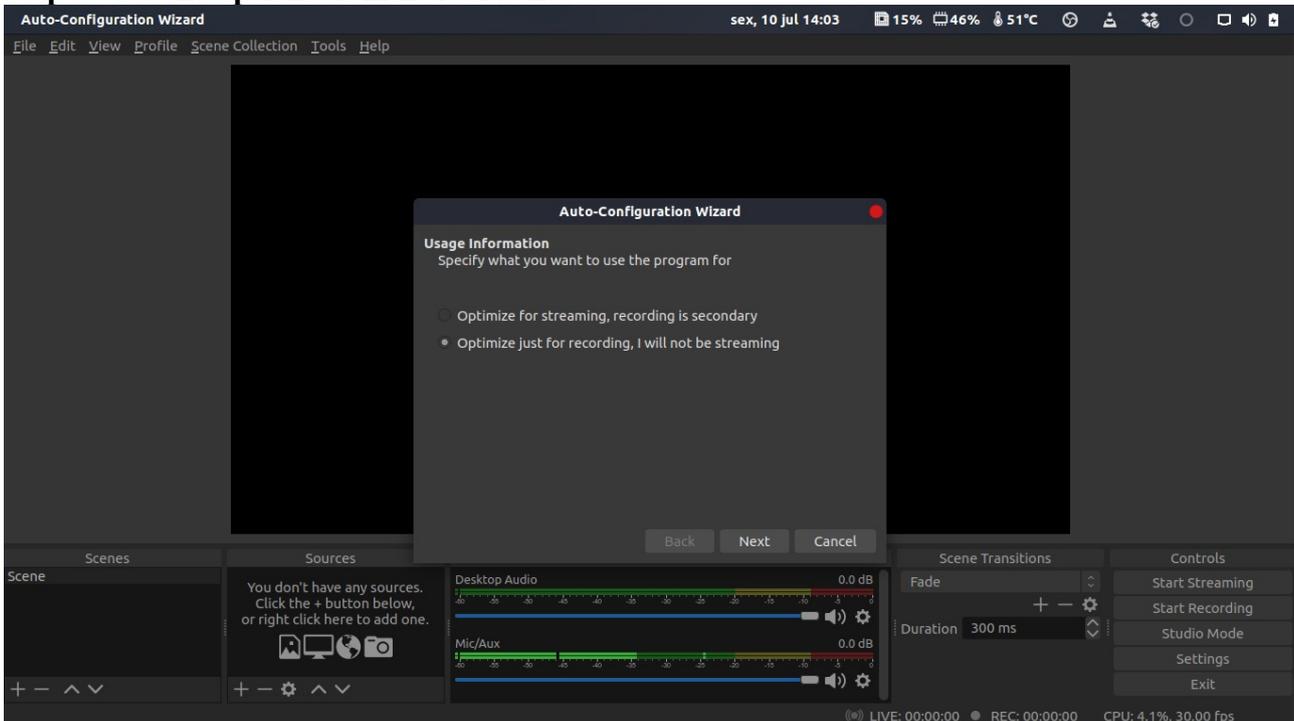


OBS Studio Tutorial: How to record your presentation

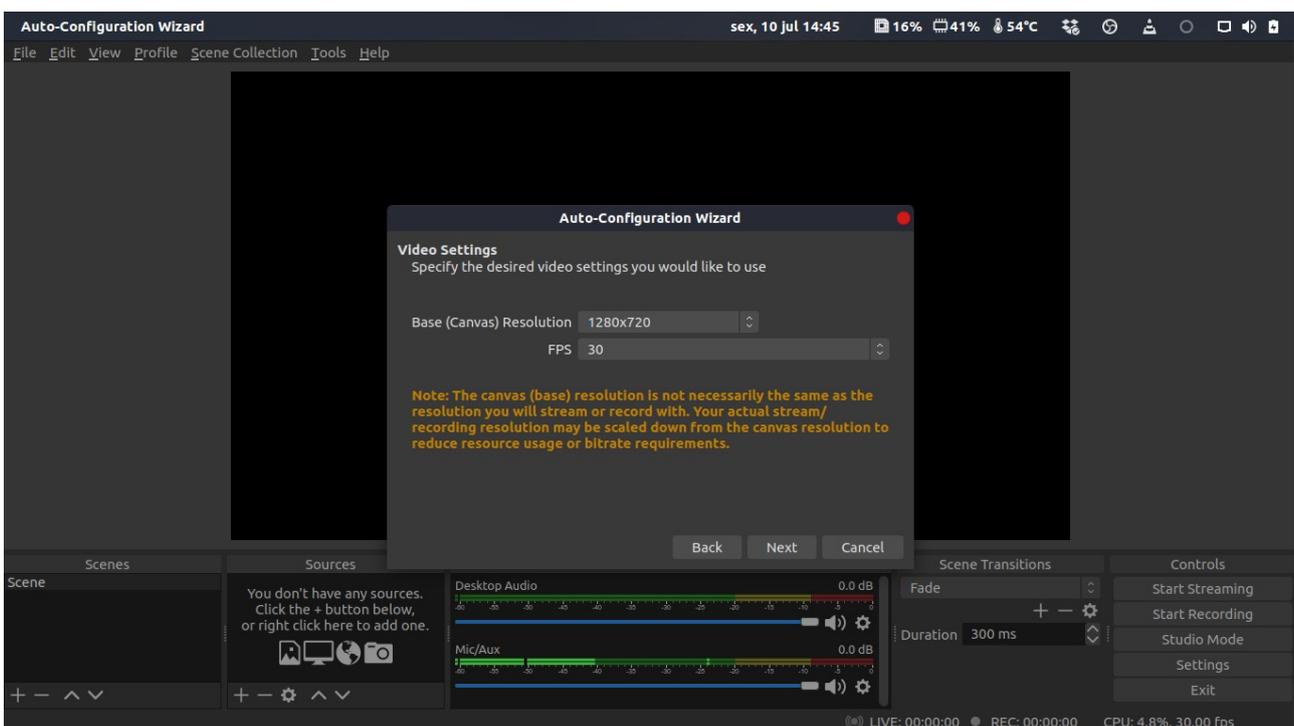
Step 1 - Download OBS Studio at <https://obsproject.com/> (available for Windows, MacOS and Linux)

Step 2 - Open OBS Studio and run the Auto-Configuration Wizard (Tools -> Auto-Configuration Wizard)

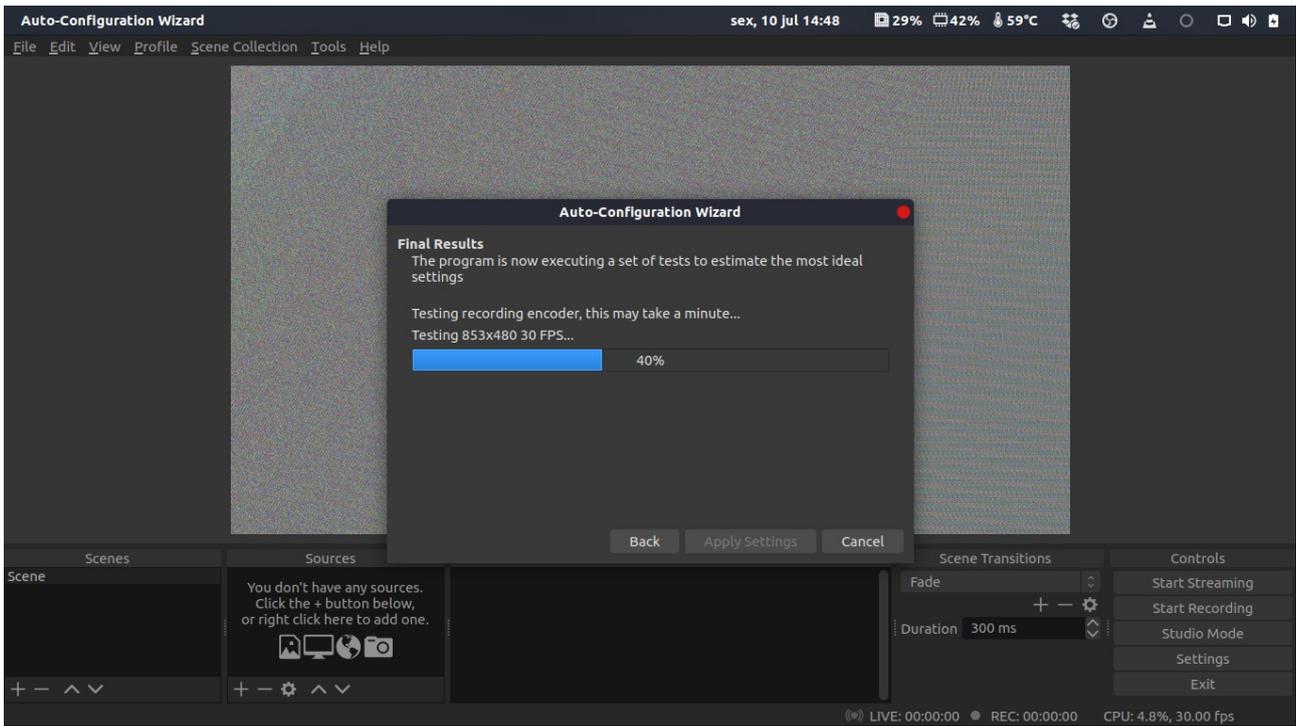
Step 3 - Set the options as indicated below:



