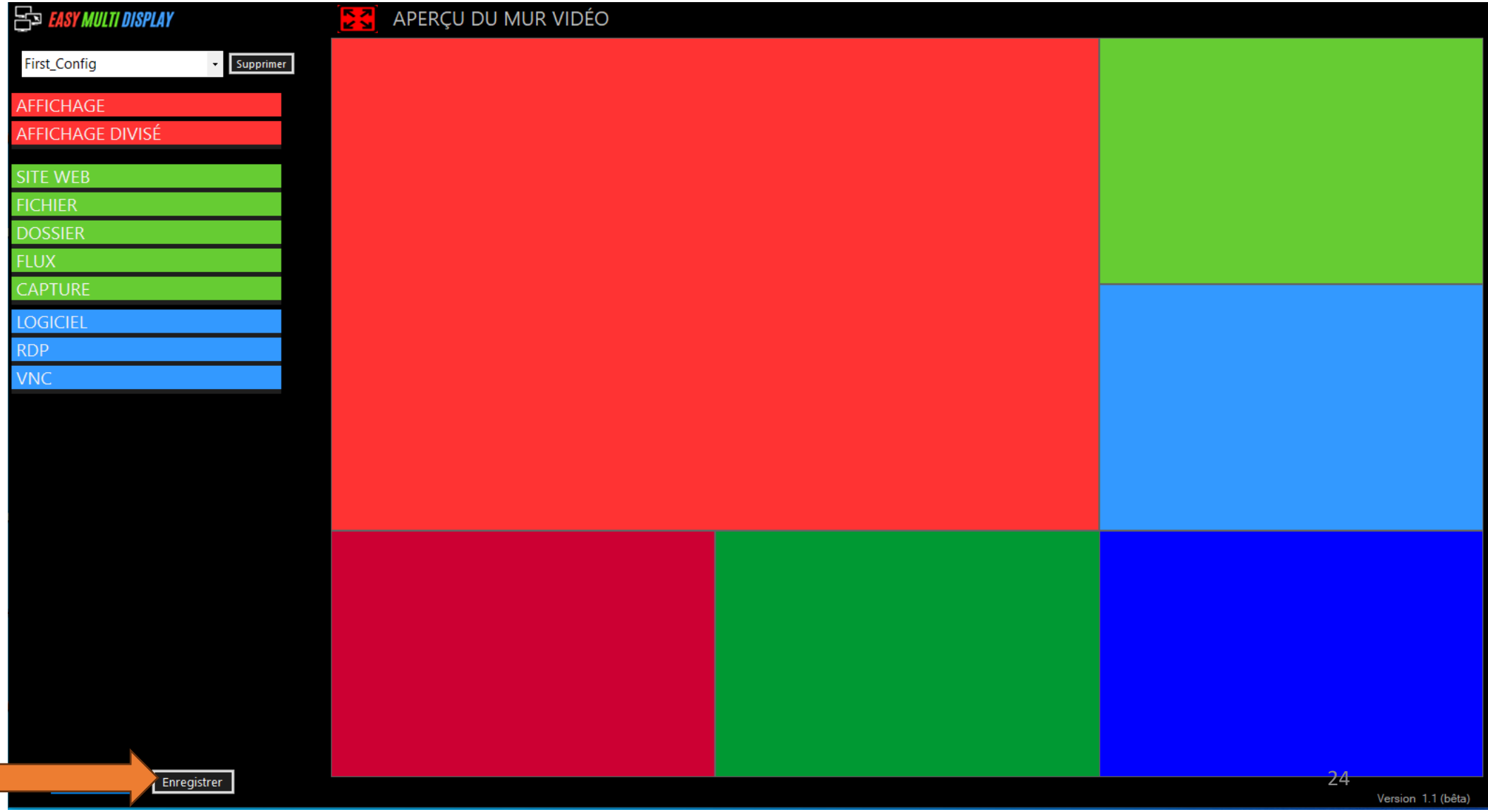
Drag and Drop (Expert)

5. Select a type of element:

Then select an element and drag it into the chosen window.

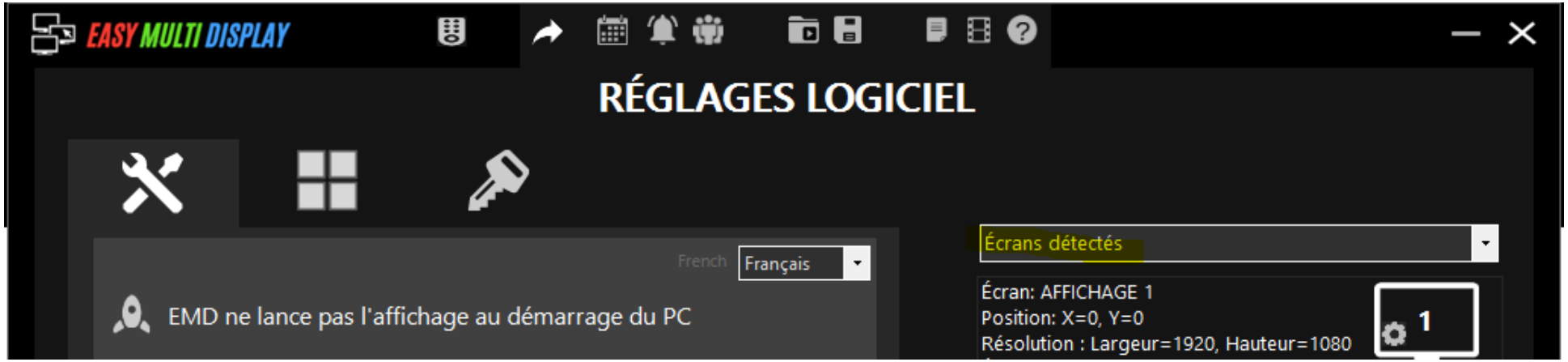


Drag and Drop (Expert)



6. Save

Basic mode
(Detected Screens)



Basic mode (Detected Screens)

Steps to create a configuration:

1. Choose the number of screens.
2. For each screen, choose the arrangement of media.
3. For each screen, select the media.
4. Your configuration is ready, click on 'Launch Display'.

Basic mode (Detected Screens): example

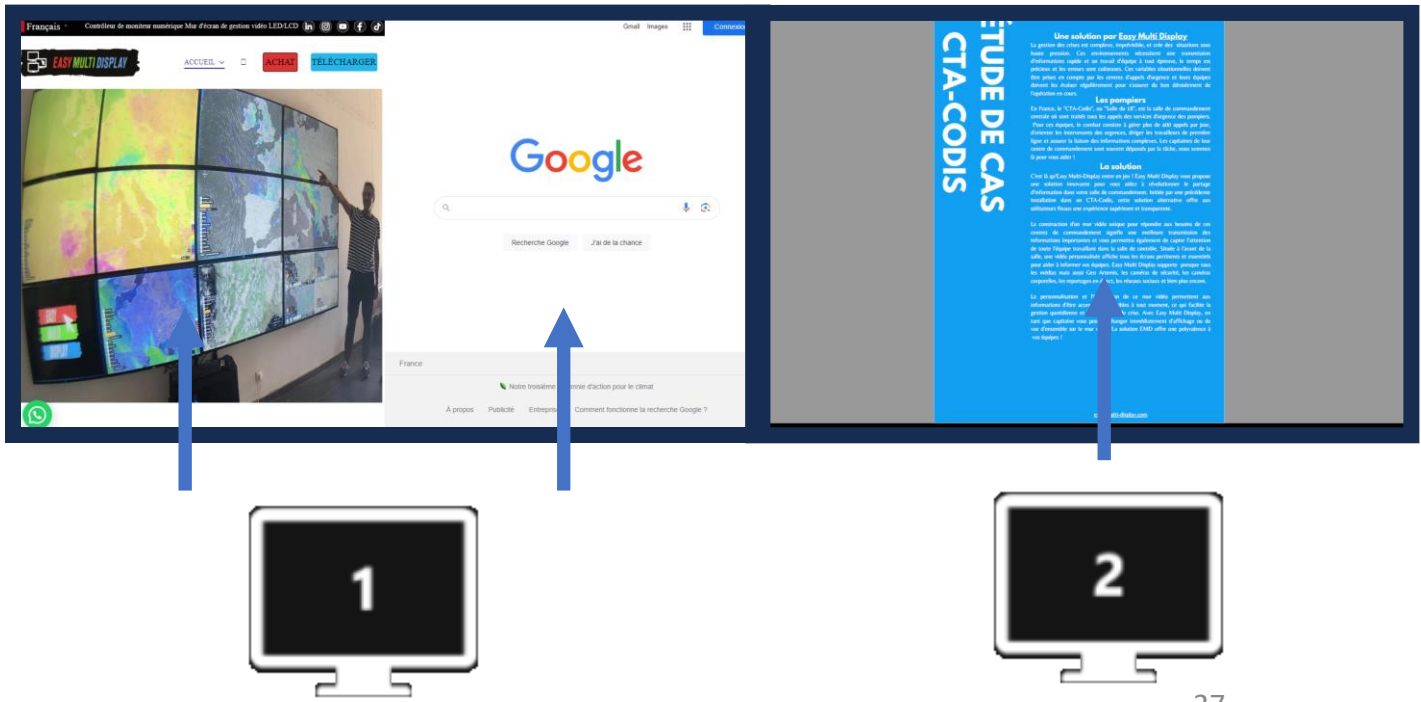
Let's look at the process of creating a configuration through an example.

We have **two screens.**

We want to display 3 media:

-**2 web pages** on one screen

-1 PDF on the other screen.



Basic mode (Detected Screens): example

1. Choose the number of screens:

a) Click on '2 SCREENS'

b) Click on 'NEXT'

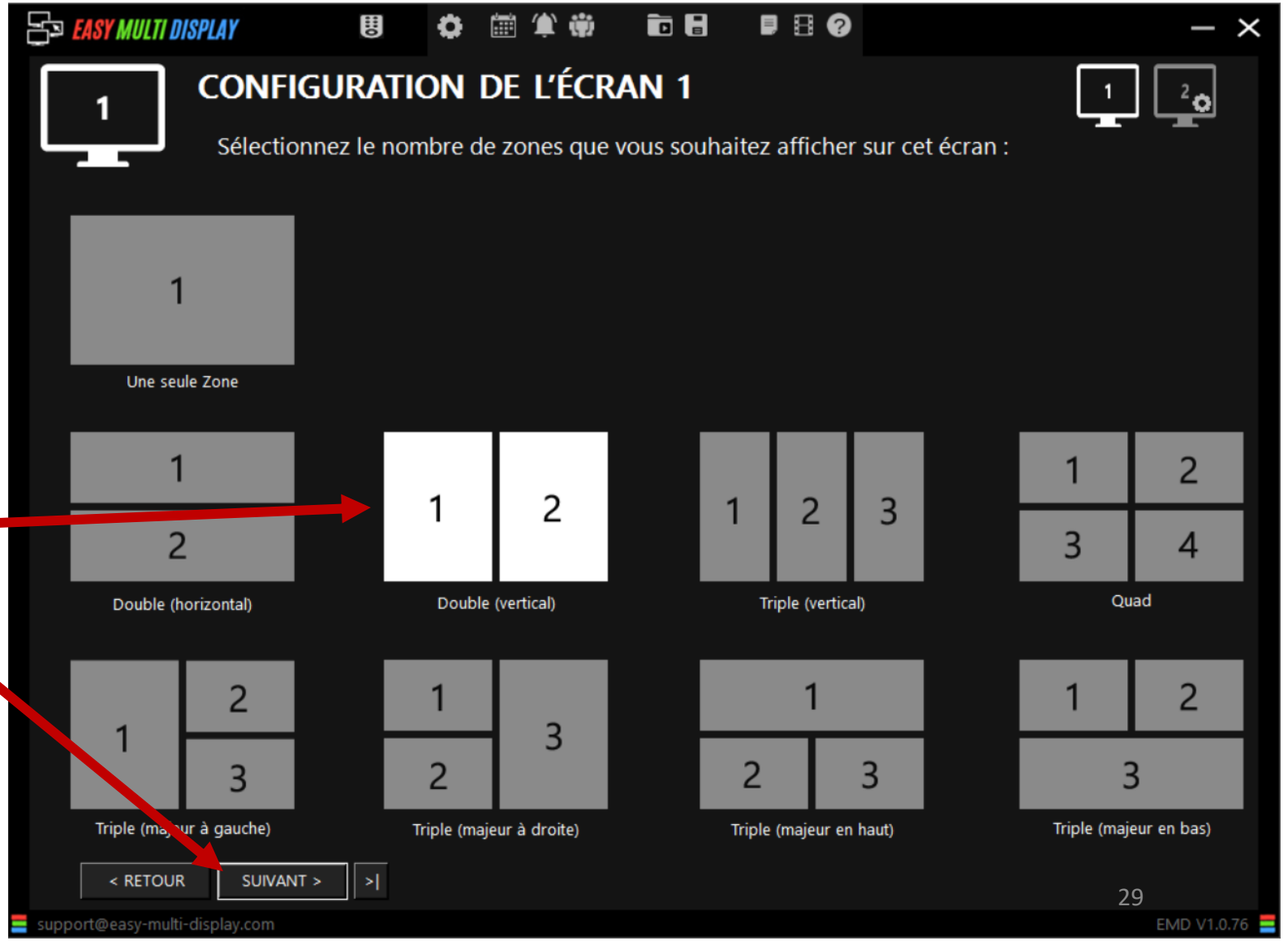
Basic mode (Detected Screens): example

Screen 1

2. Choose the layout of the media for screen 1:

a) Click on the layout

b) Click on 'NEXT'



Basic mode (Detected Screens): example

Screen 1

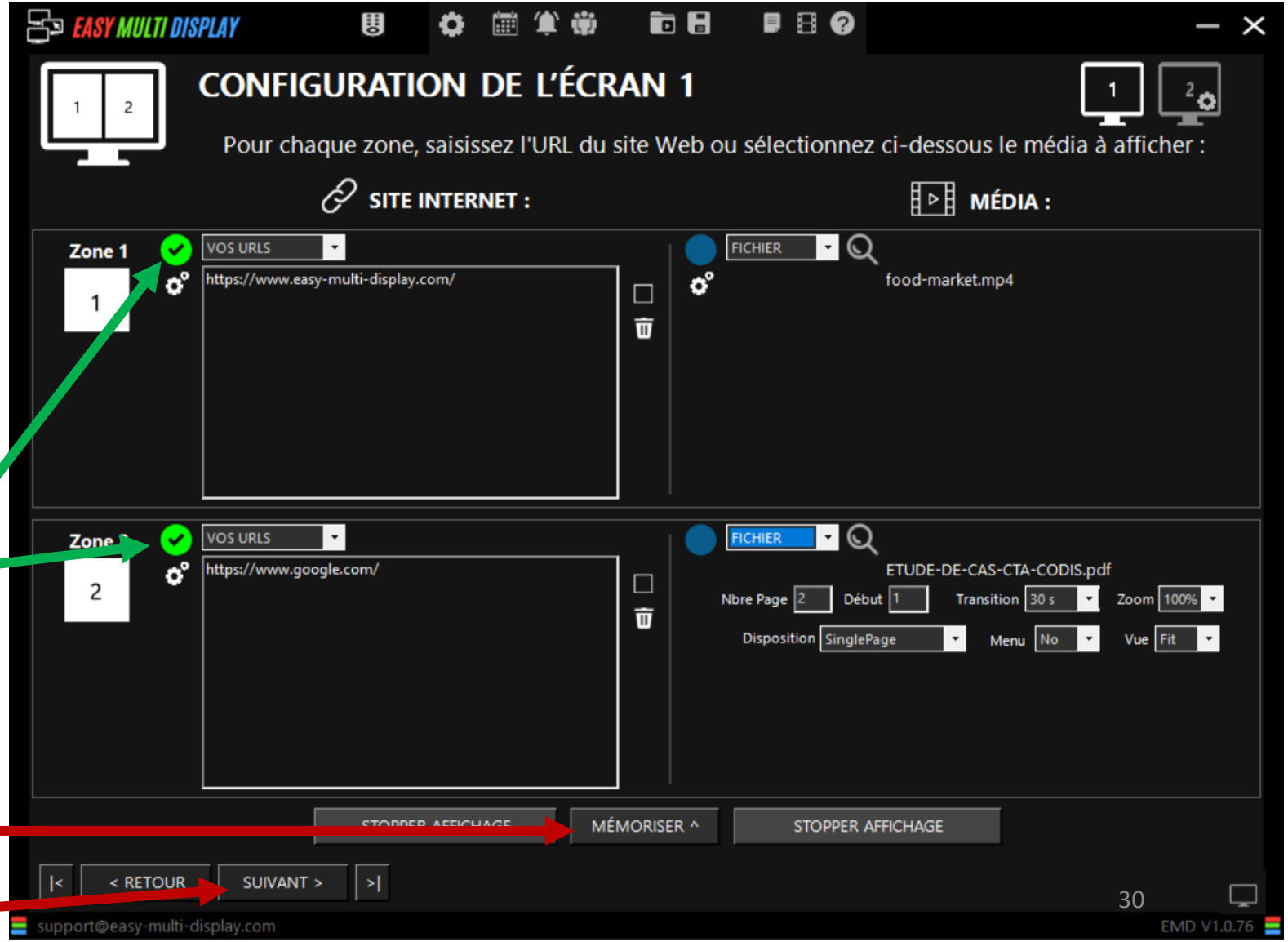
3. Choose the media for screen 1:

a) The 2 medias for screen 1 are web pages. Click on the green circles.

b) Write, copy-paste, or drag the URLs into the provided spaces.

c) Click on ‘MEMORIZE'.

d) Click on 'NEXT'.



