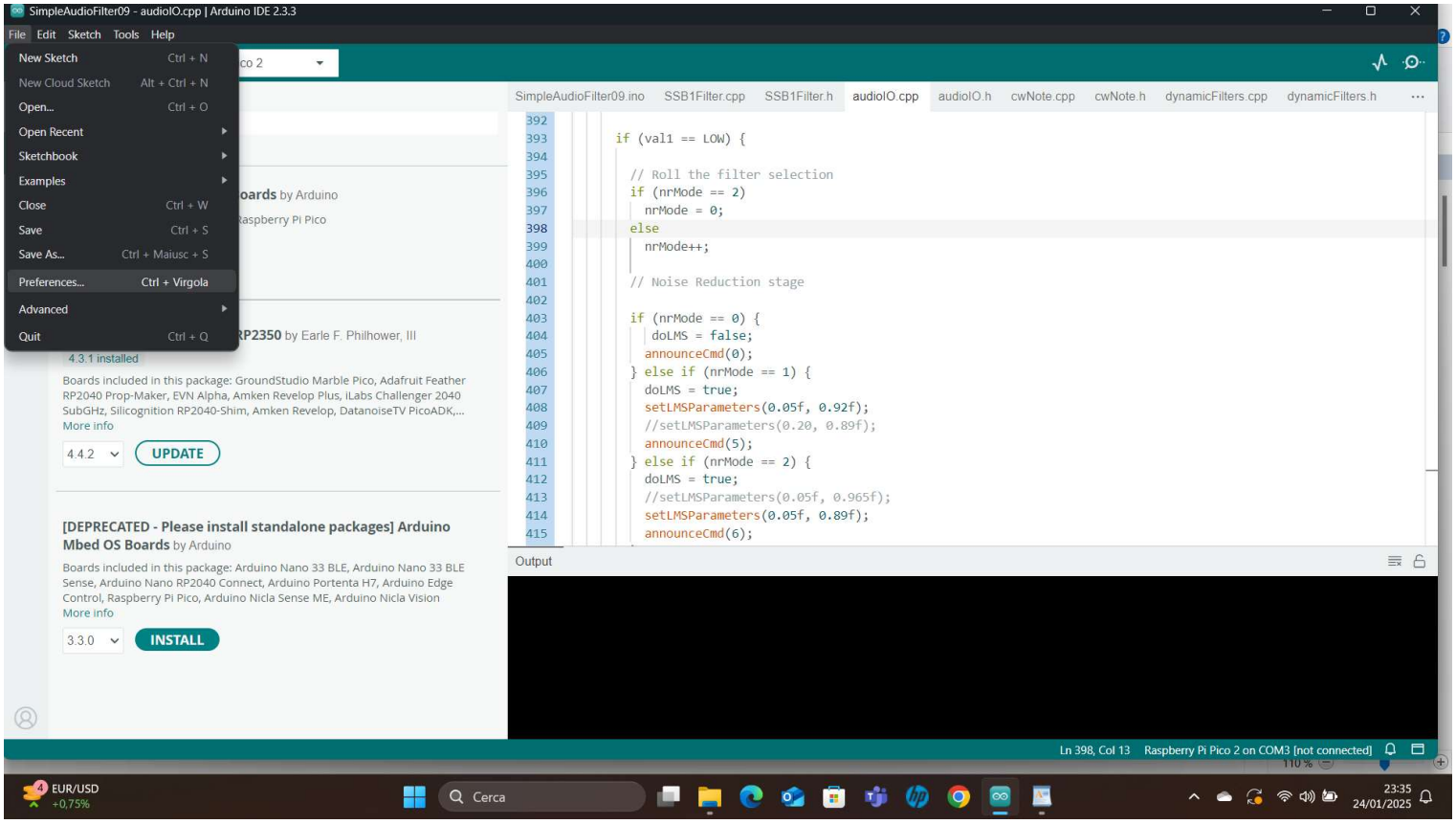
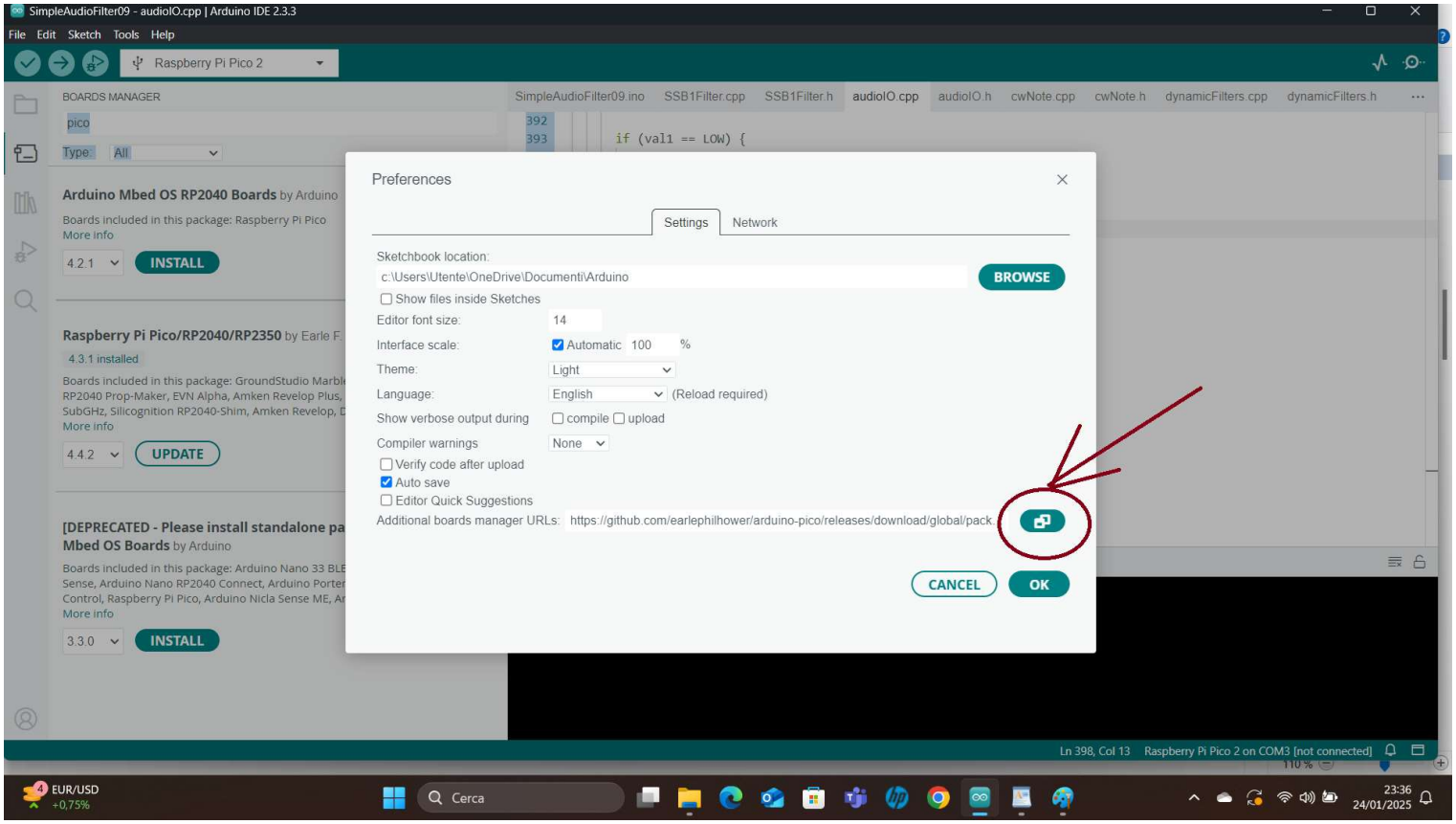
Setup Arduino IDE

Open the preferences...