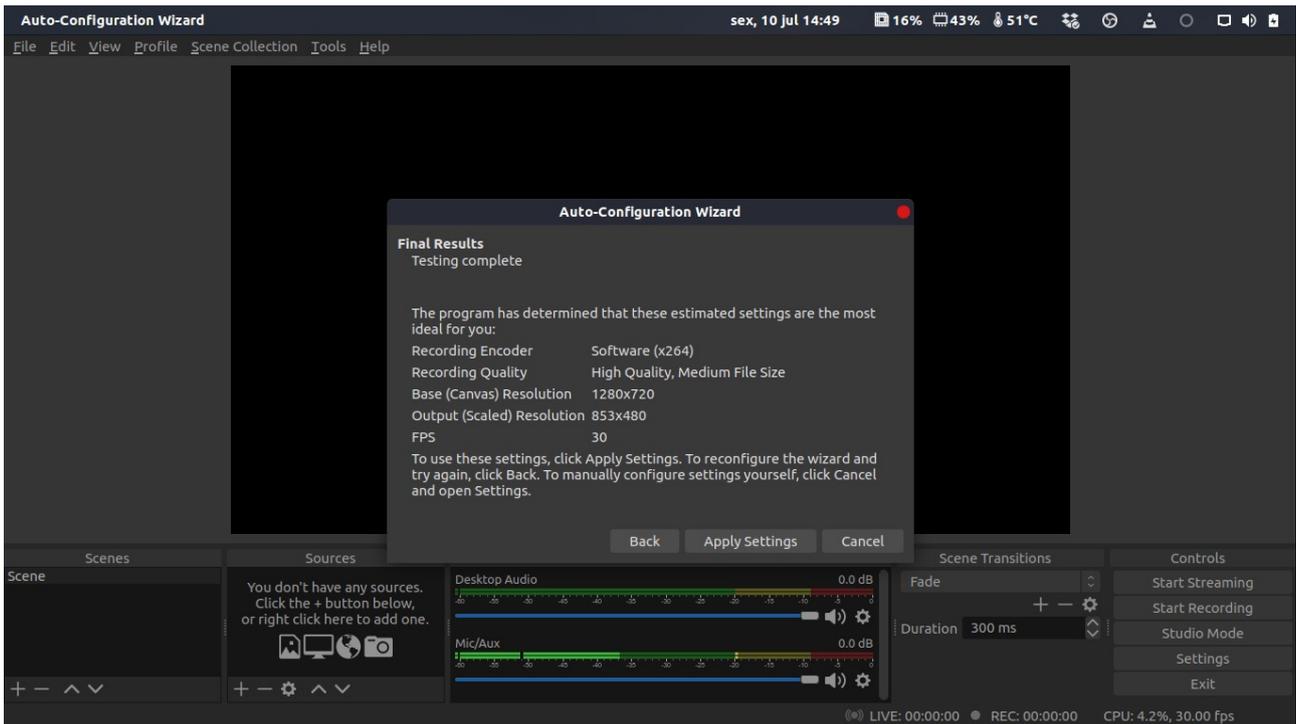
Select “Optimize just for recording, I will not be streaming”. Click “Next”.



Resolution: preferably 1280x720 (HD) or 1920x1080 (Full HD). Should be equal or lower than your current resolution (shown by “Display 1”). Set FPS to 30. Click “Next”.



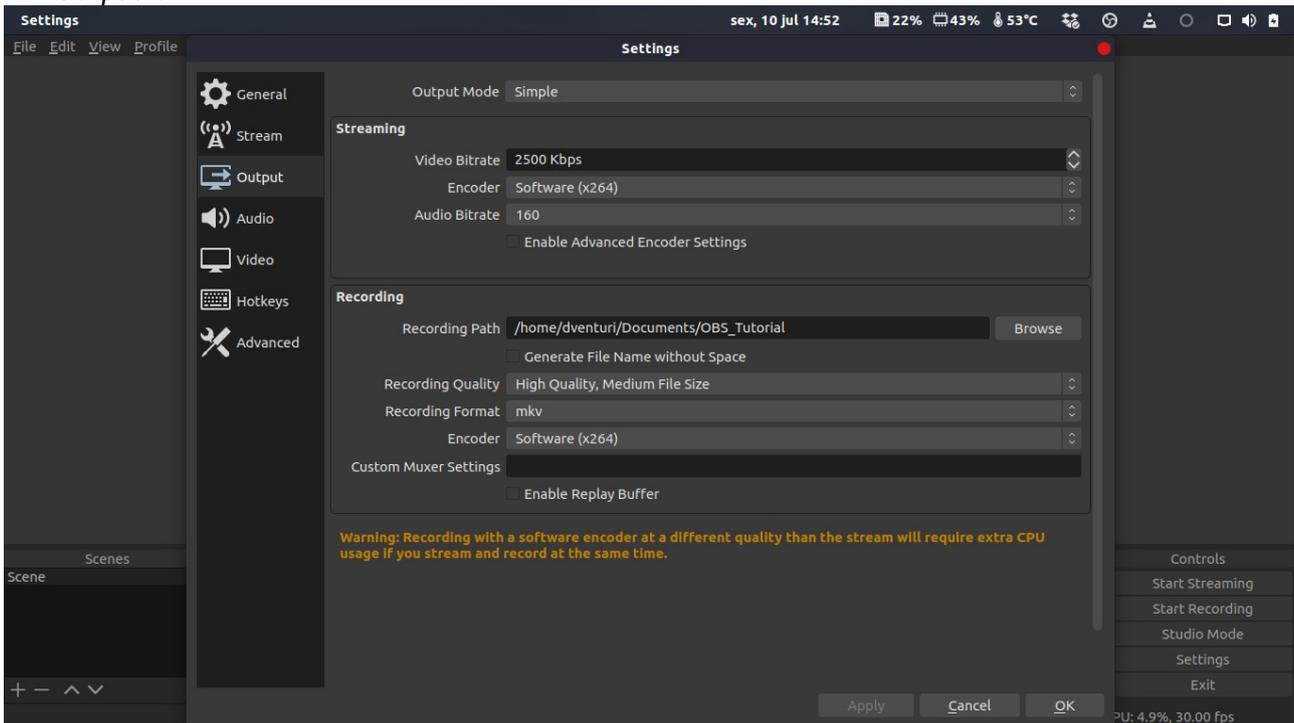
Auto-Configuration Wizard will run a test.



Apply the recommended settings.