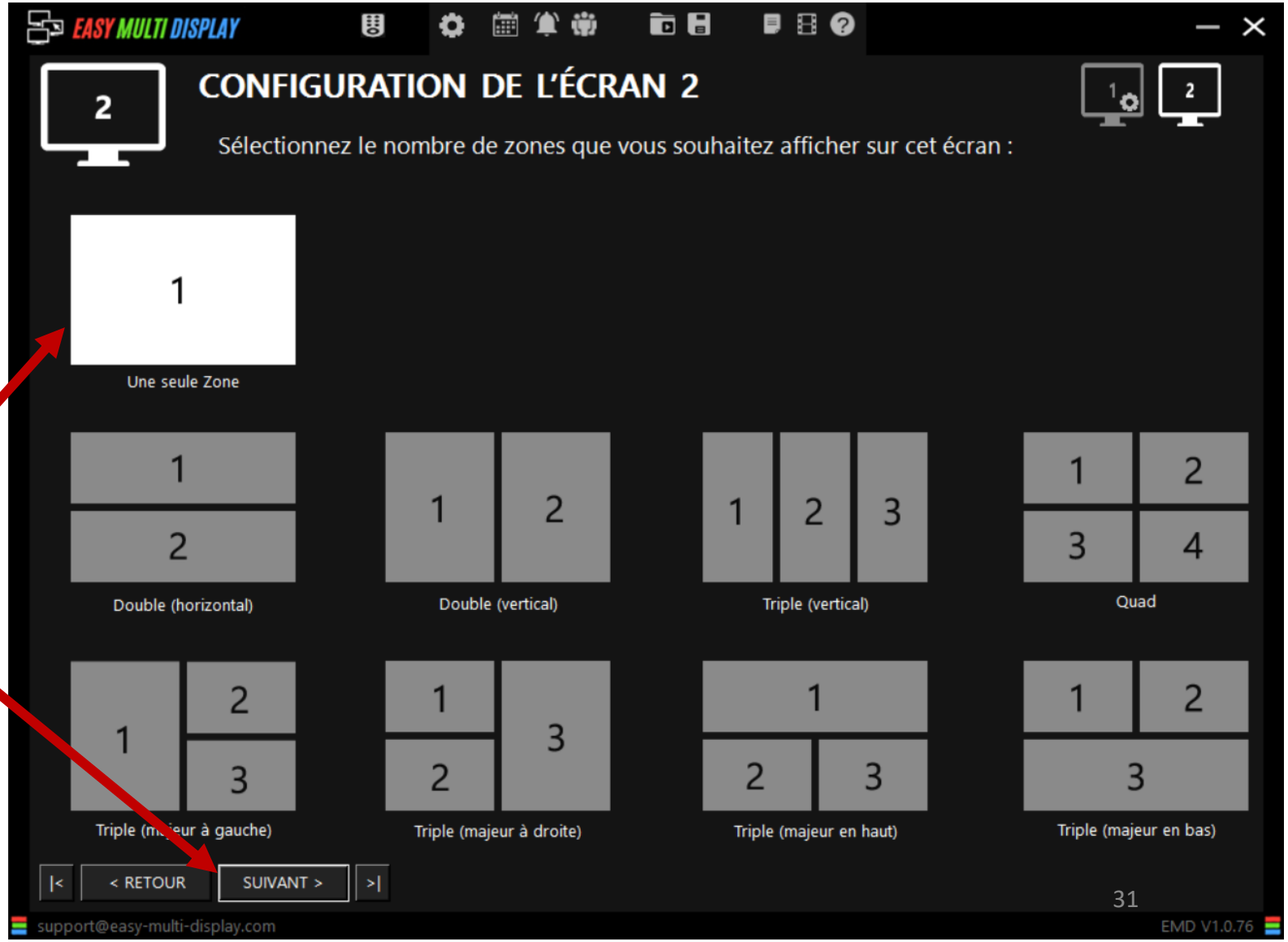
Basic mode (Detected Screens): example

Screen 2

4. Choose the layout of the media for screen 1:

a) Click on the layout

b) Click on 'NEXT'



Basic mode (Detected Screens): example

Screen 2

5. Choose the media for screen 2:

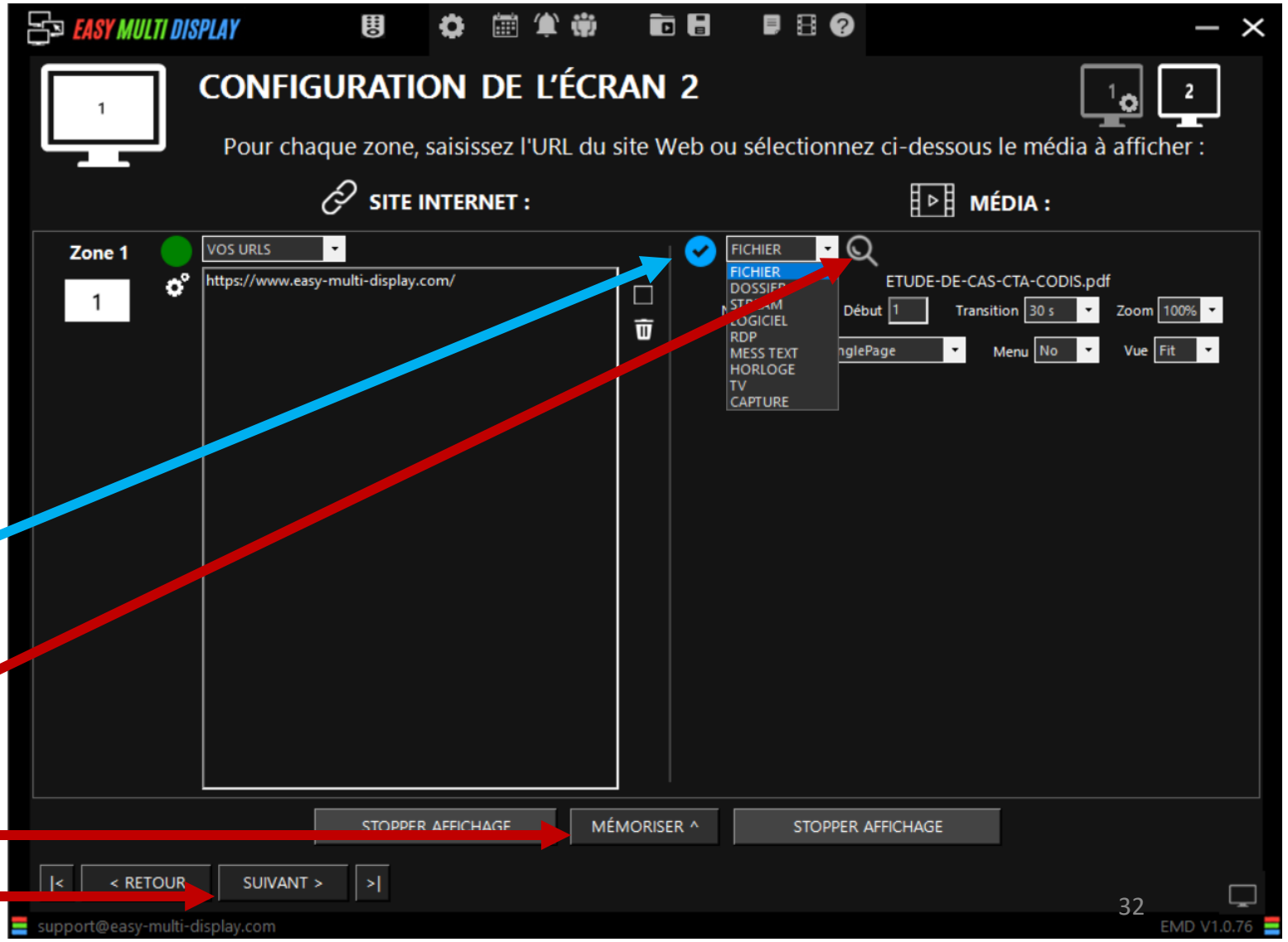
a) The media for screen 2 is a PDF. Click on the blue circle.

b) Click on the dropdown menu and select the file type.

c) Click on the magnifying glass and search for the media to display.

d) Click on ‘MEMORIZE’.

e) Click on 'NEXT'.



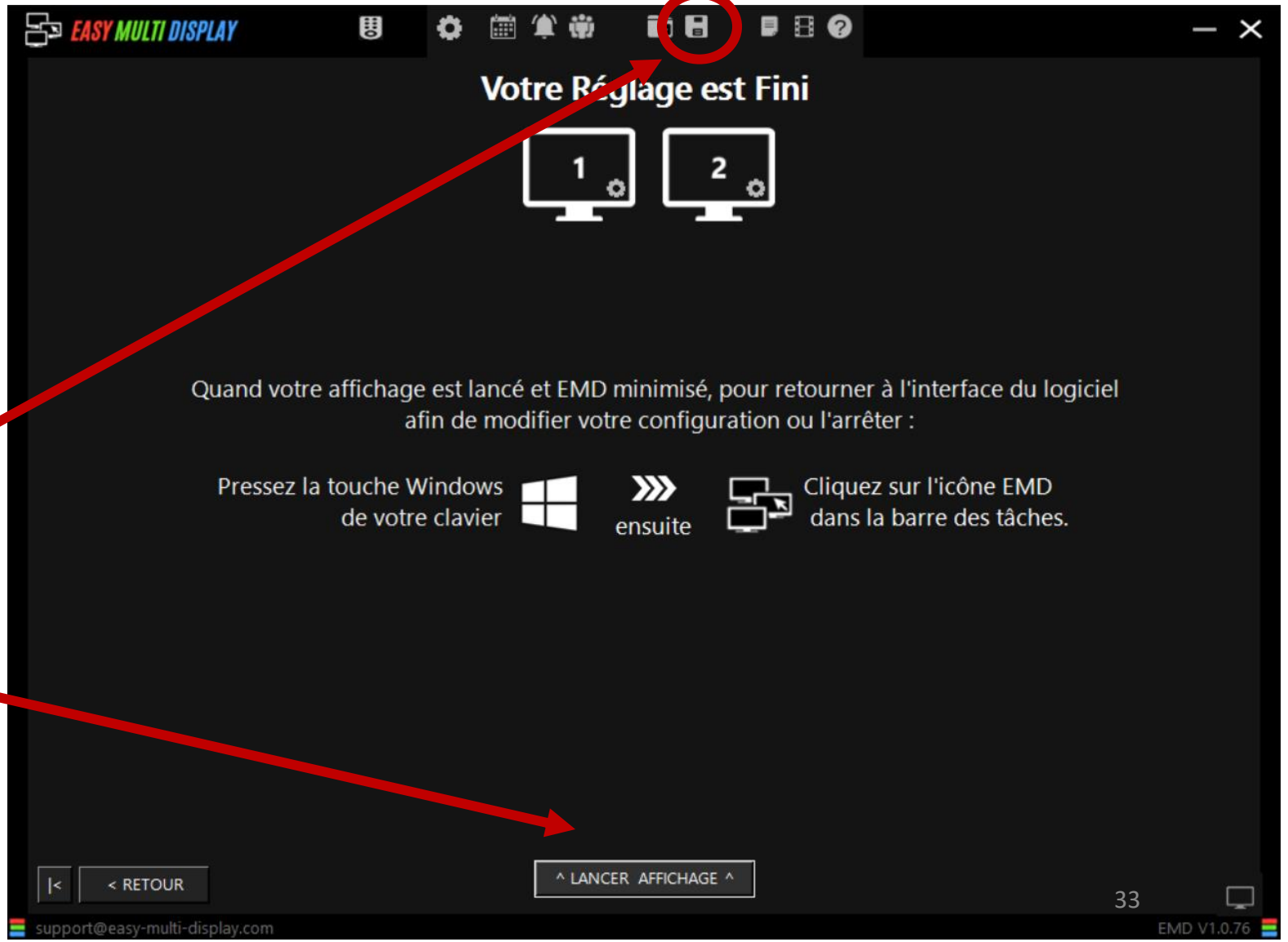
Basic mode (Detected Screens): example

Screen 2

3. Your configuration is ready

a) You can save these settings to a file

b) Click on 'LAUNCH DISPLAY'



The essentials to get started on EMD

(end)

The remote control

Save and change your displays with one click, the remote control

(beginning)

The remote control

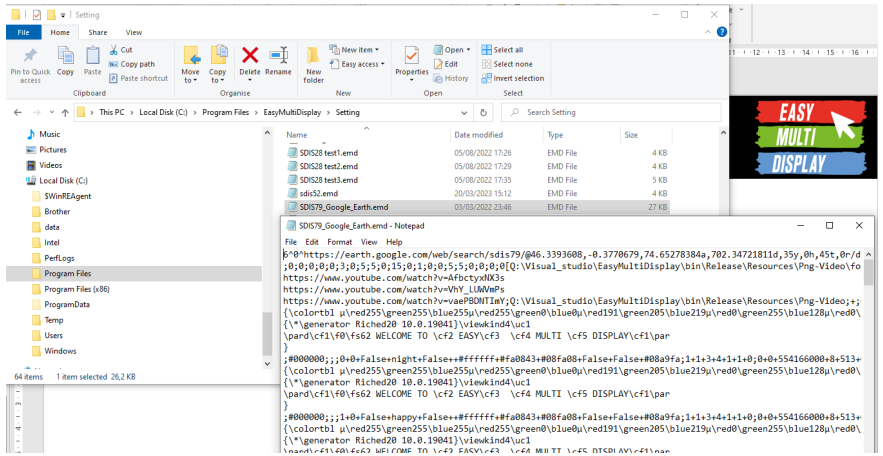
Once your configuration is OK, you can save it to reuse it later, to evolve it, and to see several slightly different versions.

For example, you can have a standard configuration, a wind monitoring configuration, an alert configuration.