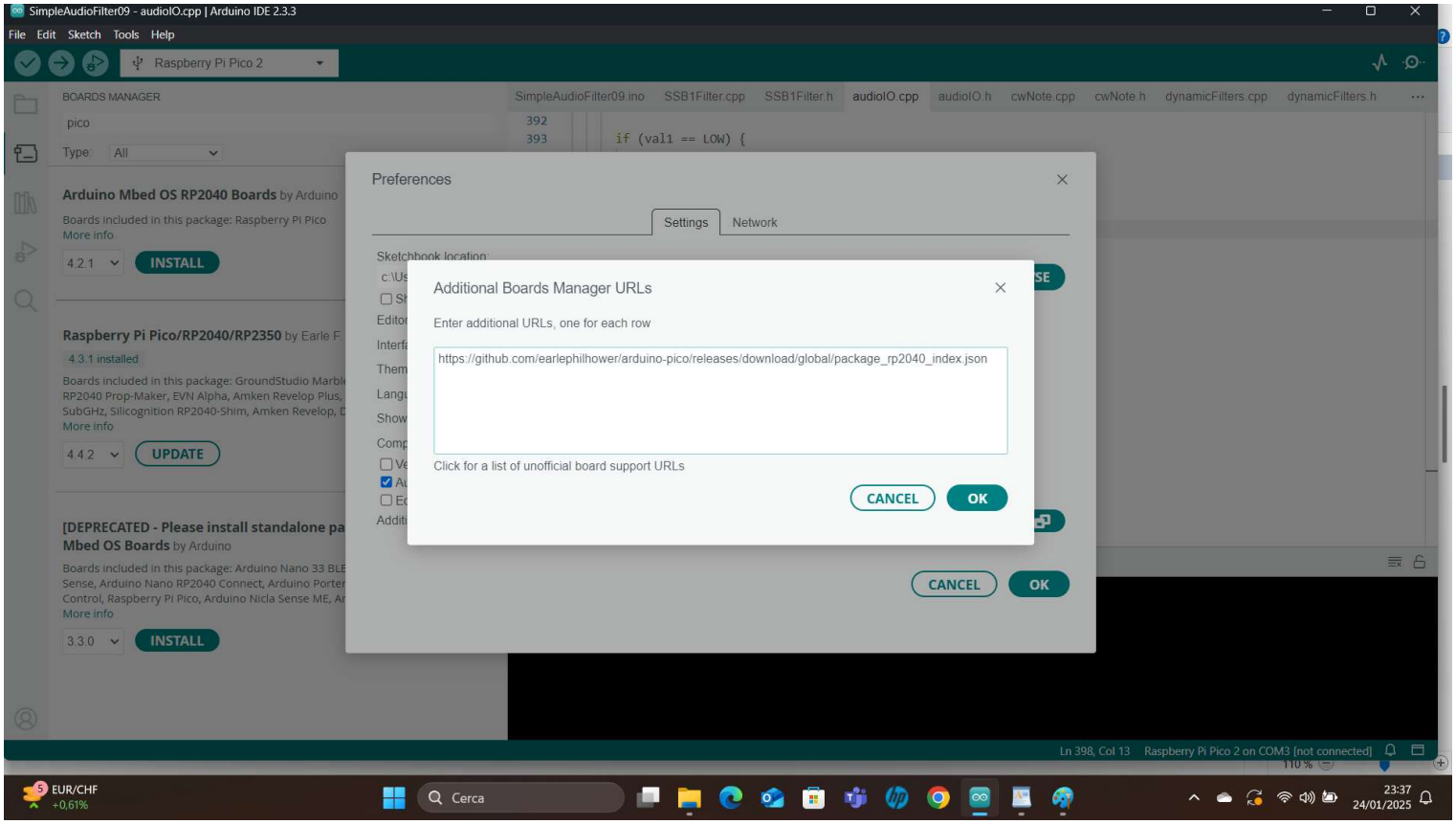
Select "**Settings**"



Open the "**Additional Board Manager** "