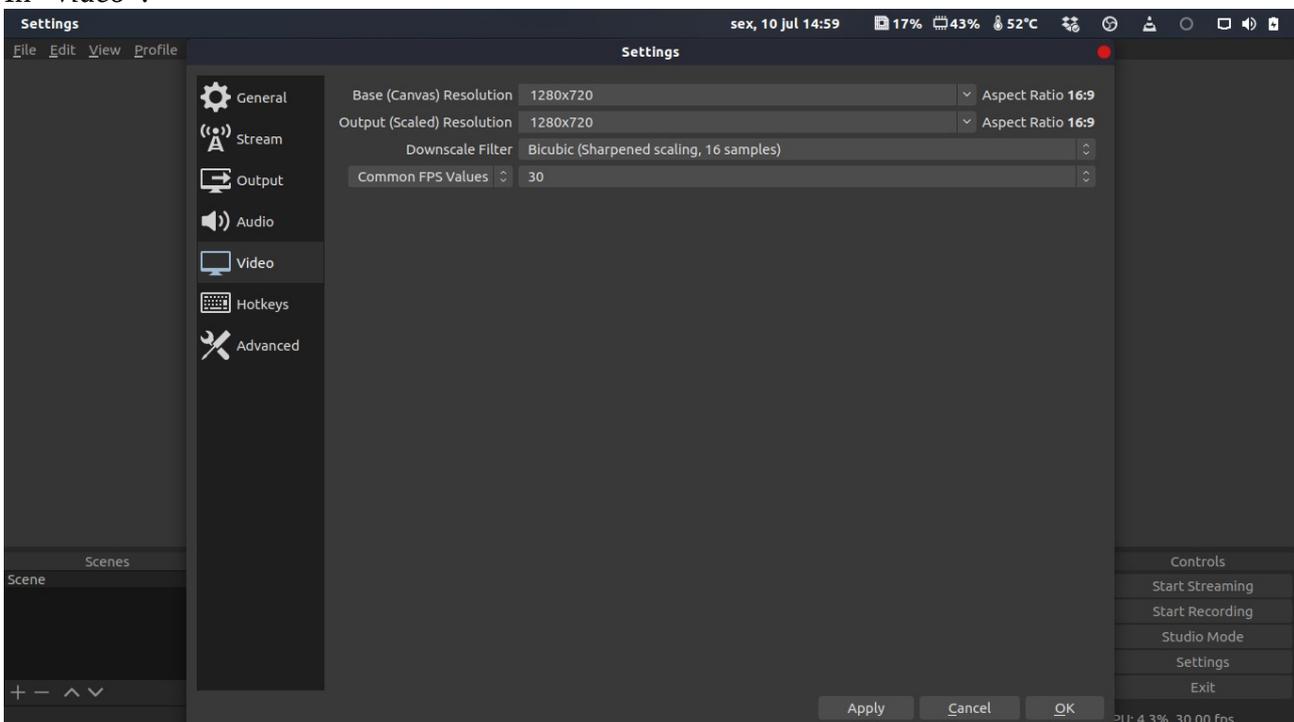
Step 4 - Check the recommended settings: File -> Settings

In “Output”:



Check if your configurations match those in the figure, mainly “Video Bitrate = 2500 Kbps”, “Recording Quality = High Quality, Medium File Size” and “Recording Format = mkv”. Set your “Recording Path” accordingly.

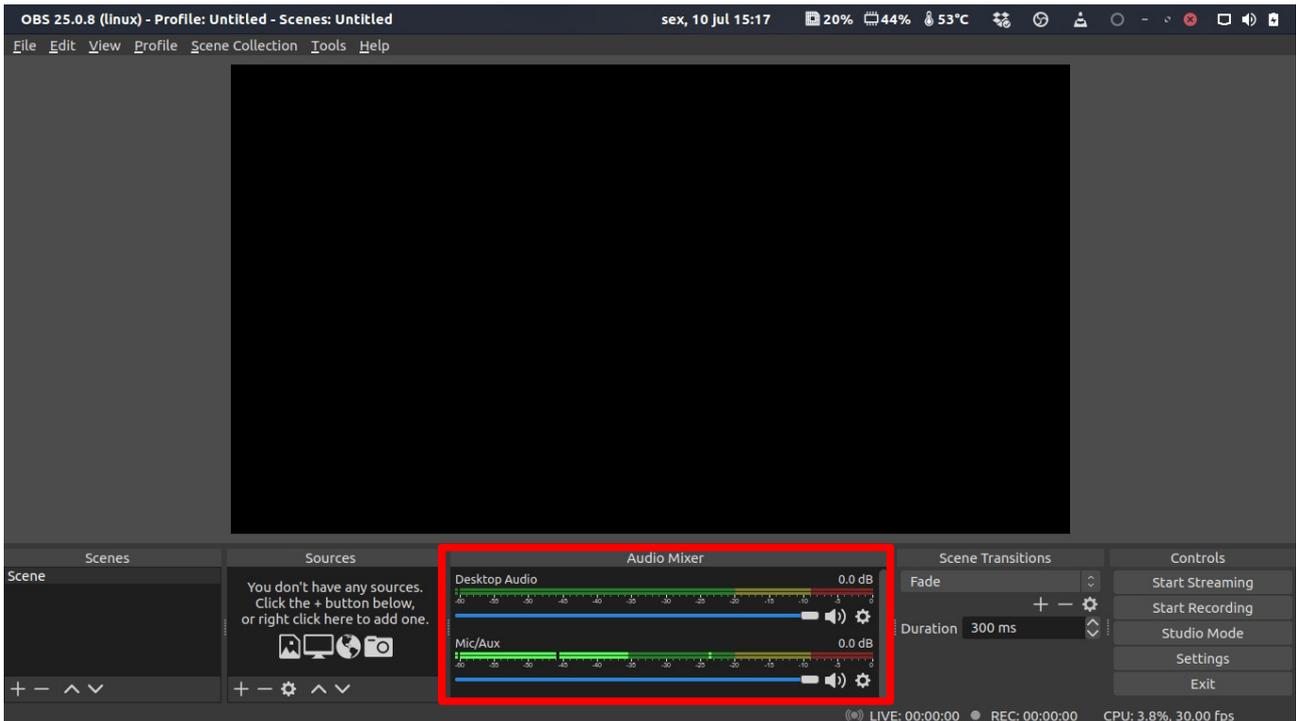
In “Video”:



Check if your “Output (Scaled) Resolution” matches the “Base (Canvas) Resolution”, and if the “FPS Value” is set to 30.

Click “OK” to accept the configurations and close the dialog box.