The remote control

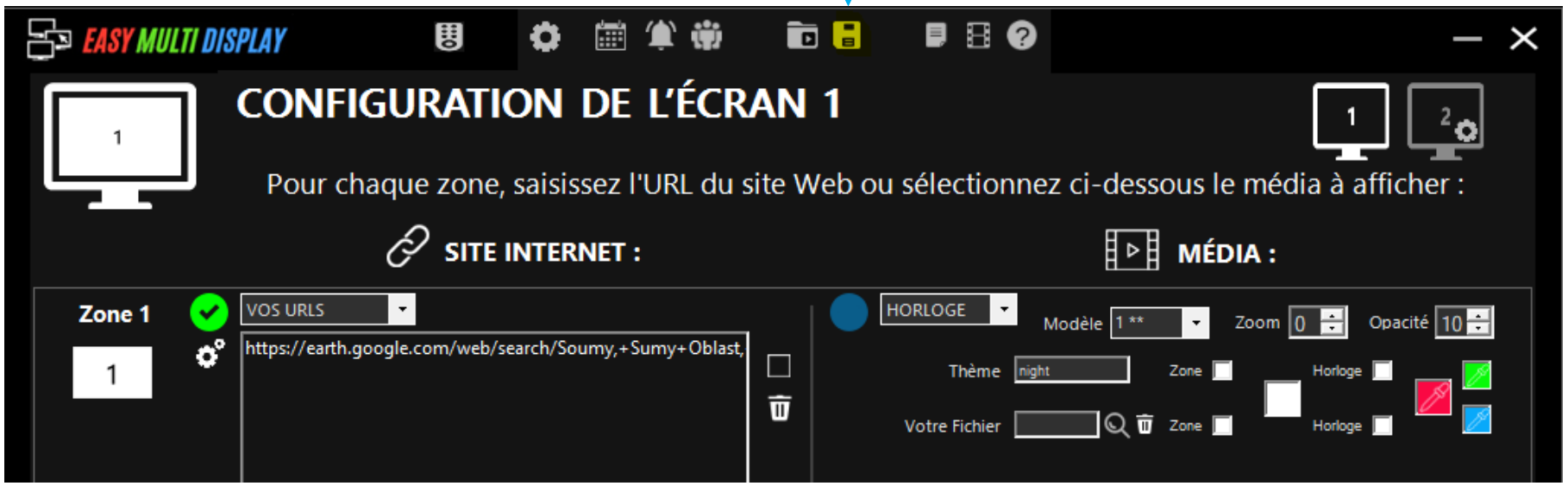
You can open this saved file directly from

1. *Easy Multi Display*
2. *The virtual remote control (pro version)*
3. *A USB numeric pad or a StreamDeck.*



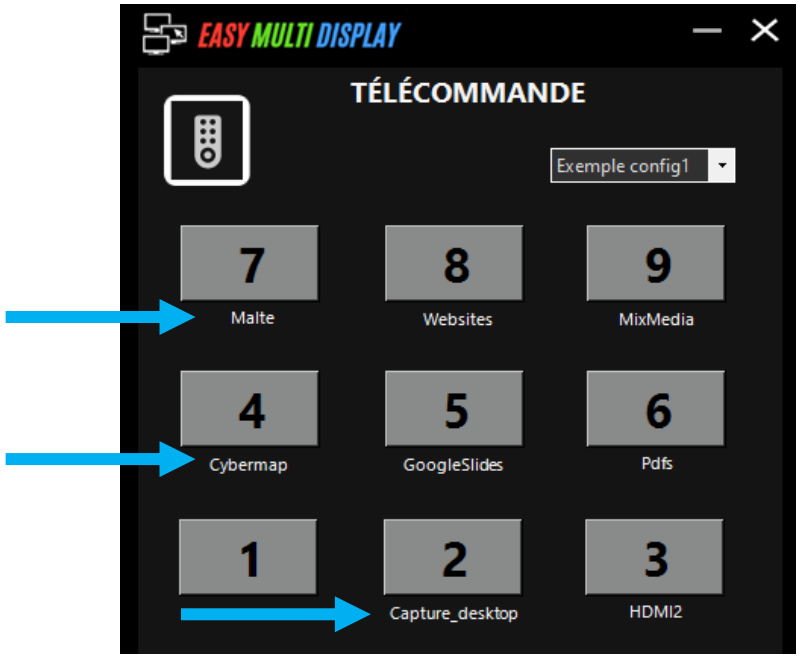
The remote control

To save, click on the floppy disk-shaped icon



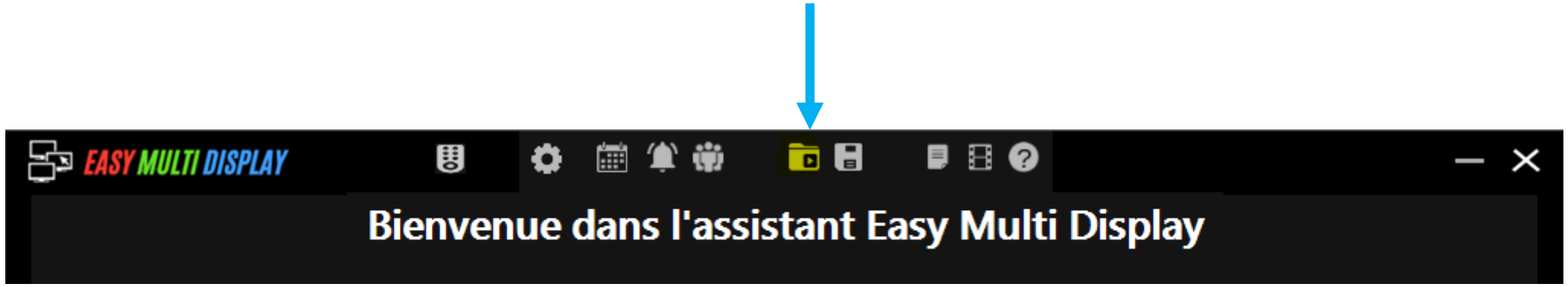
The remote control

We recommend giving a short name to your files, with an explicit prefix, as this is the name that will appear on your remote control.



The remote control

To open an existing configuration file, click on the folder-shaped icon. By default, the C:\Program Files\EasyMultiDisplay\Setting folder opens.

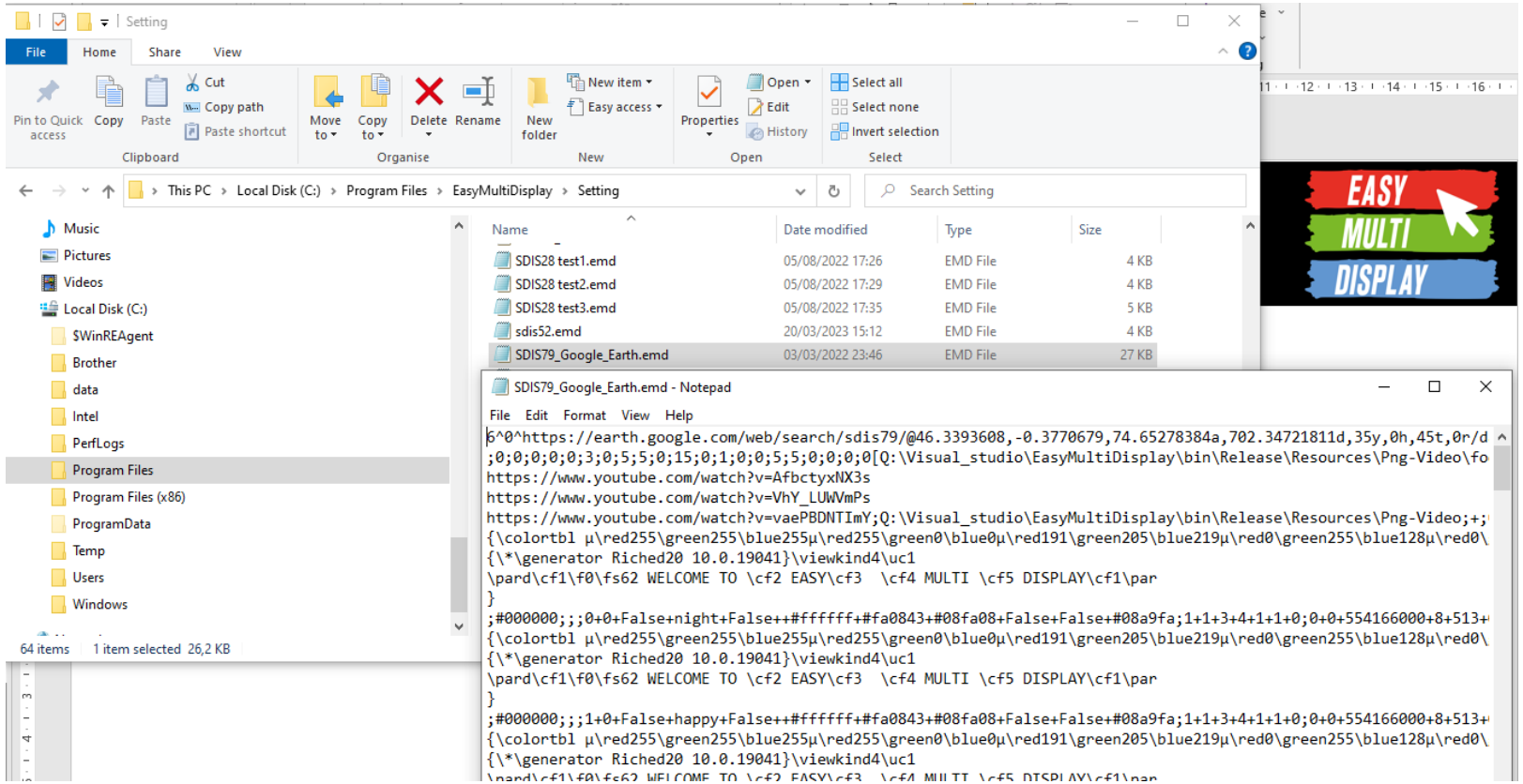


The remote control

The .emd files are text files that contain all the display information.

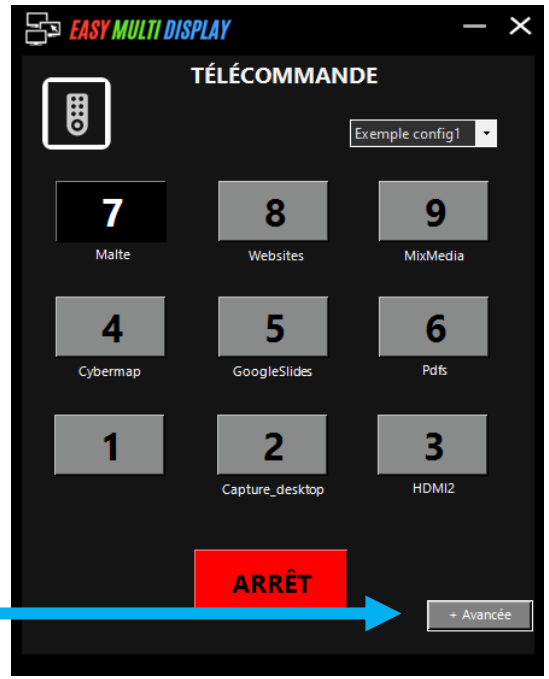
You can open these files from another Easy Multi Display workstation.

For example, from an advanced command post, you can open an EMD file located on the network or on a simple USB key and have the same view as in the command room.

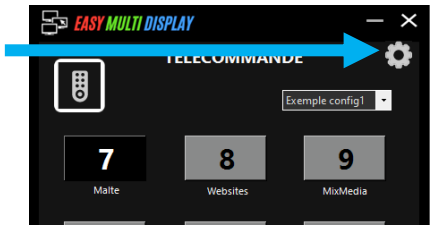


The remote control

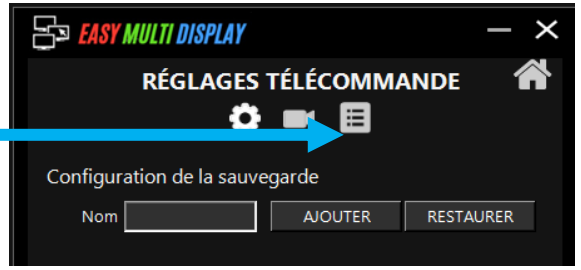
How to link one of the 9 numbers on the remote control to a configuration file?



1



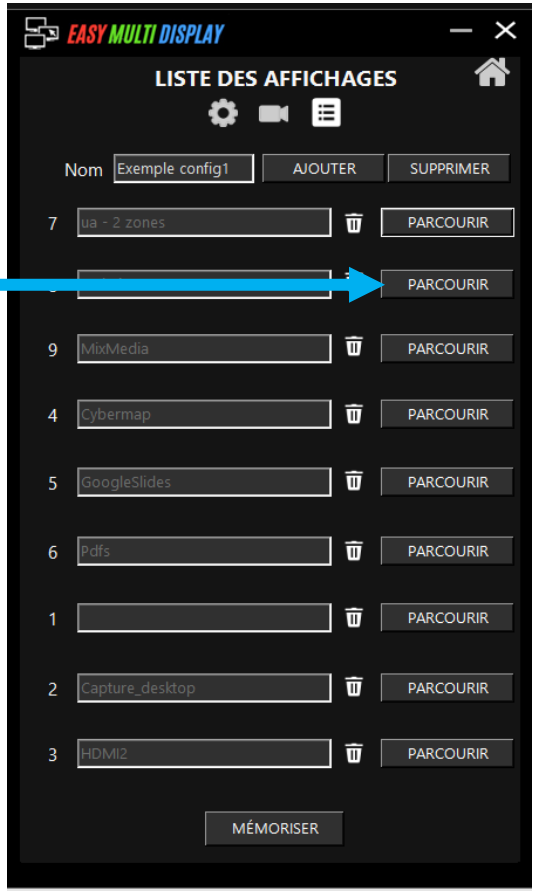
2



3

4

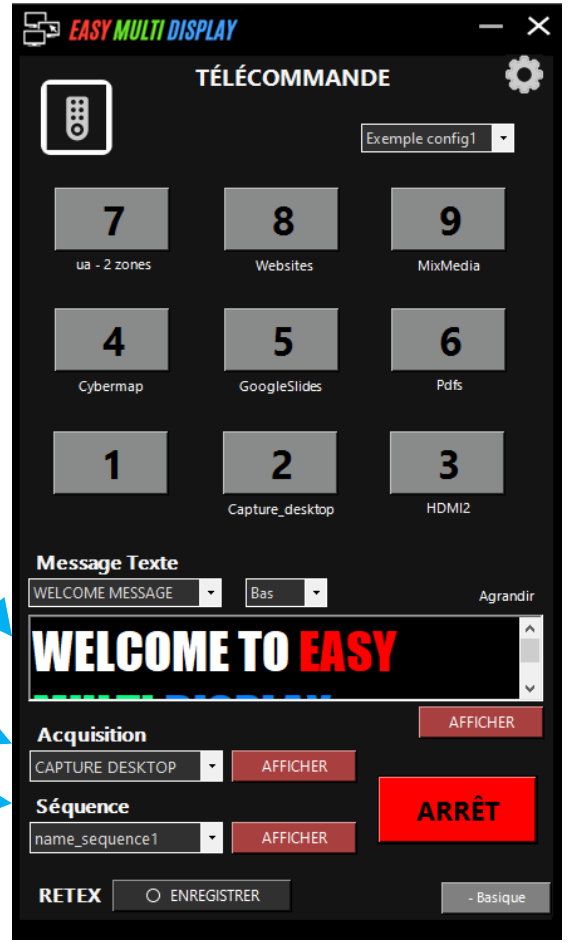
Click on 'Browse' to select your existing configuration file.



The remote control

The remote control has a basic mode with 9 buttons and an advanced mode with more buttons. In advanced mode, you can:

- Overlay a text message on your displays
- Display an HDMI input on your wall (e.g., an external operator's PC)
- Launch a predetermined display sequence
- Record a video of the entire wall, especially for Retex



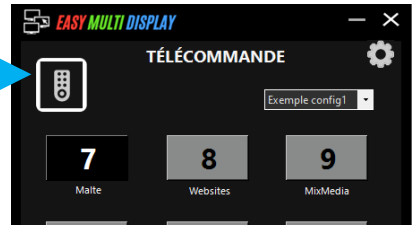
Remote control advanced mode

The remote control

How to switch the remote control to stealth mode and wake it up?

1

Click



2 The remote control shrinks in size and becomes transparent. We recommend always positioning it in the same place for easy retrieval. You can move it when the symbol of the 4 arrows appears.