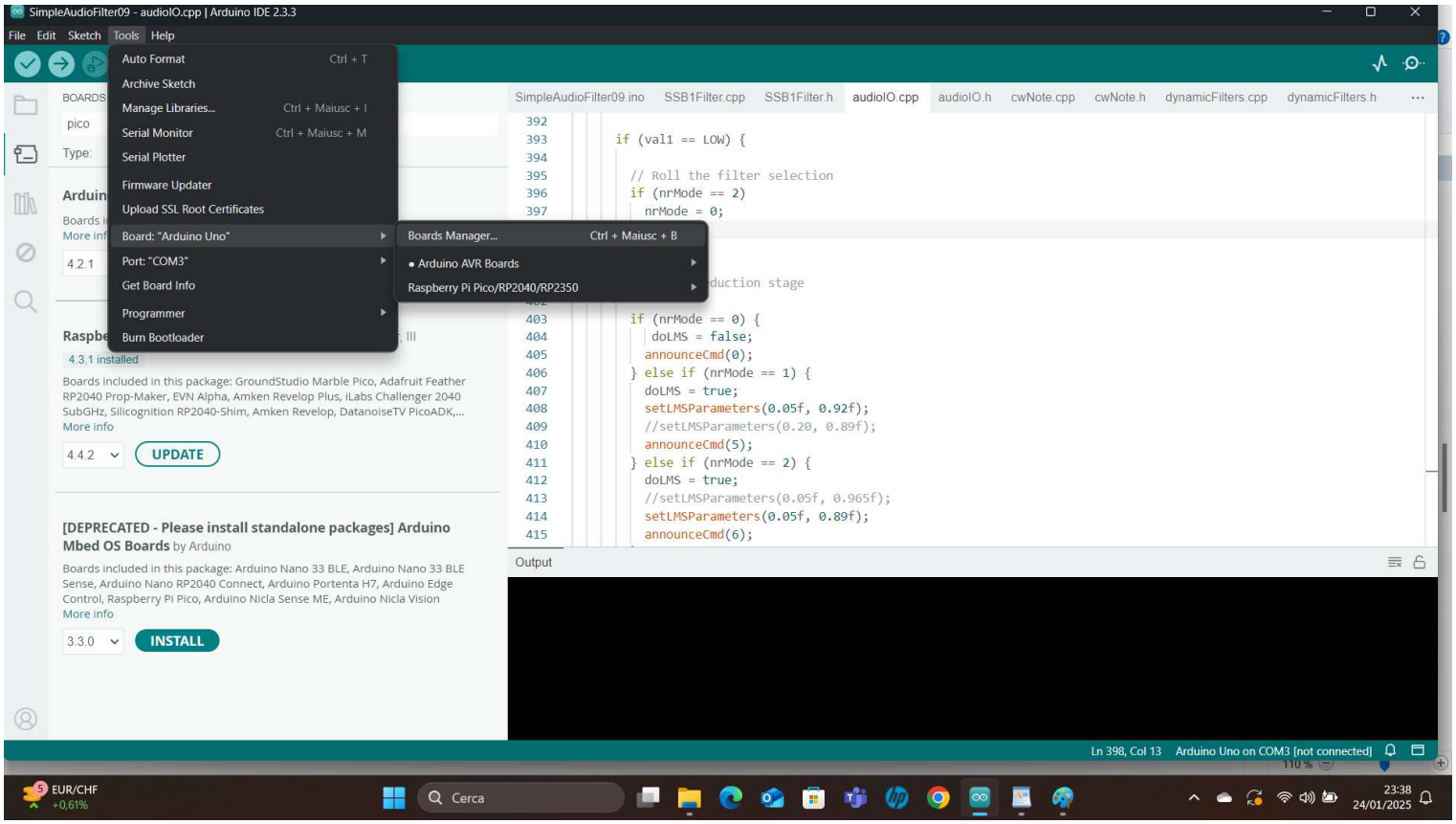
and paste the current url:

https://github.com/earlephilhower/arduino-pico/releases/download