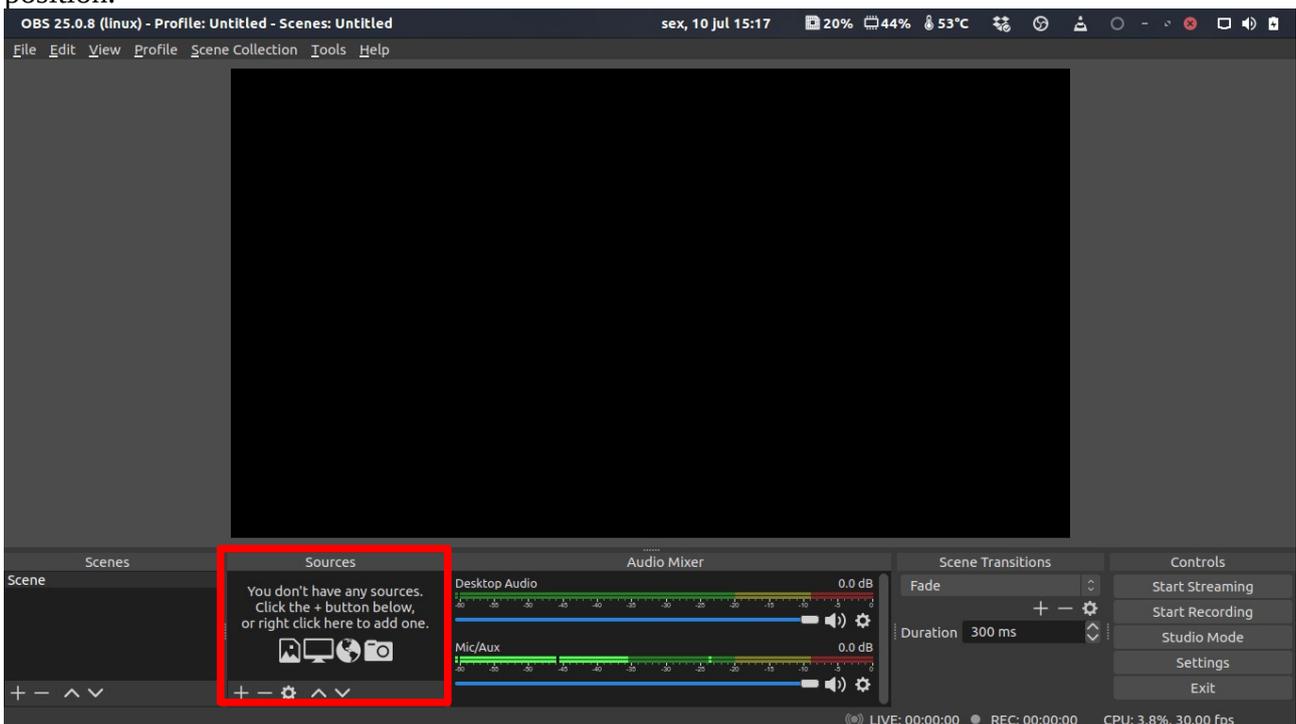
Step 5 - Check audio



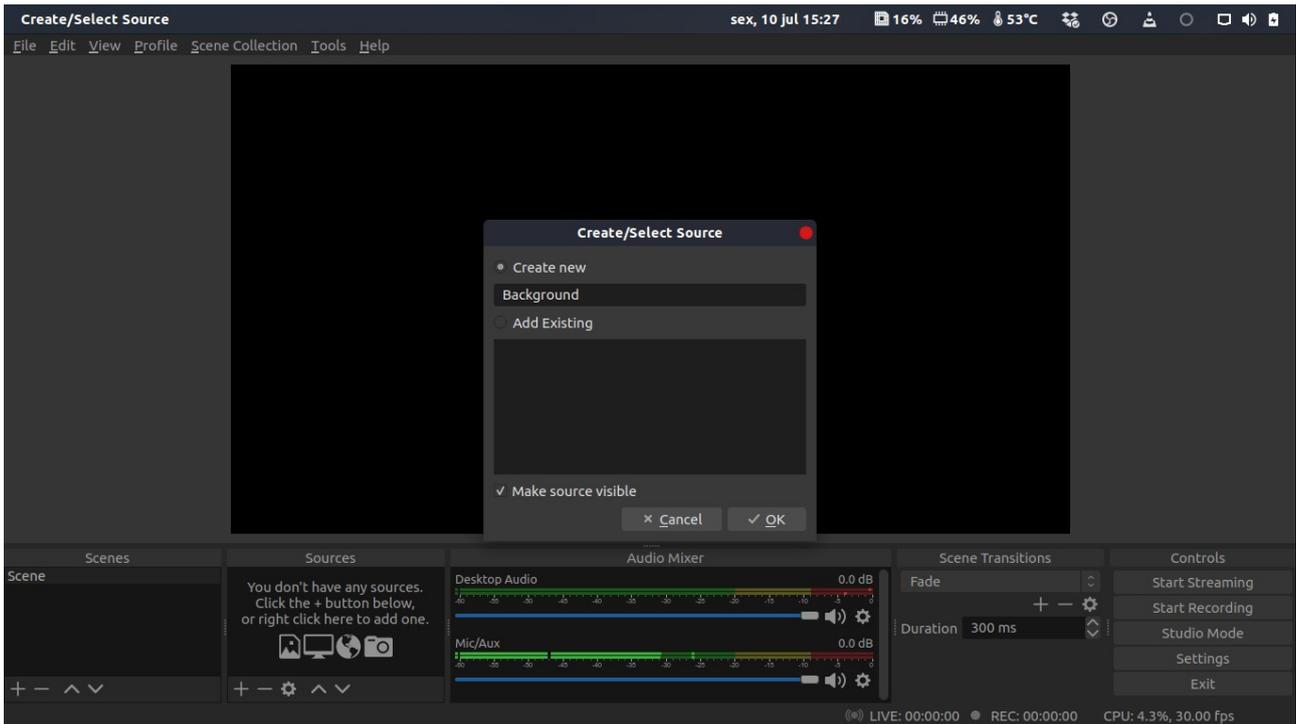
Check if the “*Mic/Aux*” bar is moving while you speak. This indicates that the microphone on your computer is already being recorded. If the bar is constantly reaching the red area, you can lower the volume in the sliding bar located directly below it.

Step 6 - Add Sources

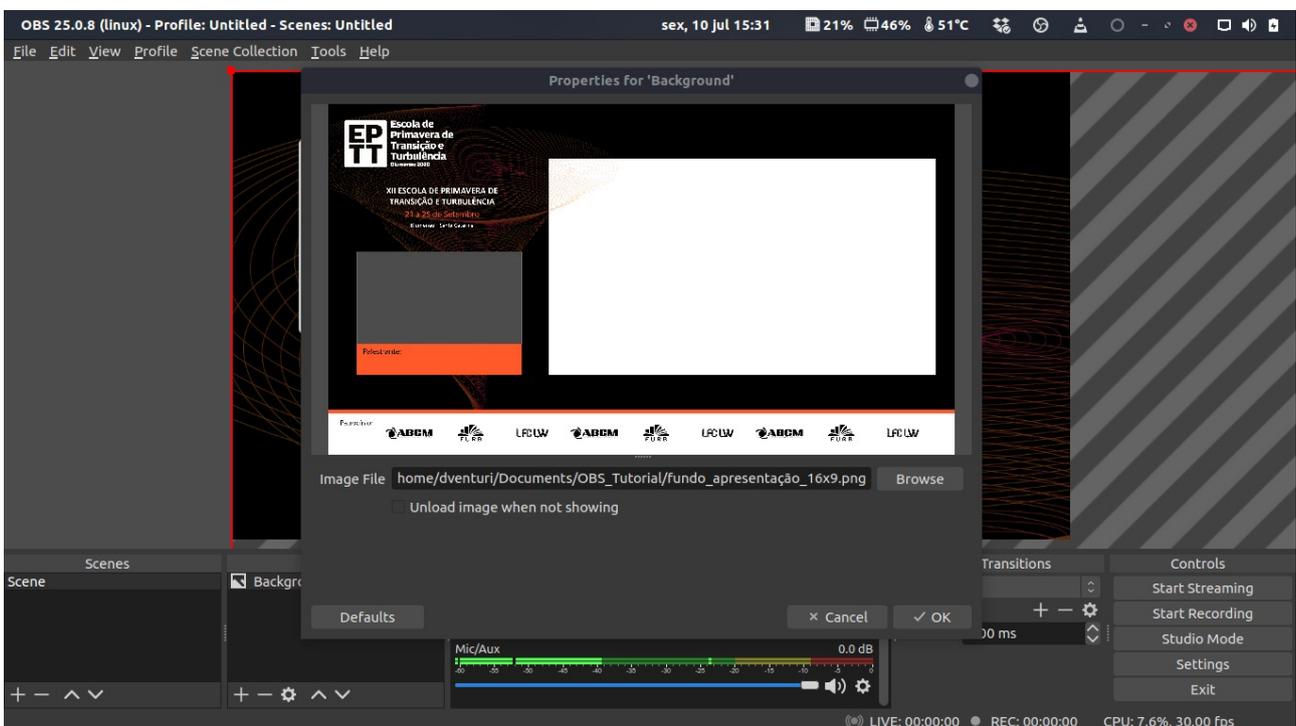
In this step, we will add the sources that will compose the scene to be shown at the screen. Use the “+” sign to add a source, “-” to remove it, and the up and down arrows to change the priority position.