3 Clicking on the remote control enlarges/minimizes it.

The remote control

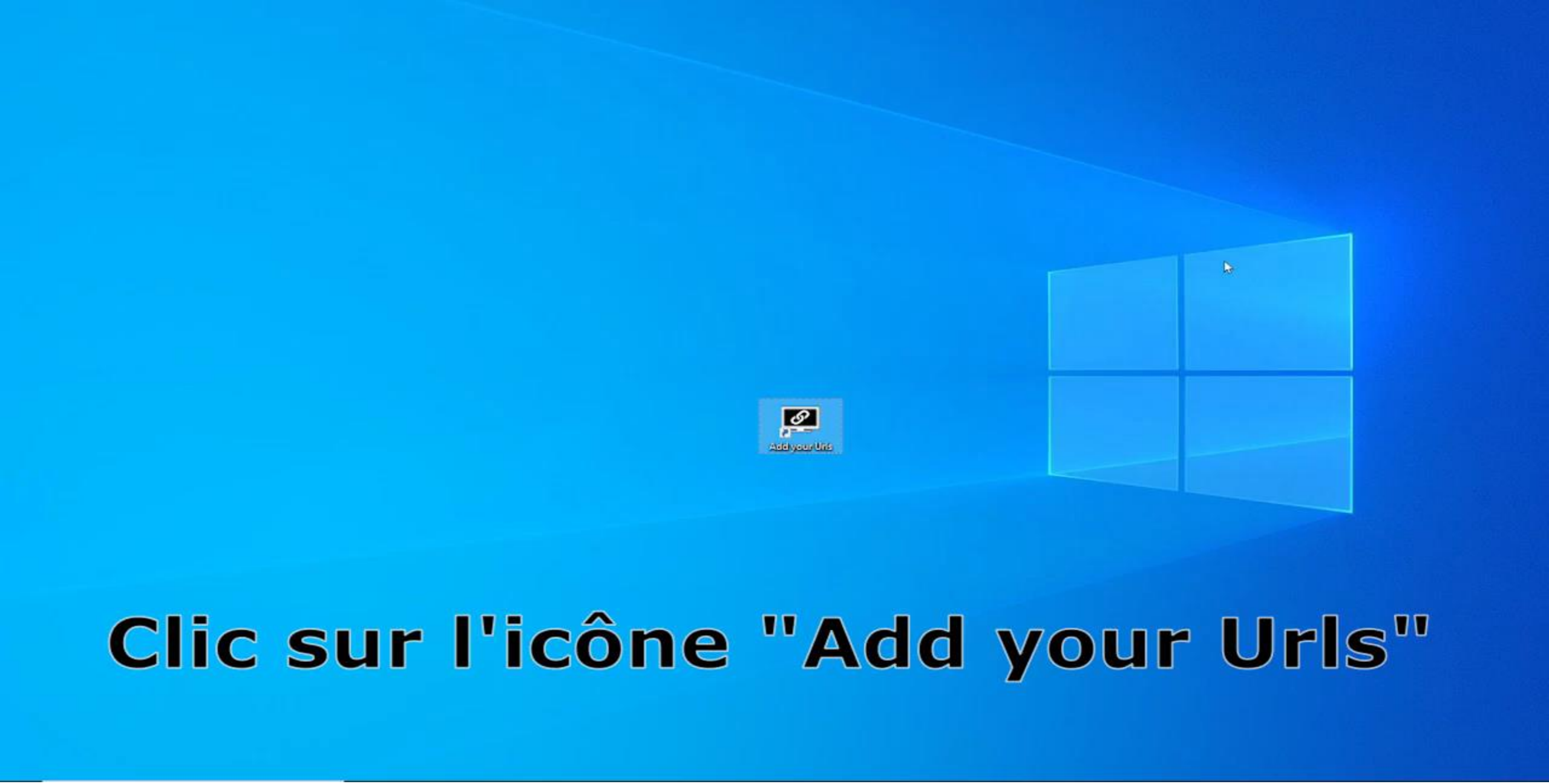
Save and change your displays with just one click, the remote control.

(end)

Save a URL

Save a URL so that it is available and selectable directly within the software.

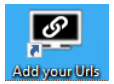
https://www.youtube.com/watch?v=Eq9tkWXQXT0



https://www.youtube.com/watch?v=Eq9tkWXQXT0

Add or remove a pre-registered URL address.

- Add a URL:

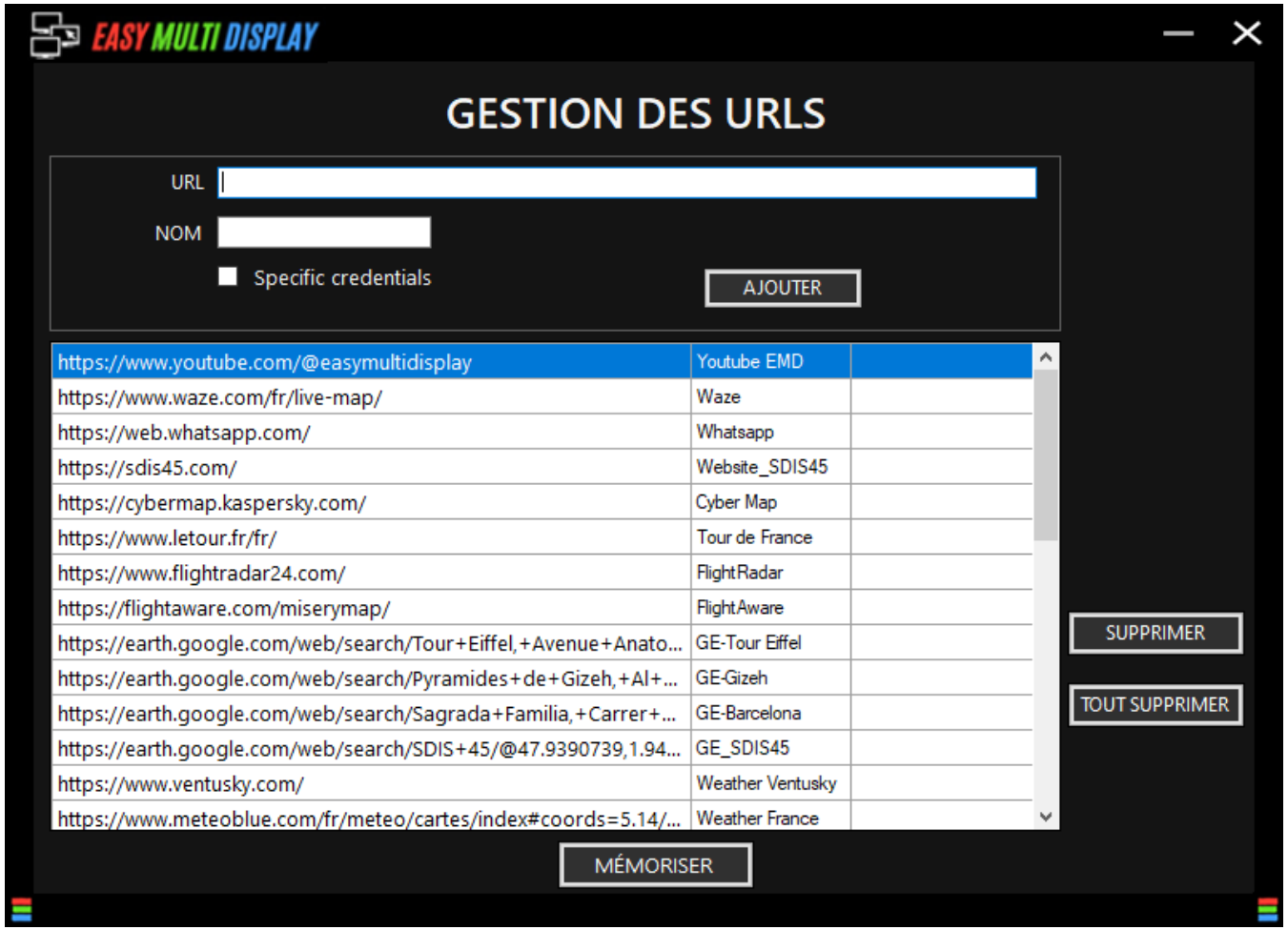
1. On the desktop, click on the icon. 

2. Enter the URL.
3. Give it a name or a description.
4. Click on "Add".

- Delete/Modify a URL:

1. On the desktop, click on the icon.

2. Select the URL to delete.
3. Click on "Delete" or "Modify".

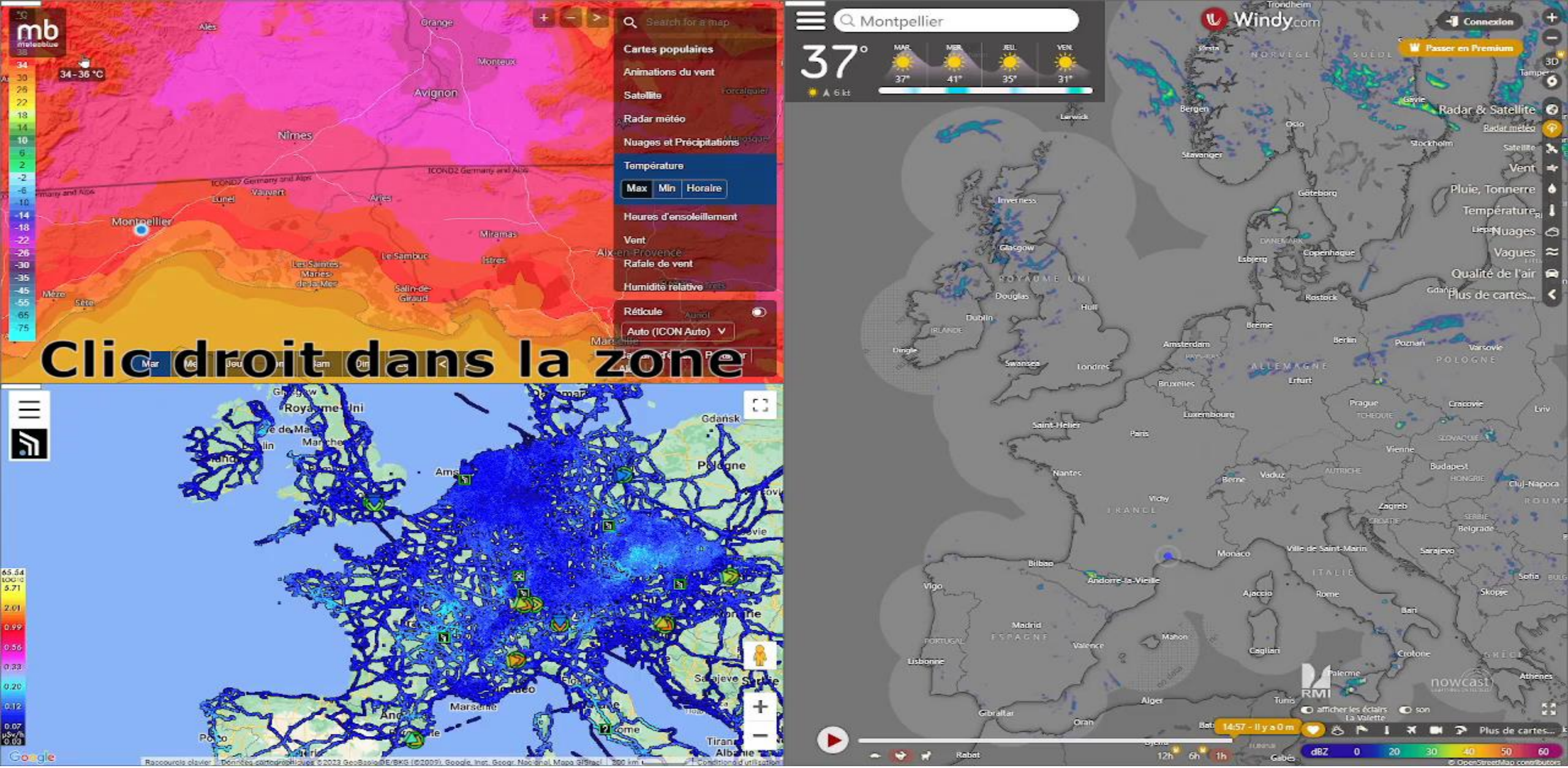


If everything is correct, click on “MEMORIZE" to confirm the change.

Annotate and share a part of the wall.

You can annotate and save an image of a part of an area displayed on a screen.

https://www.youtube.com/watch?v=OOWEmkRL7OM



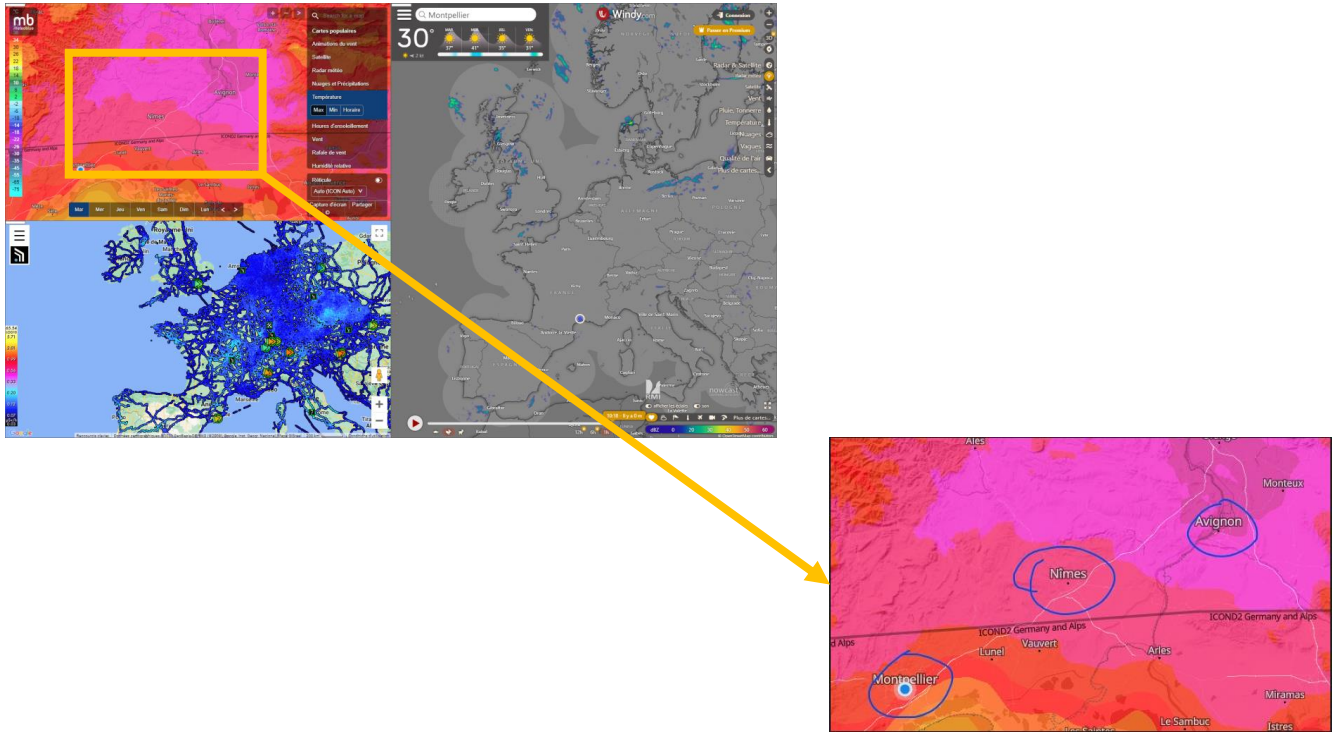
https://www.youtube.com/watch?v=OOWEmkRL7OM

Annotate and share a part of the wall.

We will see, through a fictional example, how to annotate and save an image of a part of an area quickly.

Objective:

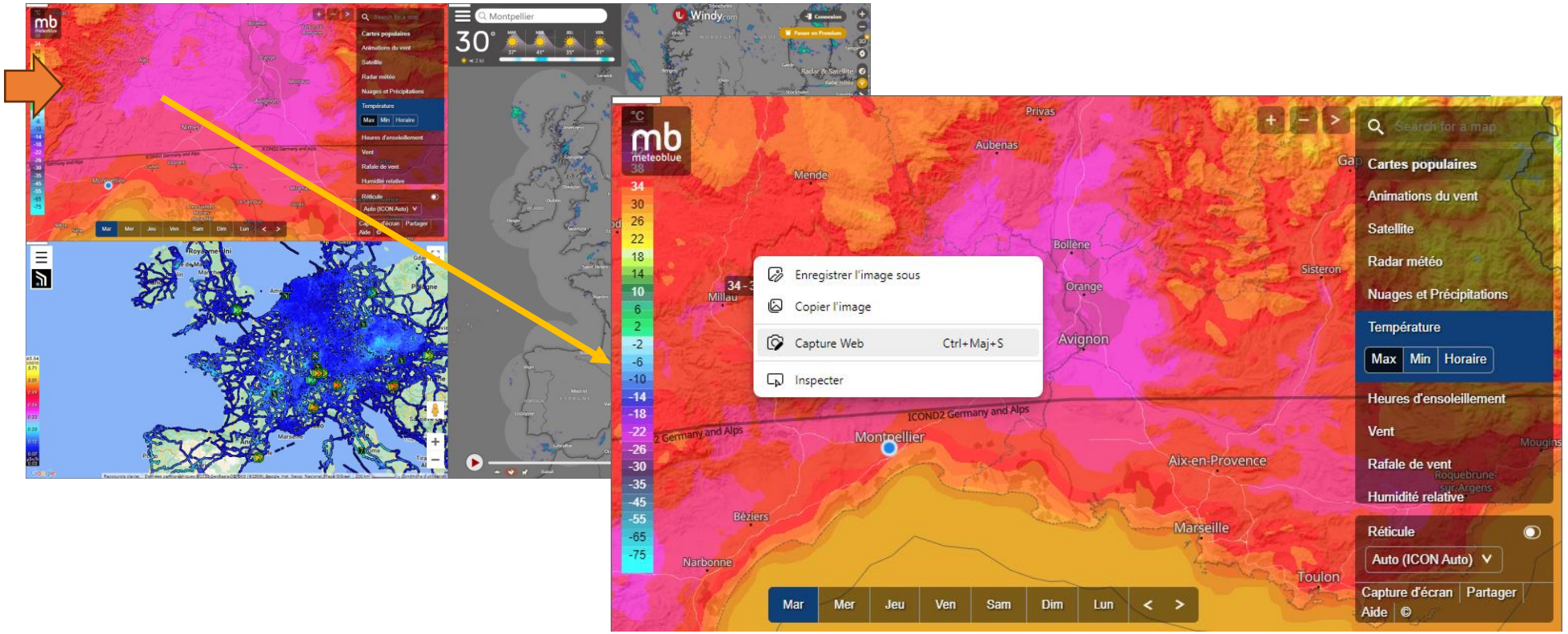
Save an annotated image of a part of an area.



Annotate and share a part of the wall.

Open the capture tool.

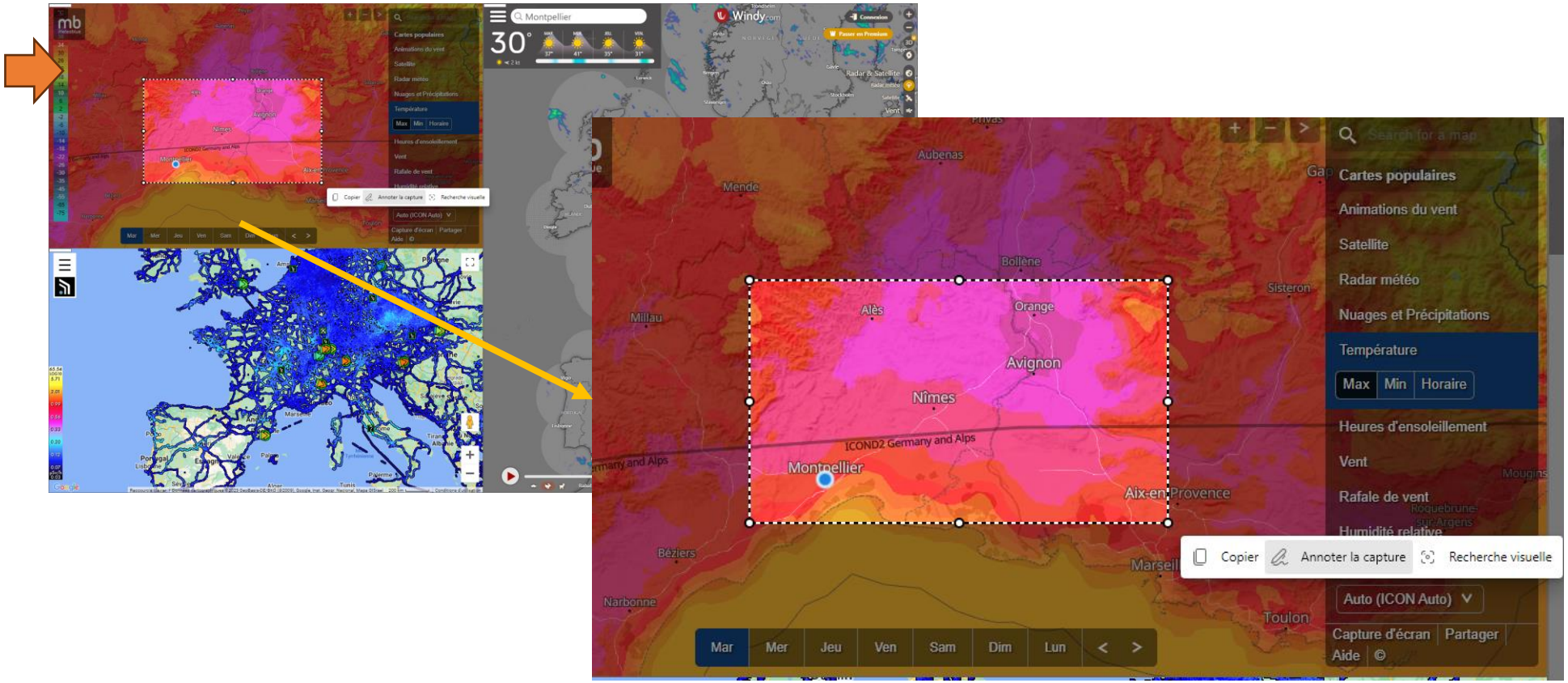
1. Right-click in the area.
2. Select 'Web Capture'.



Annotate and share a part of the wall.

Select the part that will be the image to annotate.

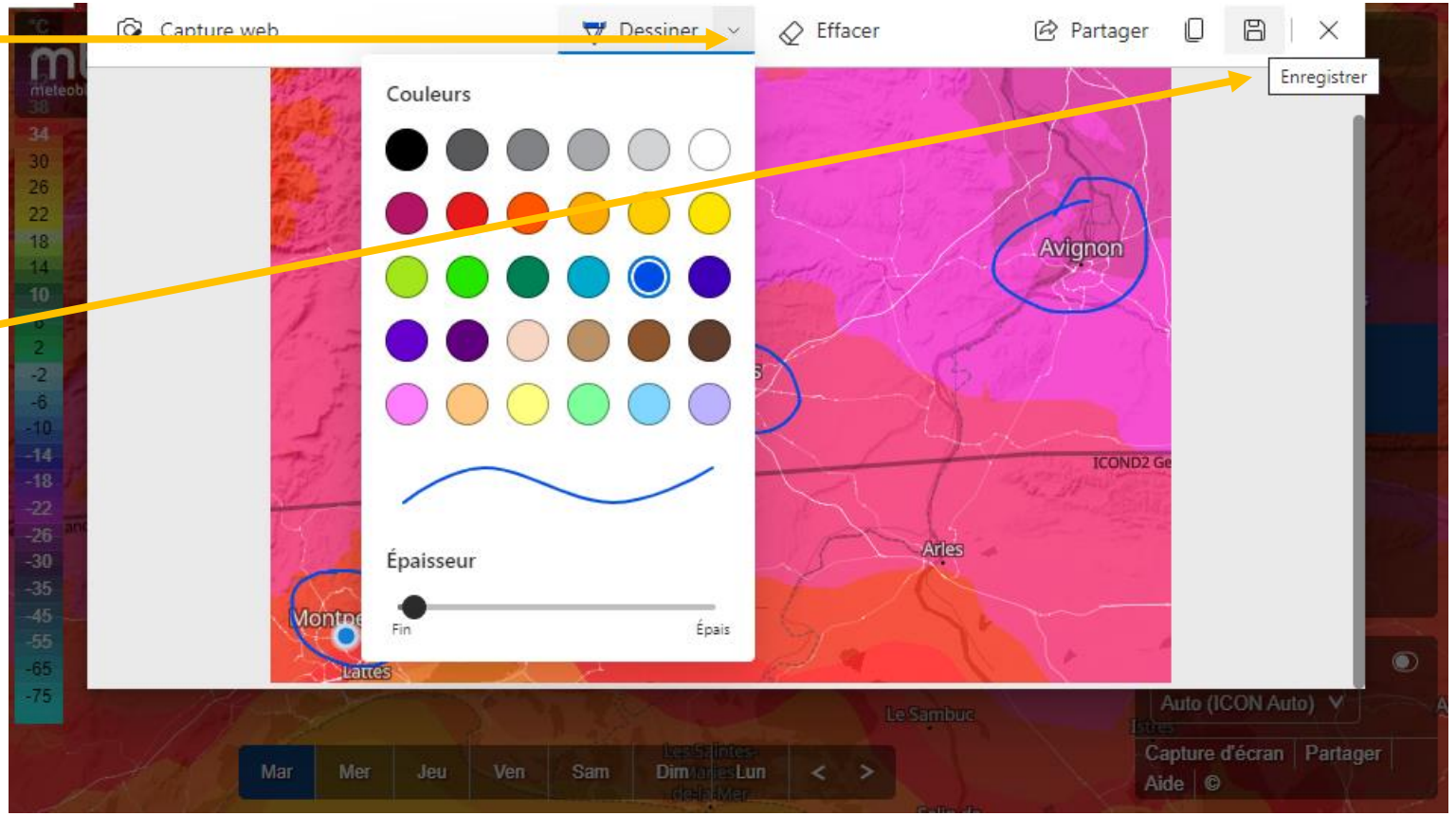
1. Select the part.
2. Click on 'Annotate Capture'.



Annotate and share a part of the wall.

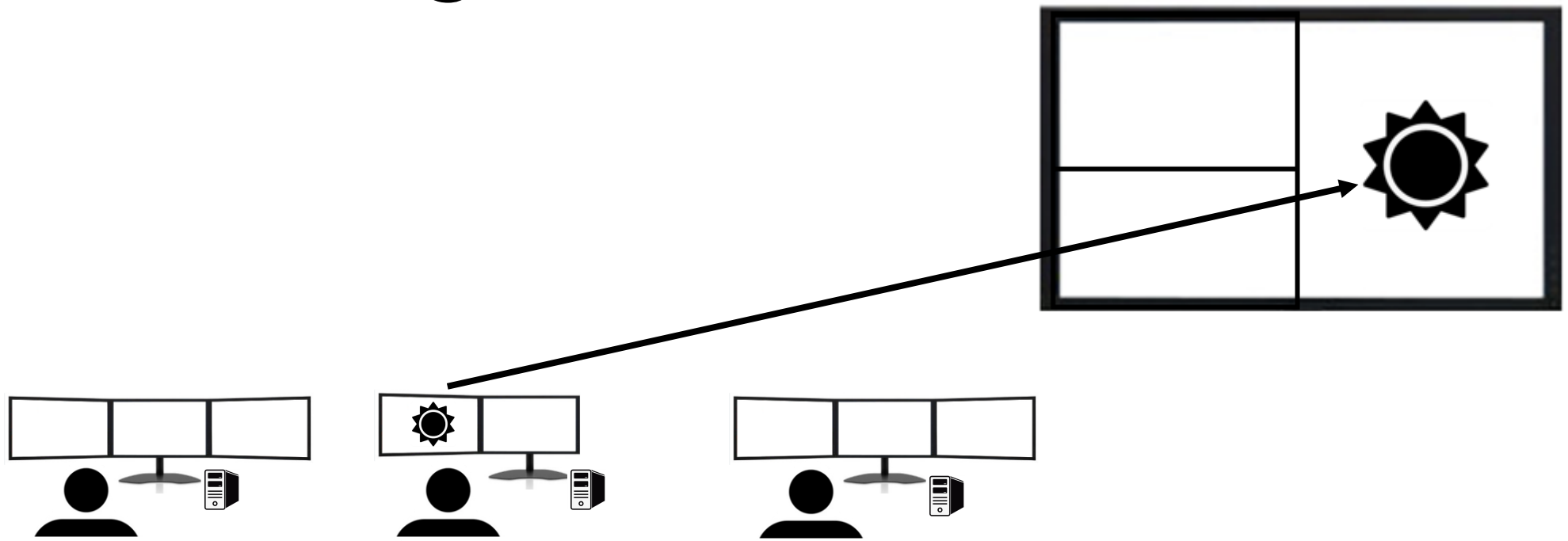
Annotate the image.

1. Choose a color.
2. Annotate.
3. Click on the 'Save' button.



Project one of the screens from another computer onto the wall

Or how to project one of the screens from another computer onto the wall using the 'Contributor' feature?



Project one of the screens from another computer onto the wall

- There are 2 ways to interact with a wall to project a computer screen:

1. By directly taking control of a part of the wall, bypassing the currently used display configuration.
2. By creating a configuration with a display area linked to a computer via the address of that computer.

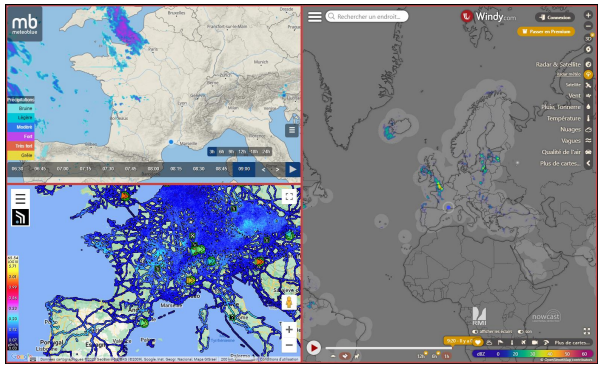
The 'Contributor' feature enables these actions.

Project one of the screens from another computer onto the wall : method 1

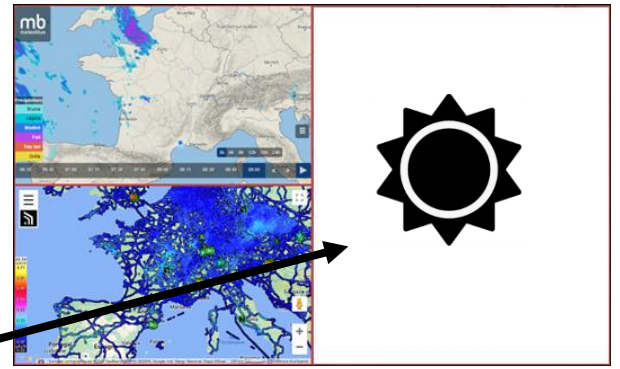
We will see, through a fictional example, how operators can take control of a part of the wall to project one of their screens in place of the initially planned element.

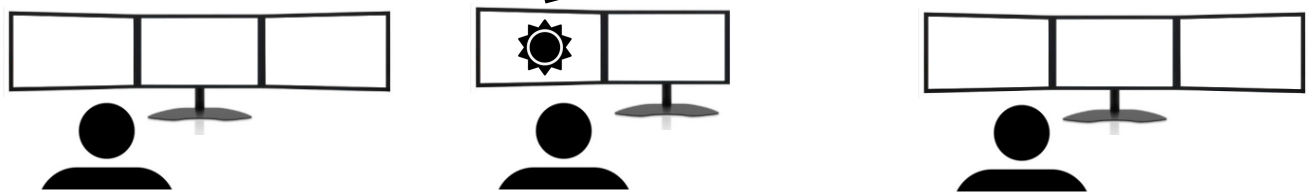
Objective:

1. Set up the 'EMD Contributor' tool on the operator's PC.
2. Broadcast the computer screen on the wall.



The operator clicks on 'broadcast'.