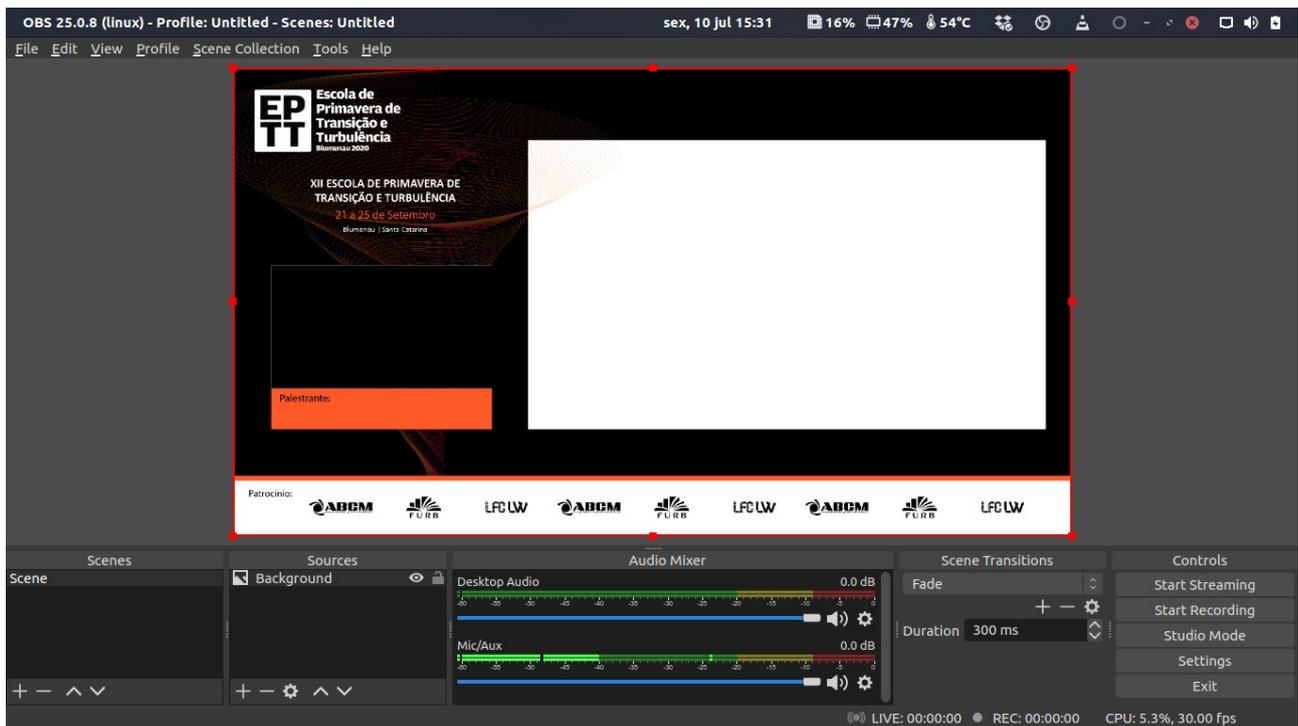
a) Background image: Add (“+”): Image



You can change the name of this source to a better name, such as “Background”. Click “OK”.

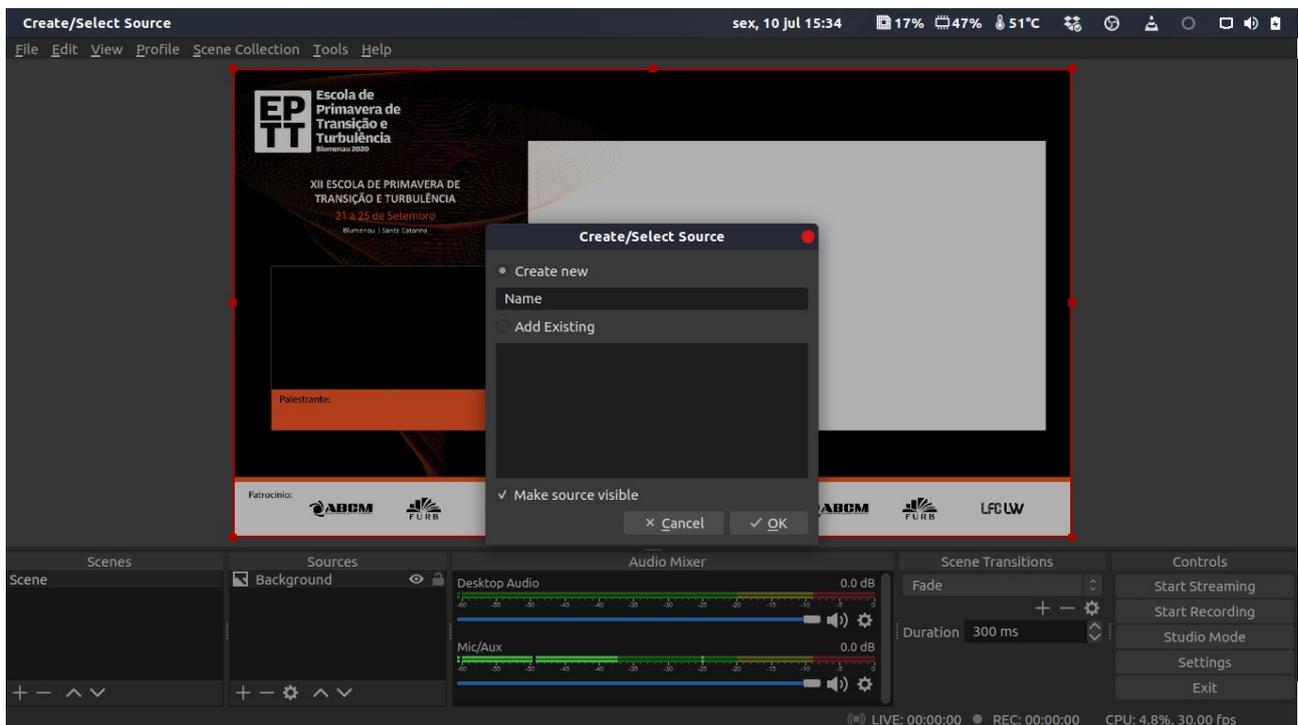


Browse for the background image provided by the “EPTT 2020” staff. Choose between the “16x9” or “4x3” according to your presentation format. Click “OK”.

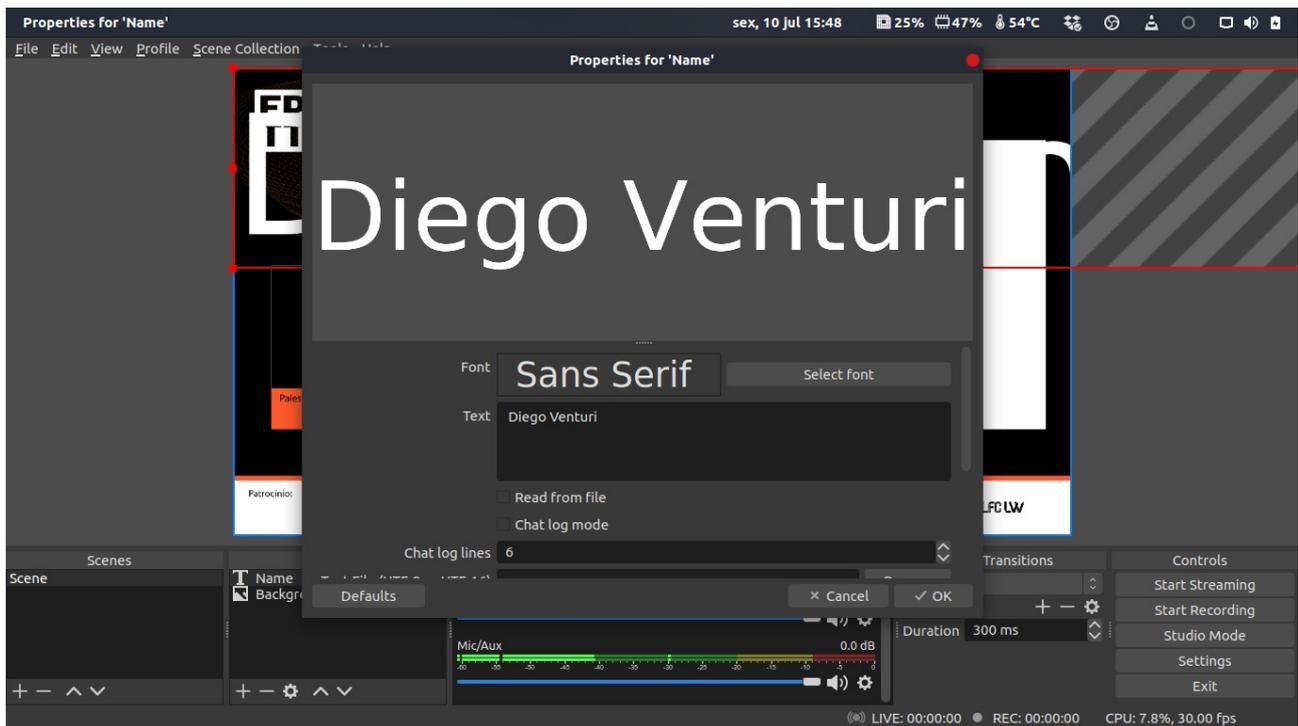


Click on the screen and press “Ctrl+F” to automatically set the image to the window size.