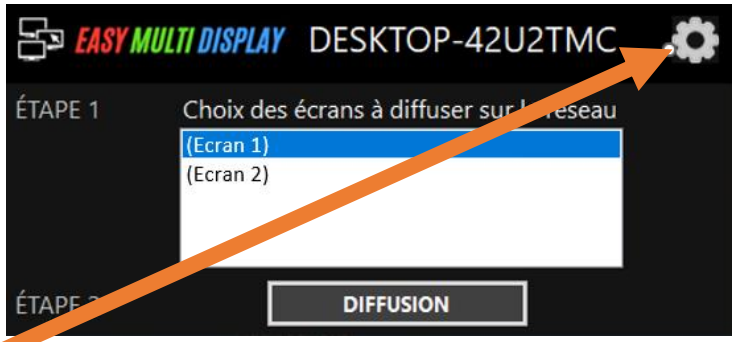


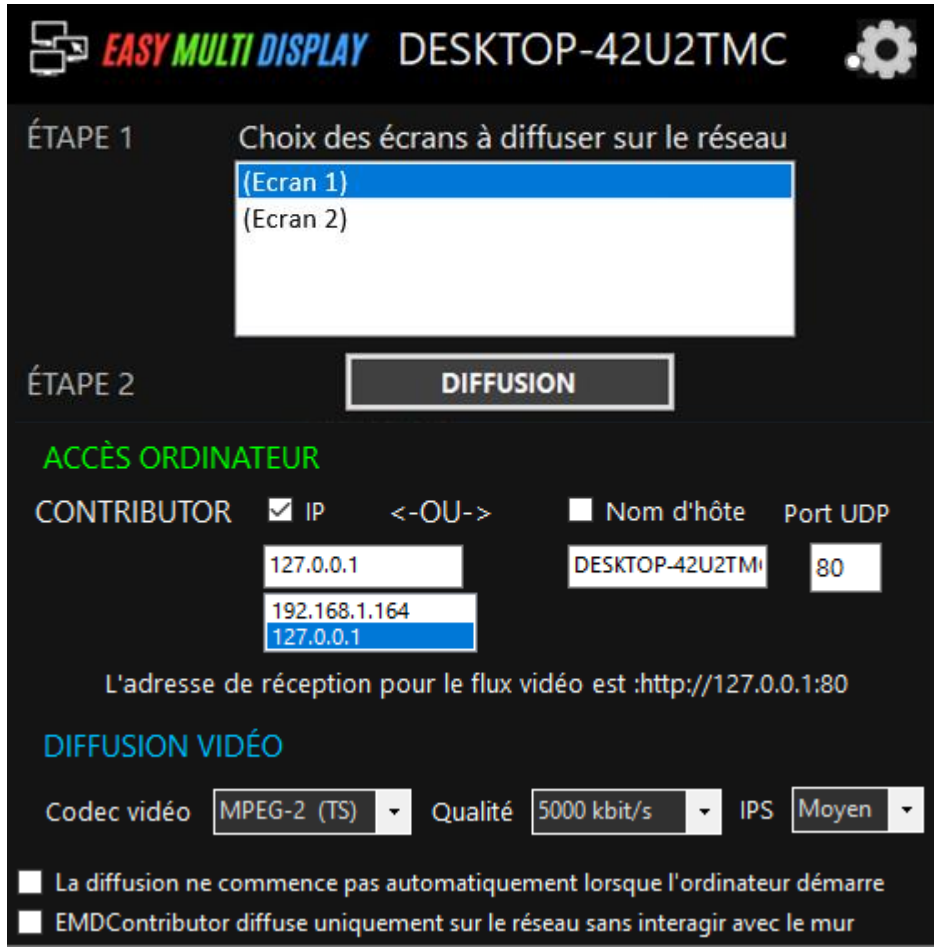


Project one of the screens from another computer onto the wall : method 1

Step 2.1: Set up the 'EMD Contributor' tool on the **operator's PC**.

- Open 'EMD Contributor' by clicking on the icon:



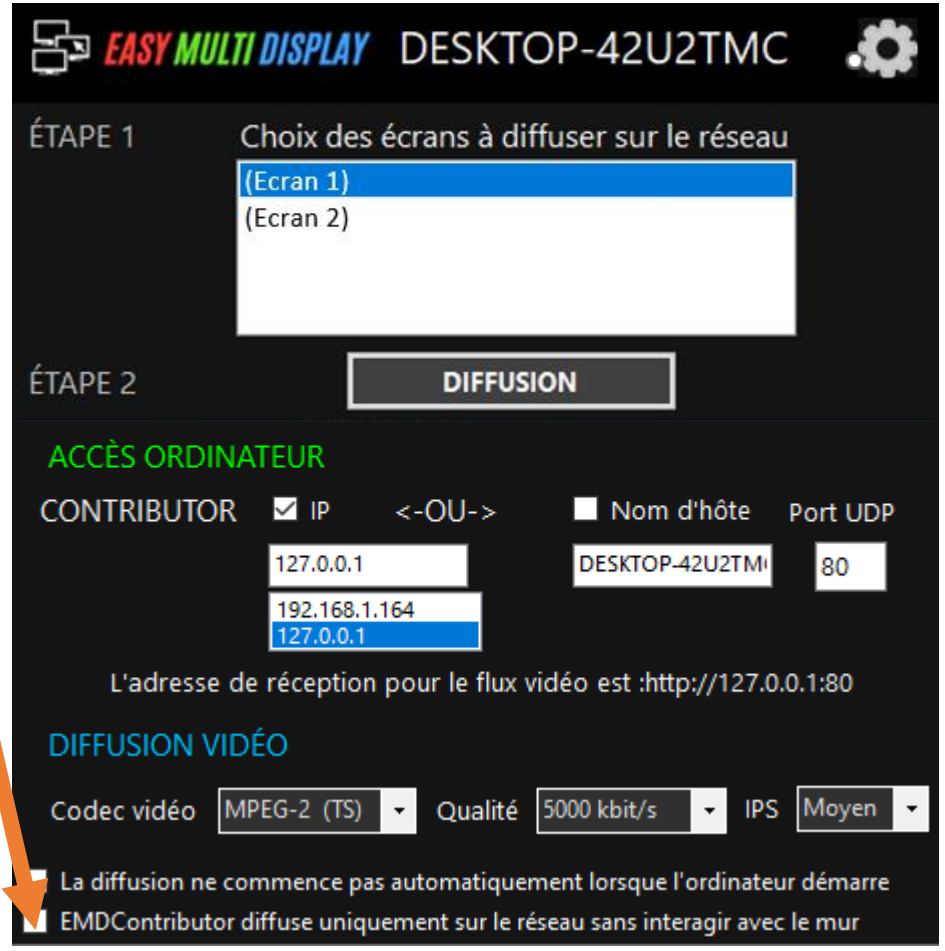


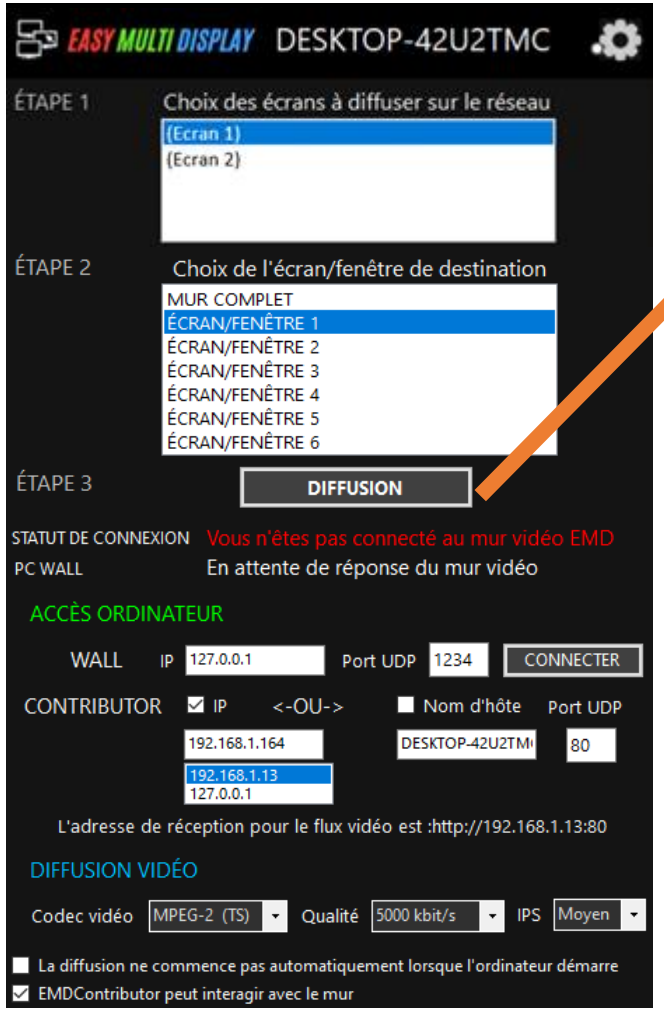
- Click on the gear to open the settings.

Project one of the screens from another computer onto the wall : method 1

Step 2.2: Set up the 'EMD Contributor' tool on the operator's PC.

- Check this box.





- By clicking on 'BROADCAST' here, the operator will share their screen 1 on window 1 of the wall.

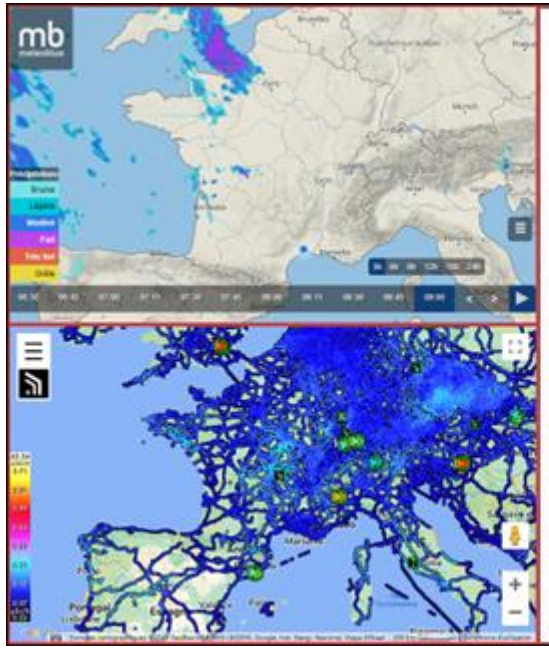
Project one of the screens from another computer onto the wall : method 2

We will see, through a fictional example, how operators can project one of their screens into a designated display area.

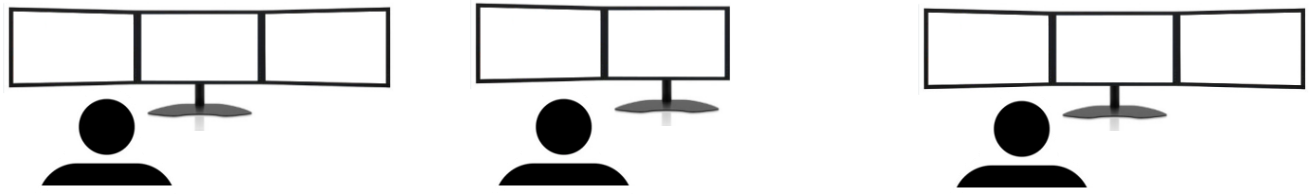
Objective:

1. Create a configuration with an area allocated for an operator.
2. Set up the 'EMD Contributor' tool on the operator's PC.
3. Broadcast the computer screen on the wall.

With this method, you will need to create as many configurations as there are operators if you want them all to display a screen on the wall. You can easily switch from one configuration to another with the remote control.

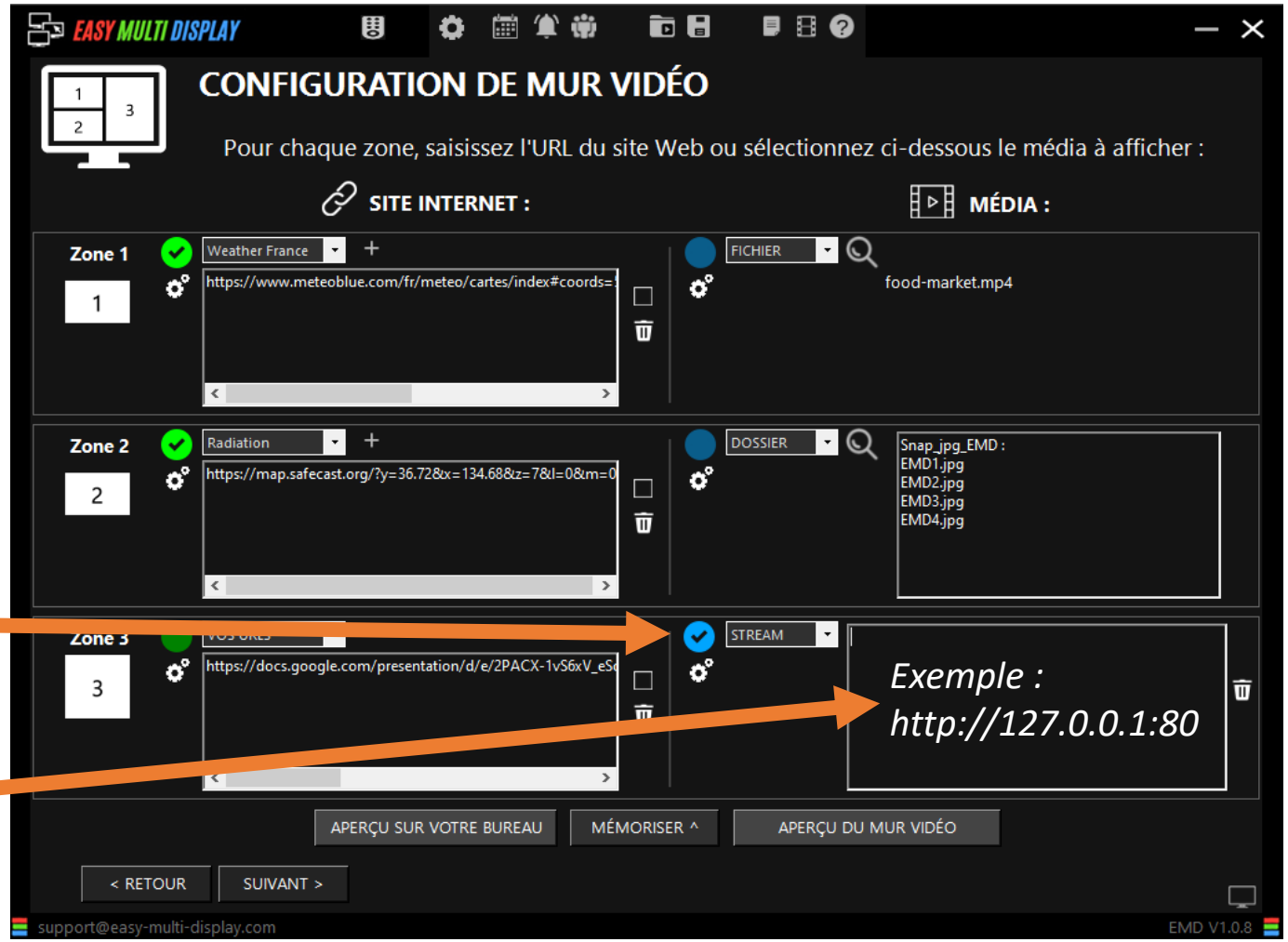


Area reserved for a computer.



Project one of the screens from another computer onto the wall : method 2

Step 1: Create a configuration with an area allocated for an operator.



- Select the media type 'STREAM'.
- Enter the address (or name) of the computer whose screen you want to broadcast.

Project one of the screens from another computer onto the wall : method 2

Step 2: Set up the 'EMD Contributor' tool on the operator's PC.

- Open 'EMD Contributor' by clicking on the icon:

- Click on the gear to open the settings.

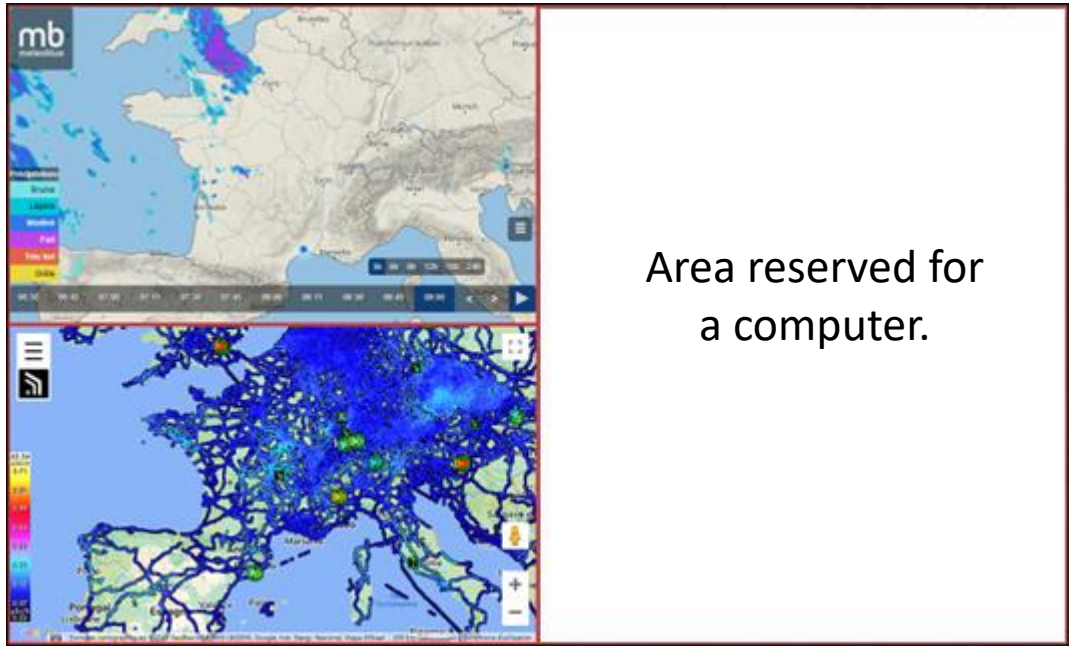
C2.3- How to project a PC screen or a phone camera to your wall?

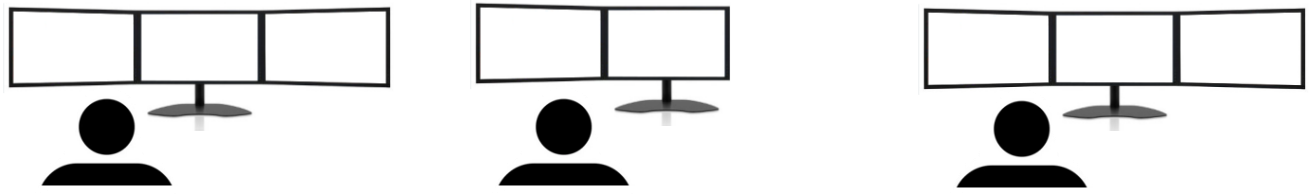
Project the screen of a PC or a phone camera onto the video wall (other methods)

We will see, through a fictional example, how operators can display the image wall on one of their screens.

Methods:

1. HDMI
2. REMOTE DESKTOP
3. Broadcasting the camera of a phone

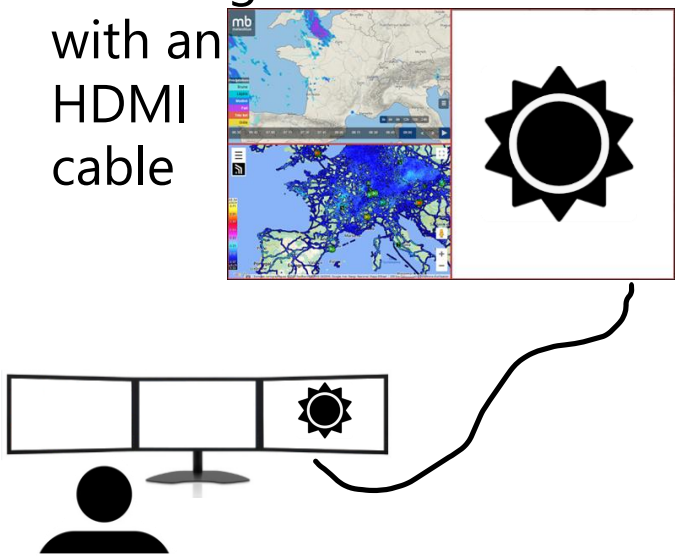




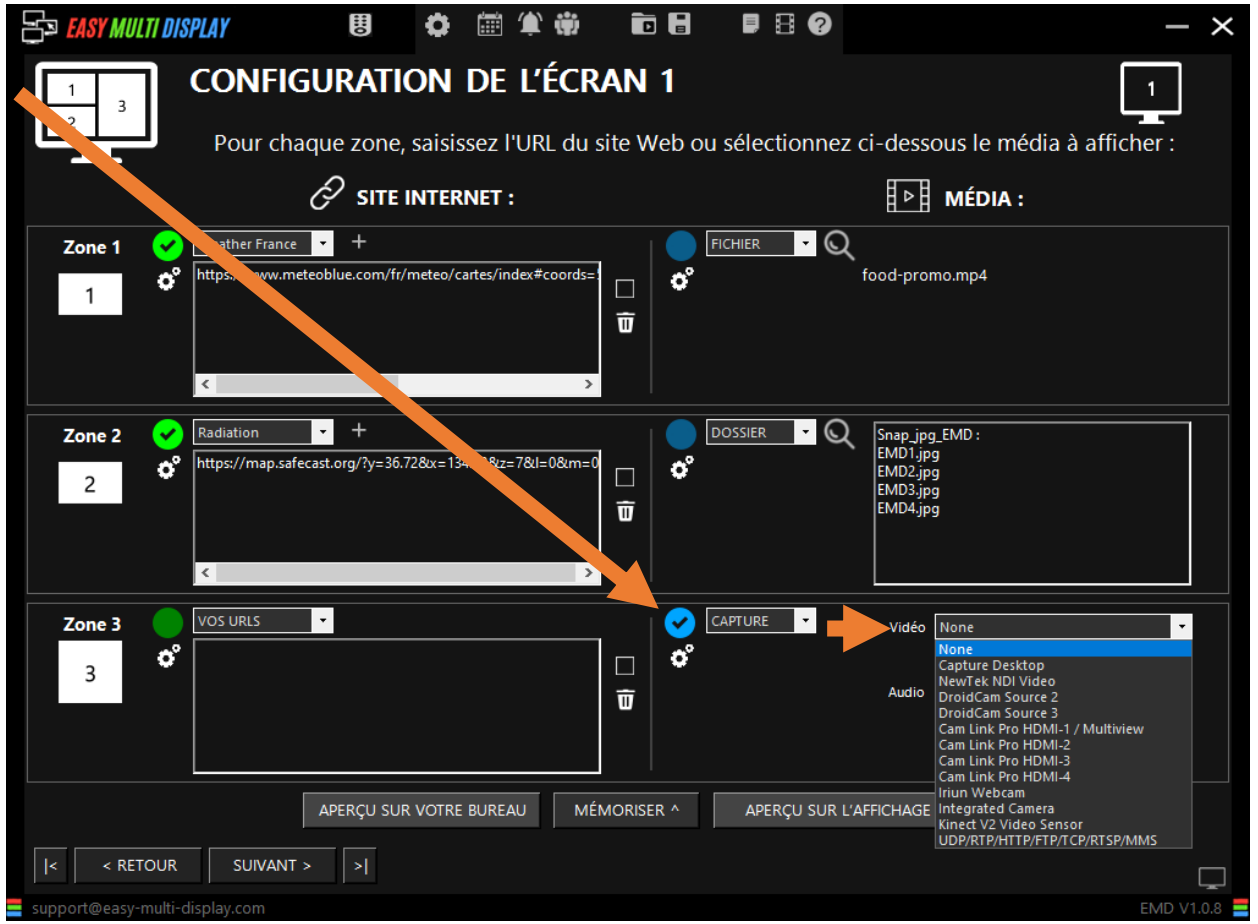
Project the screen of a PC or a phone camera onto the video wall (other methods)

Method 1: With an HDMI cable

- Connect the display screen and the image wall with an HDMI cable



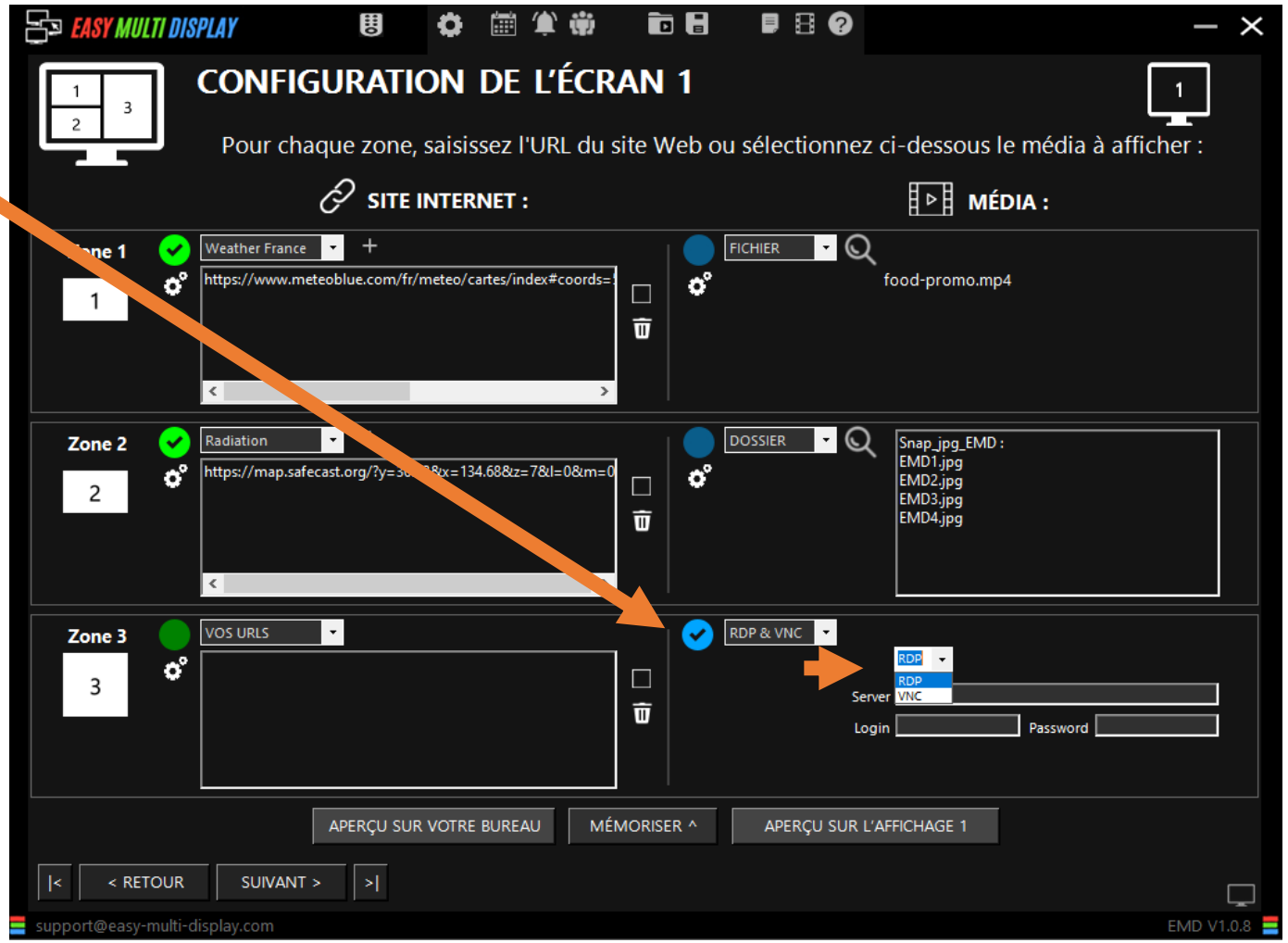
- Click on 'Capture'
- Choose the device to display



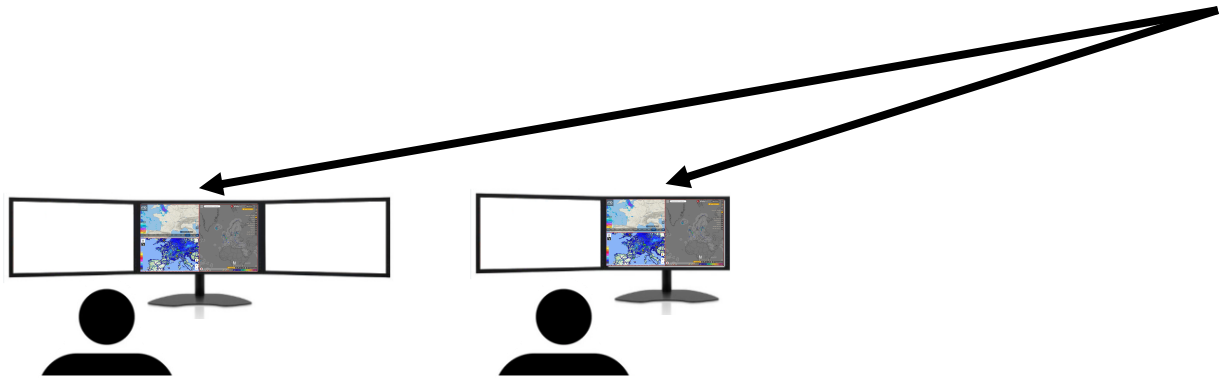
Project the screen of a PC or a phone camera onto the video wall (other methods)

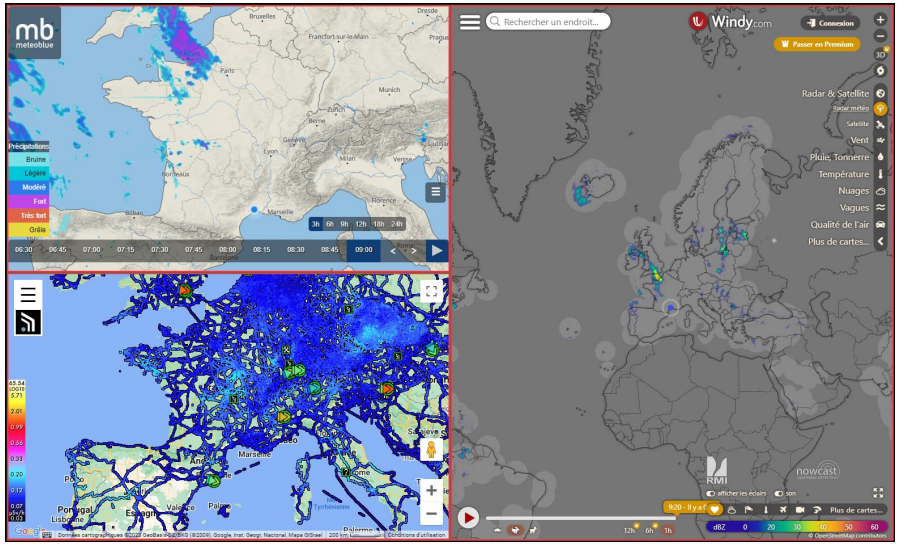
Method 2: Remote Desktop

- Select ' RDP & VNC '
- Enter remote connection information.



C2.4- How to broadcast your wall like a TV channel?