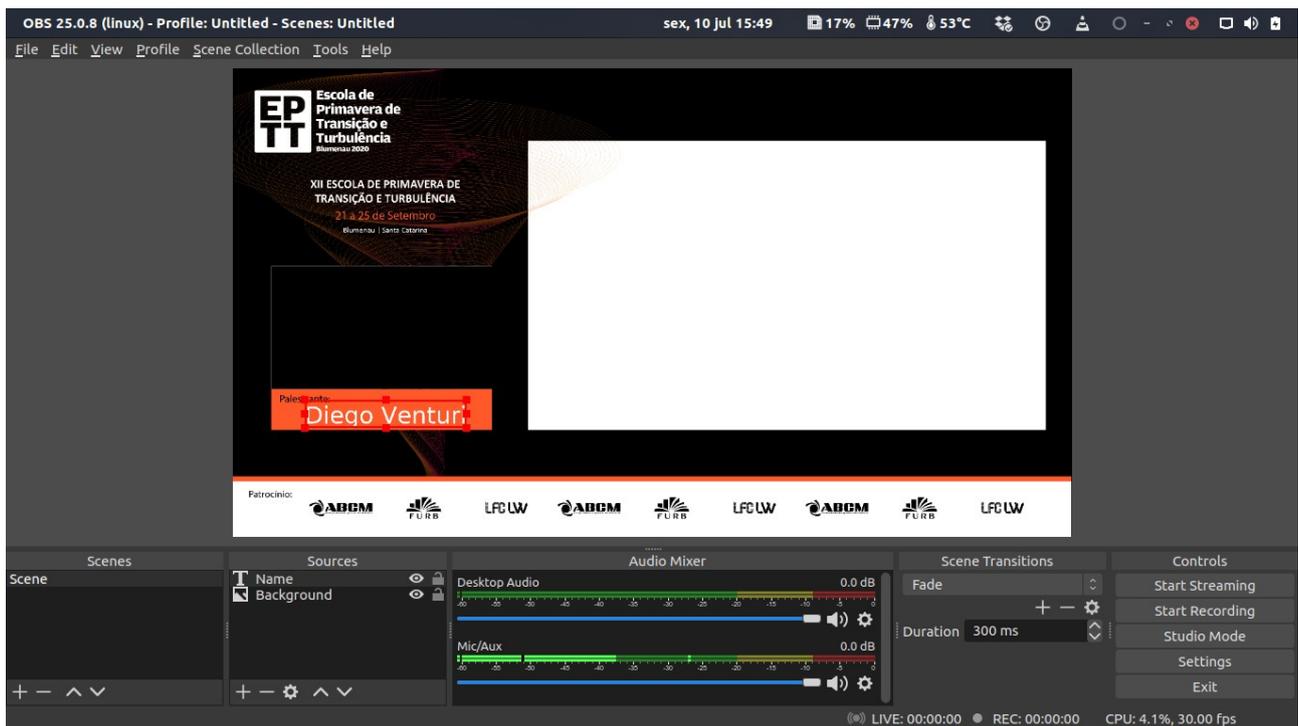
b) Presenter’s name: Add (“+”): Text



You can change the name of this source to a better name, such as “Name”. Click “OK”.

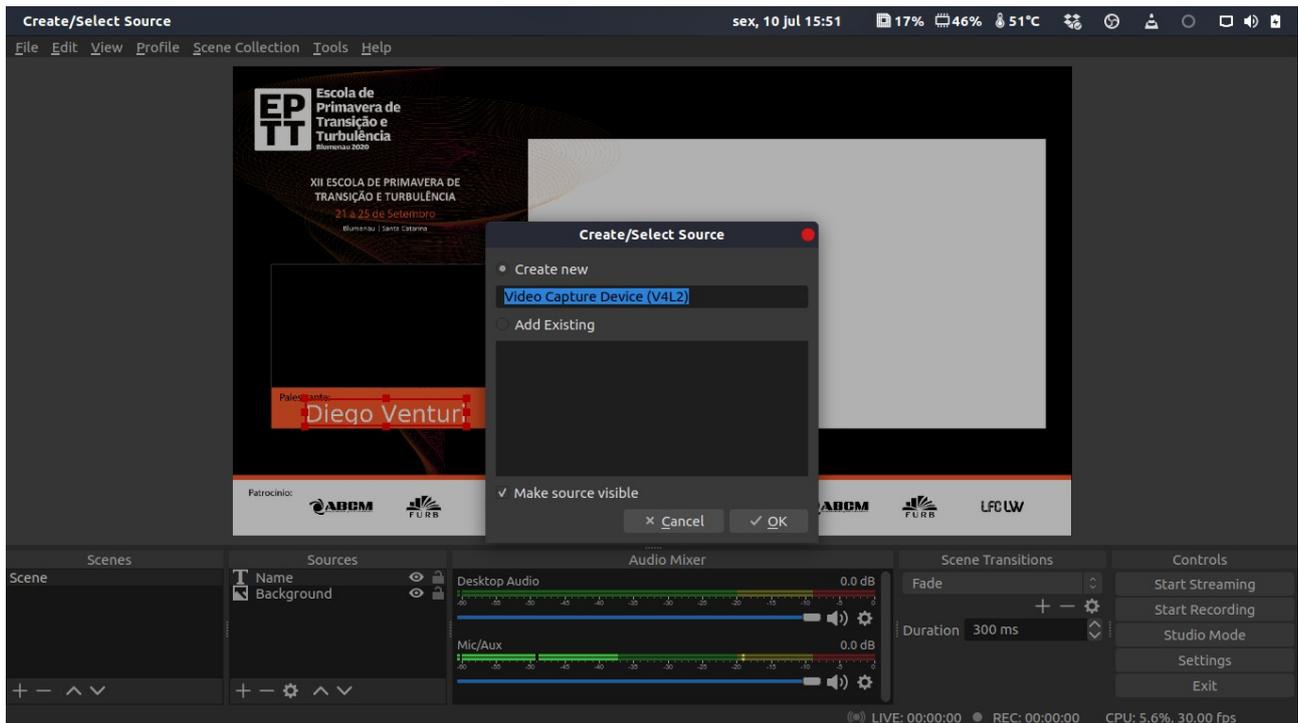


Type in your full name and click “OK”.

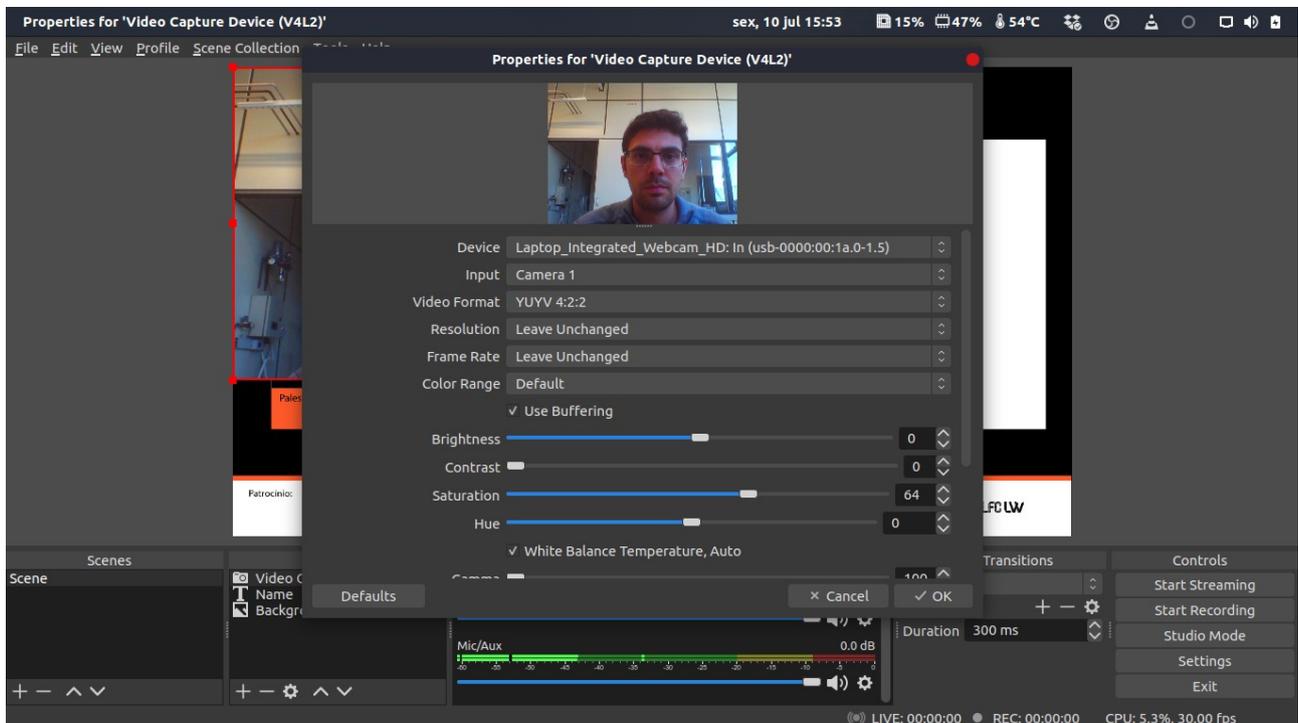


Fit the name box in the area as shown.

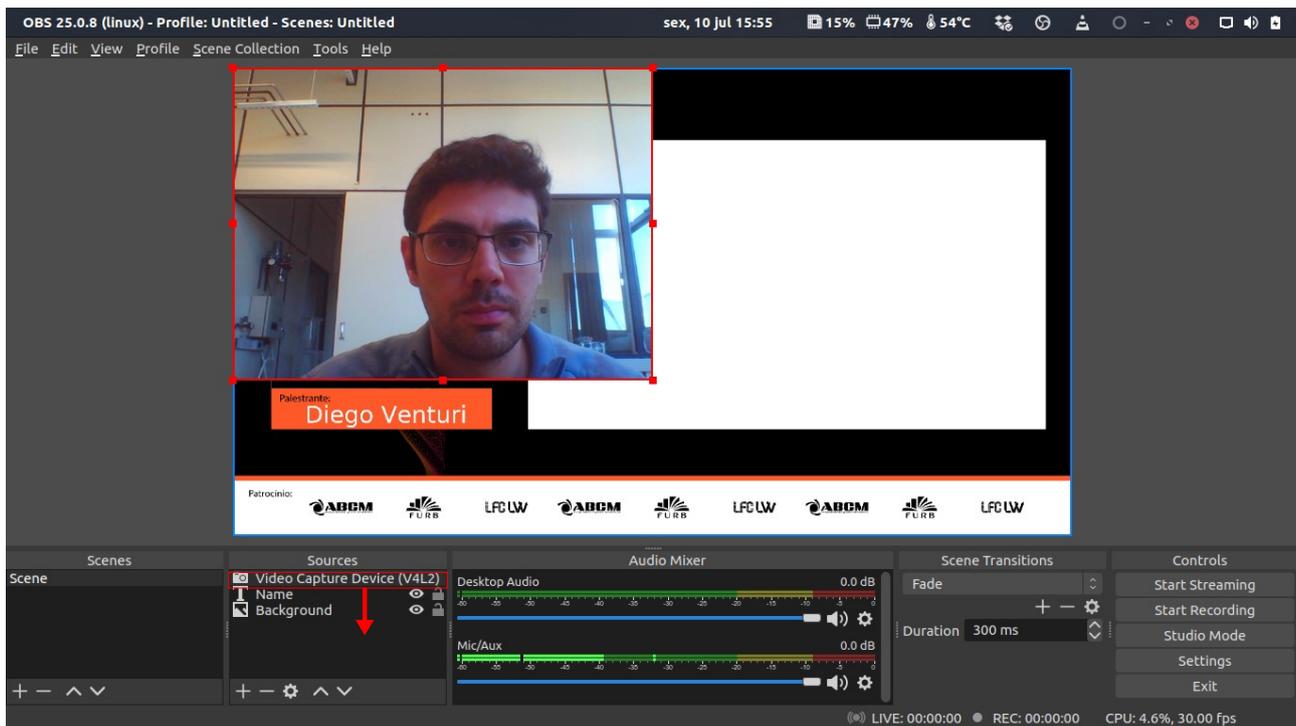
c) Camera: Add (“+”): Video Capture Device



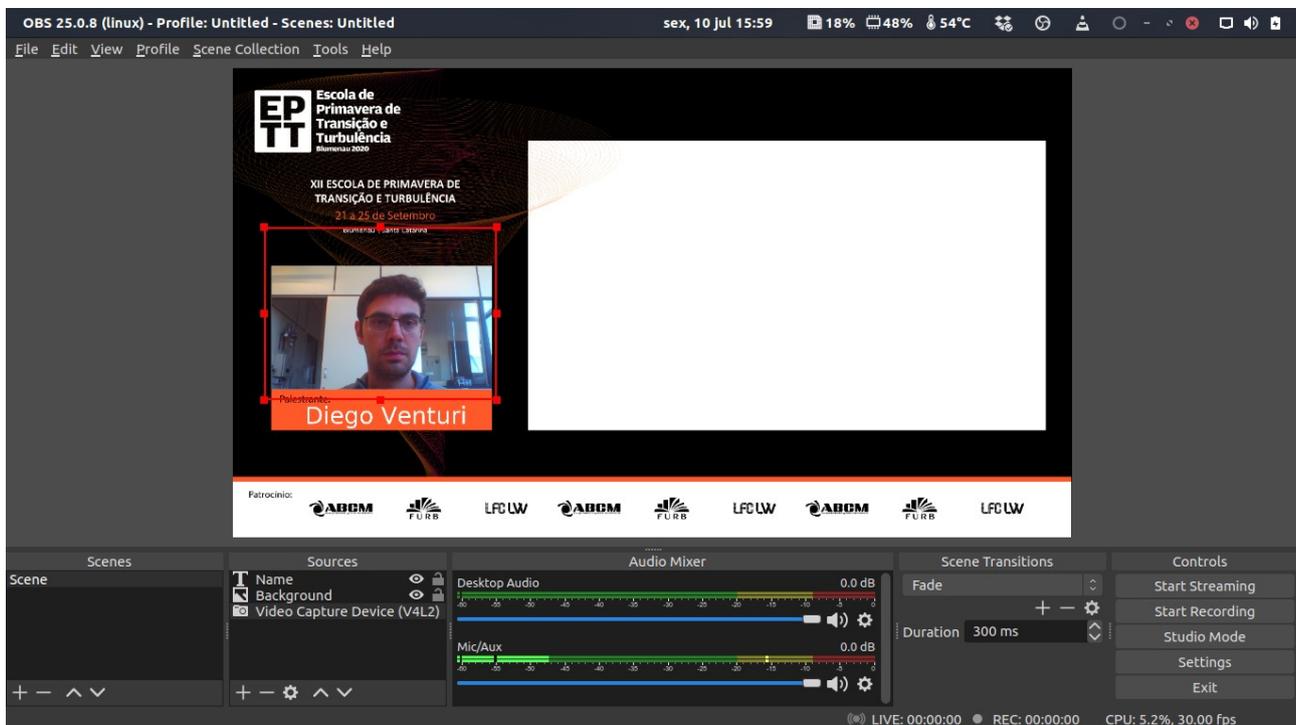
Click “OK”.



Select the proper camera in “Device” if you have more than one. Default configurations are usually enough. You can change it to try to get better colors if needed. Click “OK”.



In the “Sources” box, move the “Video Capture Device” to a position below the background image. Since the background image is transparent in the webcam designated area, it will be easier to fit your cam in the space.