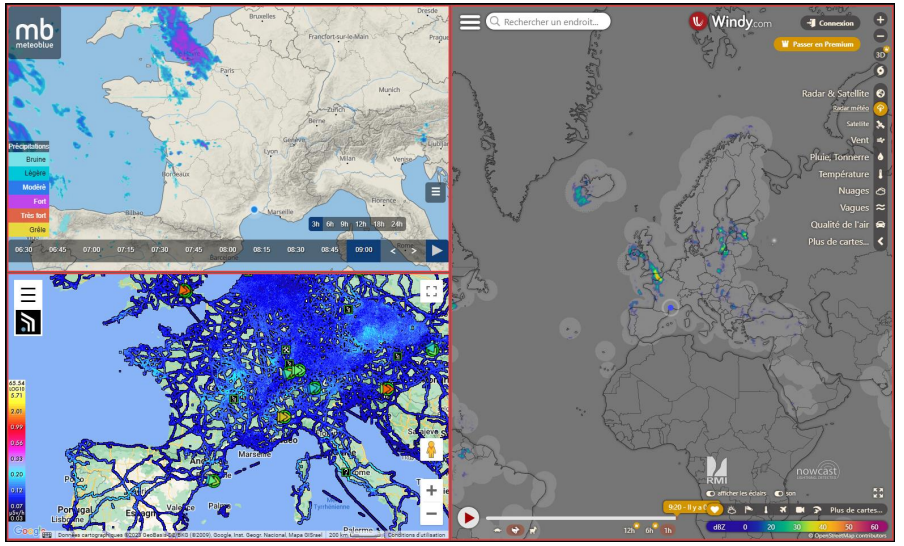


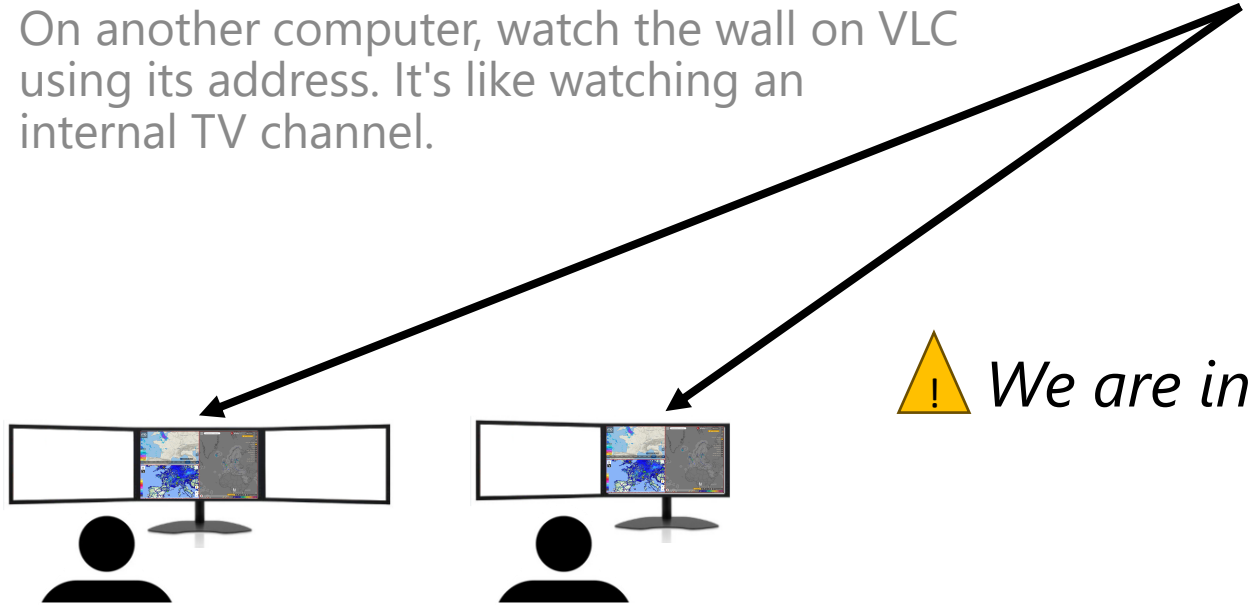
Broadcast your wall

We will see, through a fictional example, how operators can display the image wall on one of their screens.

Steps:

1. Access the wall broadcast settings
2. Activate the wall broadcast
3. On another computer, watch the wall on VLC using its address. It's like watching an internal TV channel.



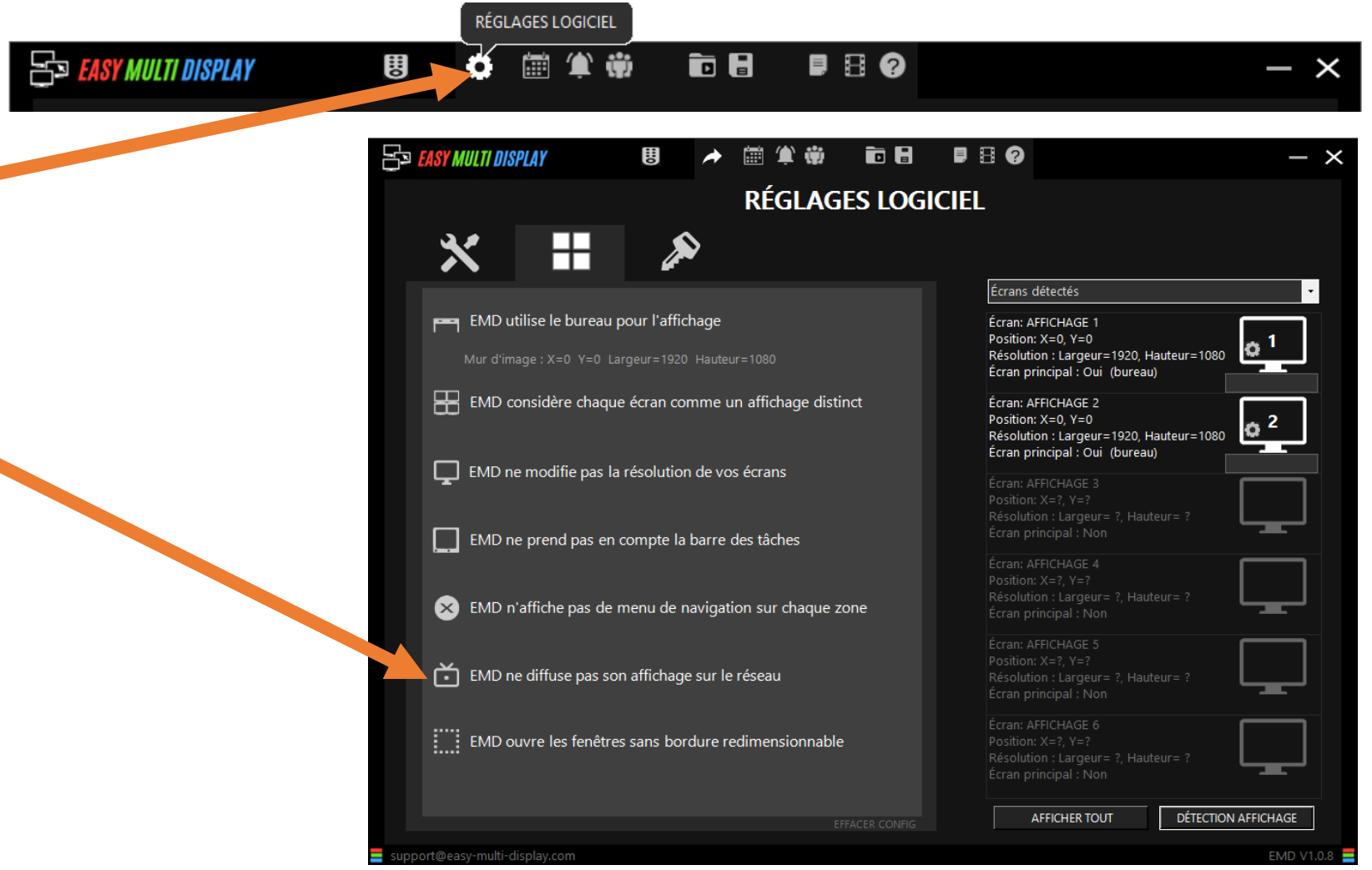


⚠ *We are in the context of a local network.*

Broadcast your wall

Step 1: Access the wall broadcast settings.

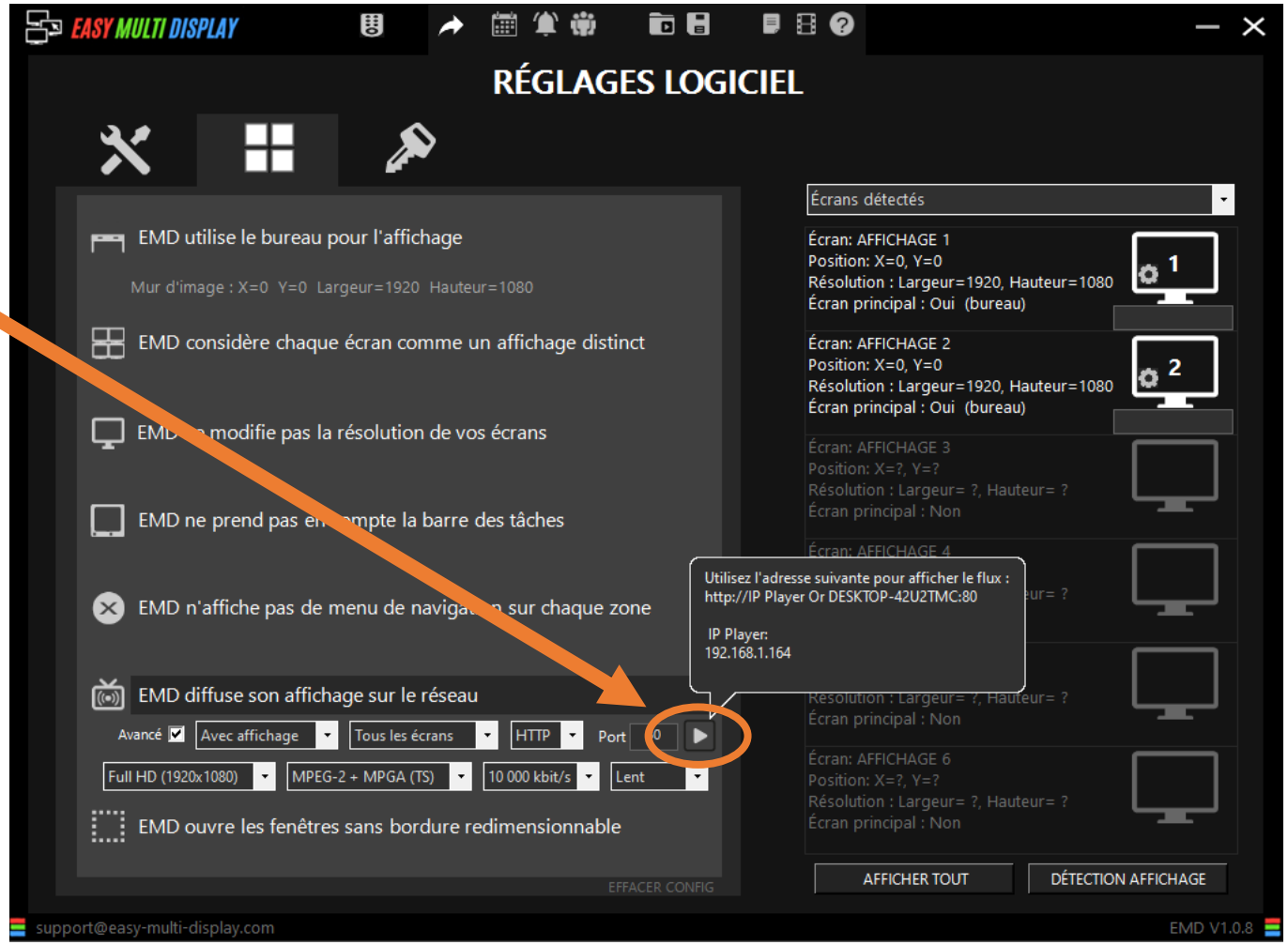
- Click on 'SOFTWARE SETTINGS' in the banner at the top of the window.
- Click here.



Broadcast your wall

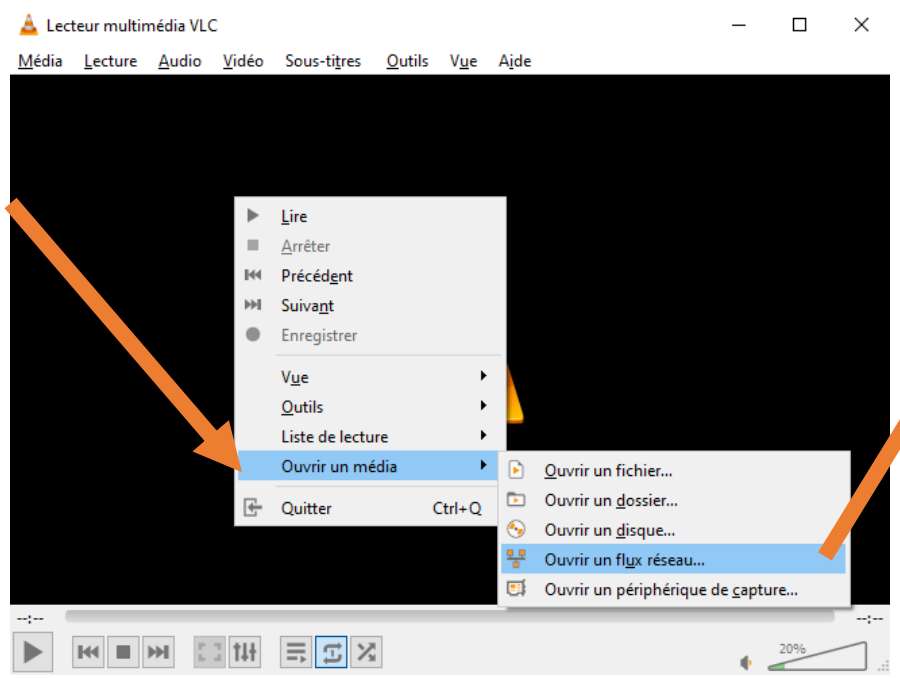
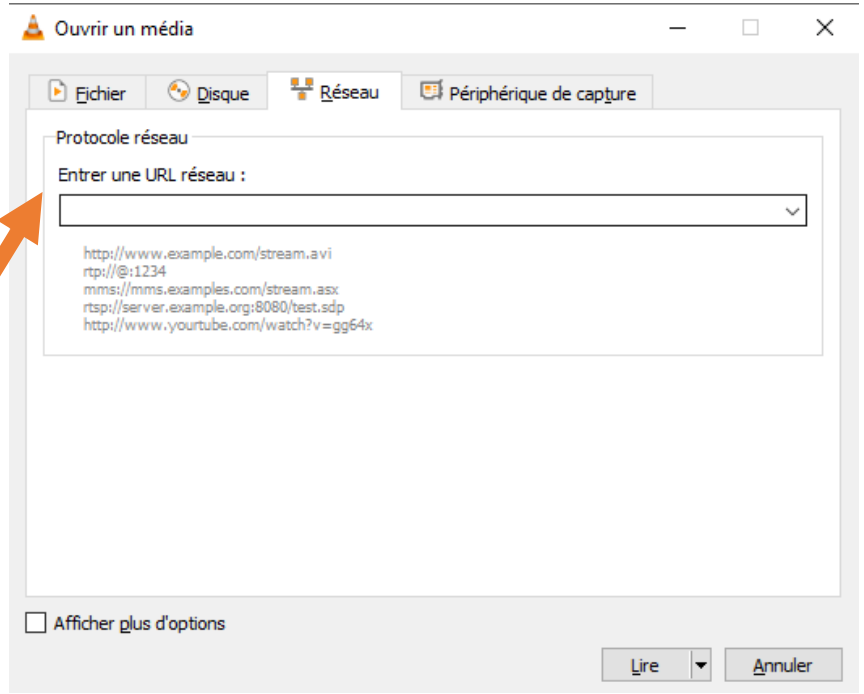
Step 2: Activate the wall broadcast

- Click on the play symbol to activate the wall broadcast.
- You can see the address of the wall by hovering the mouse cursor over the play symbol for a few seconds.



Broadcast your wall

Step 3: On another computer, watch the wall on VLC using its address

- In VLC, right-click and then select
'Open Media'
and then
'Open Network Stream'.

- Enter the URL of the wall.