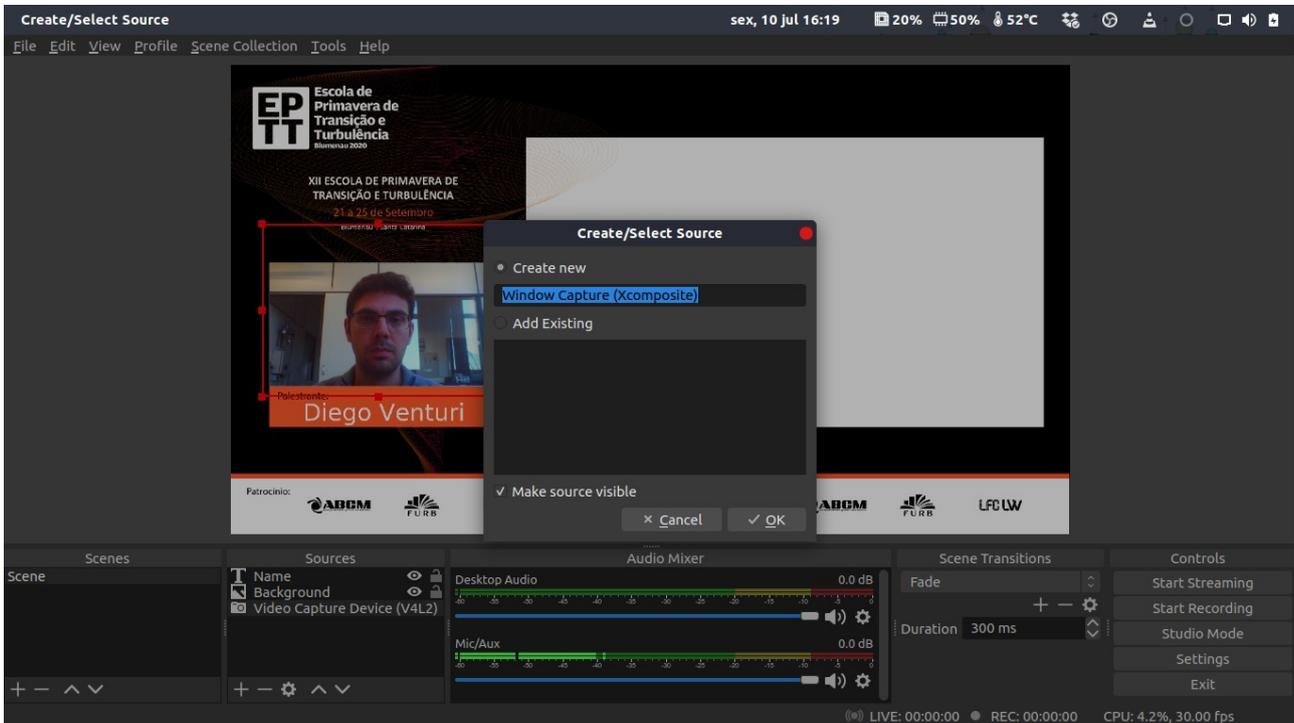


Resize the camera box and fit into the designated area.

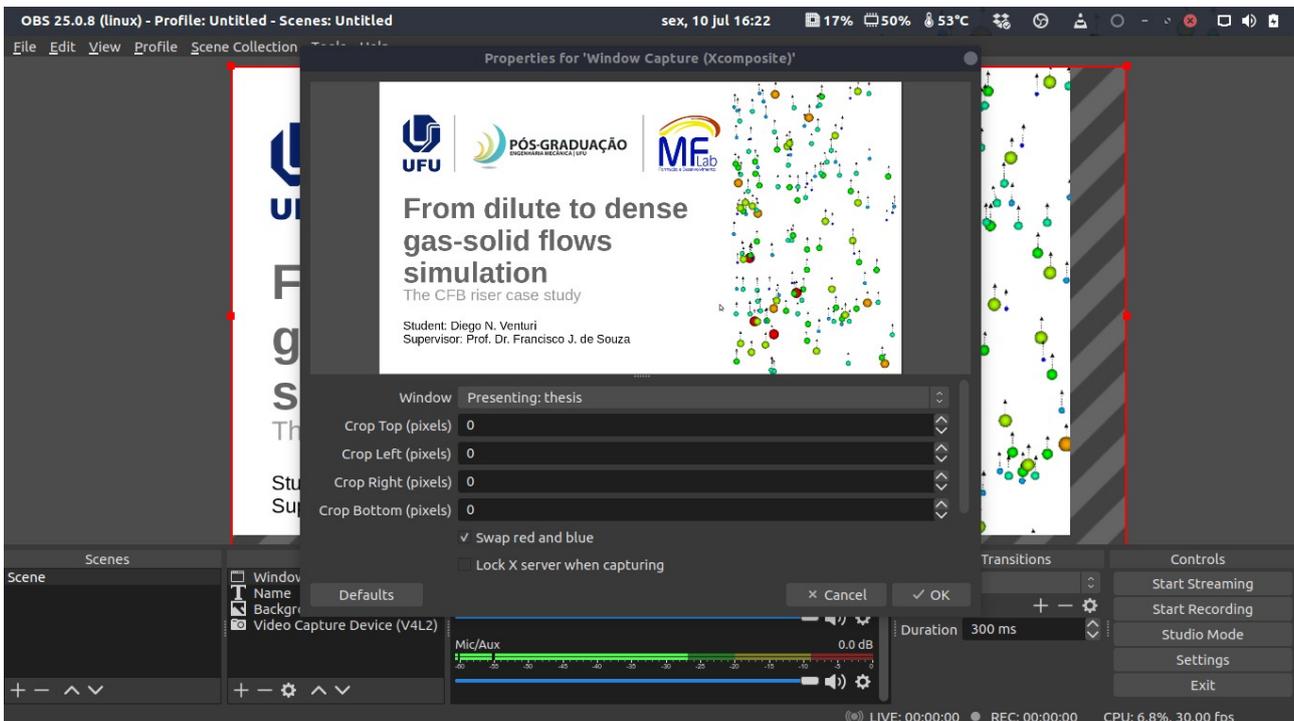
d) Presentation:

Firstly, open your presentation in your preferred software, such as Power-Point, LibreOffice Impress, PDF viewers, In-Browser presenters (such as Prezi), etc. Now, put it into presentation mode (fullscreen). Finally, Alt+Tab back to OBS Studio while keeping the presentation mode open.

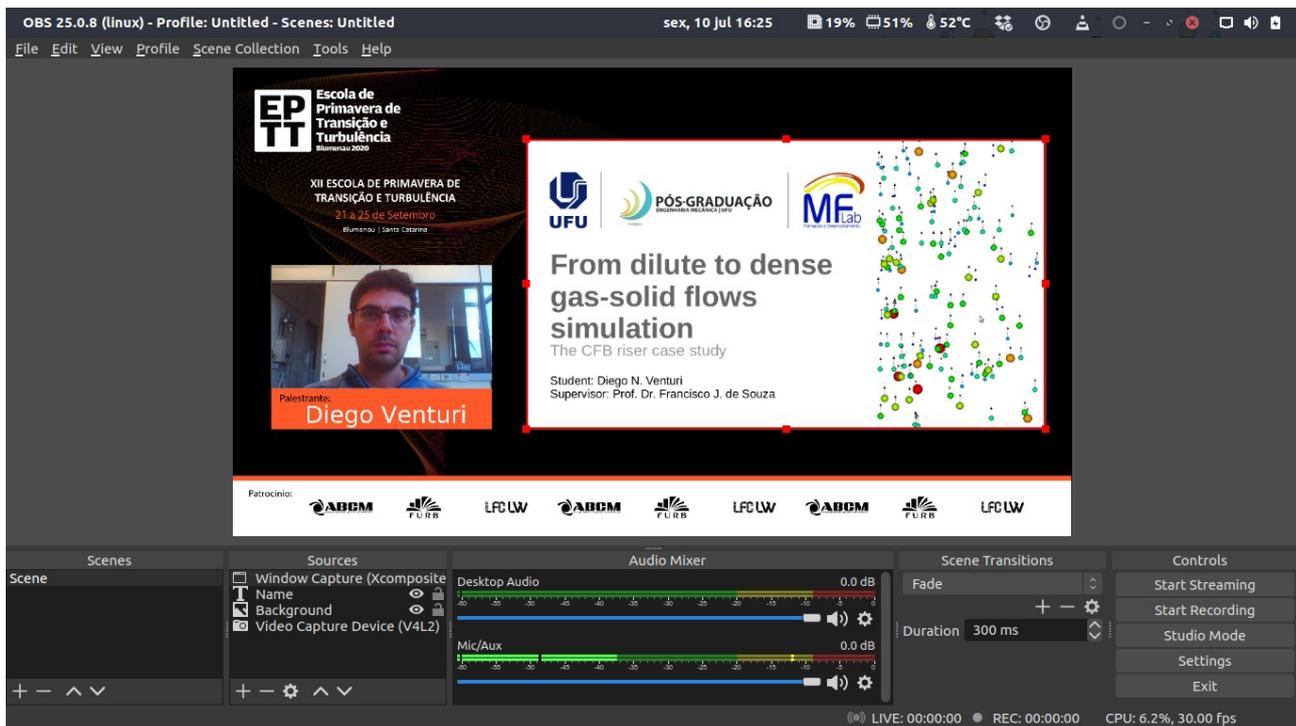
Add the presentation into OBS Studio: Add (+) -> Window Capture



Click “OK”.



Under “Window”, select the item that will show your presentation in fullscreen. Sometimes it is necessary to check the “Swap red and blue” box to correct the colors. Click “OK”.



Resize the presentation window to fit into the designated area.

Step 7 – Start Recording!

Your OBS Studio is ready for recording. Just press the “Start Recording” button in the lower right corner, “Alt+Tab” into your fullscreen presentation, and go on!

At the end of your presentation, “Alt+Tab” back into OBS Studio and click “Stop Recording” at the same place.

TIP: Do a check run first to see if everything works fine.

We look forward to seeing your presentation at the “EPTT 2020”!