/global/package_rp2040_index.json

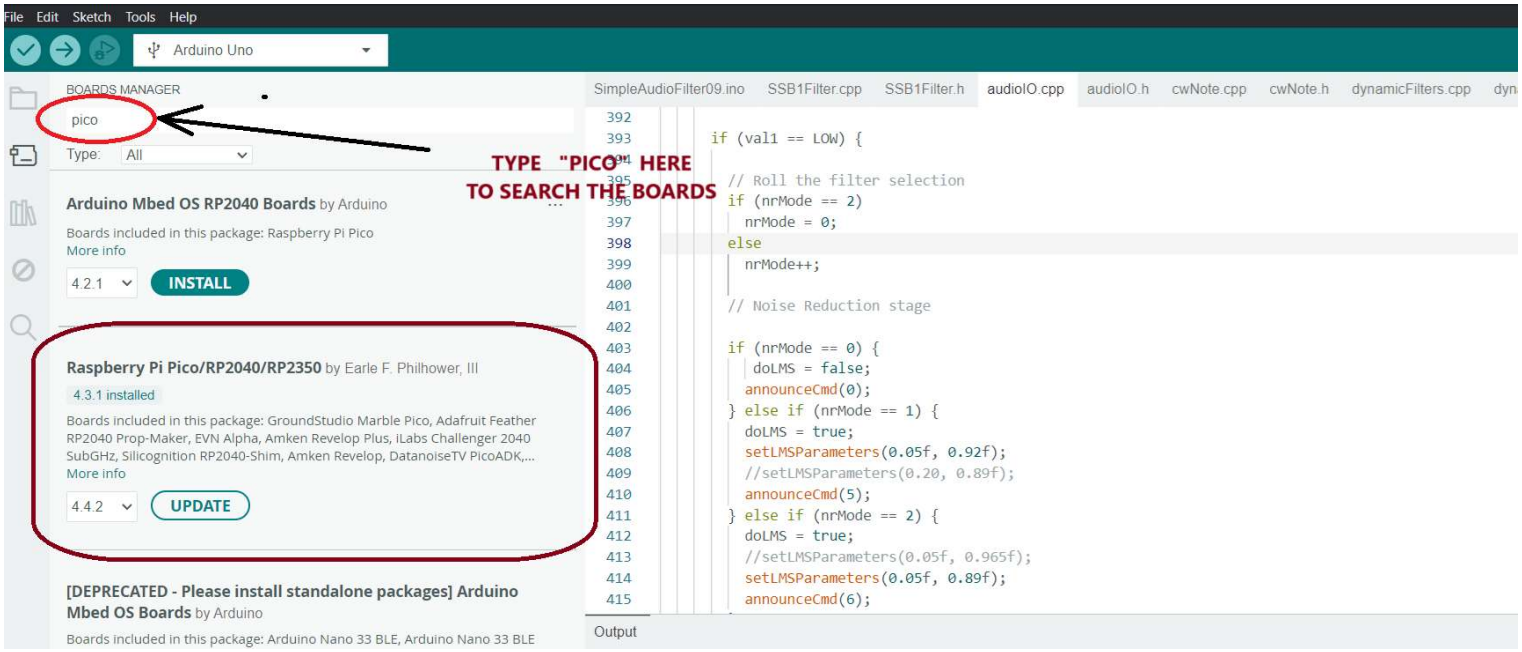


Then ...

open the **Boards Manager**:

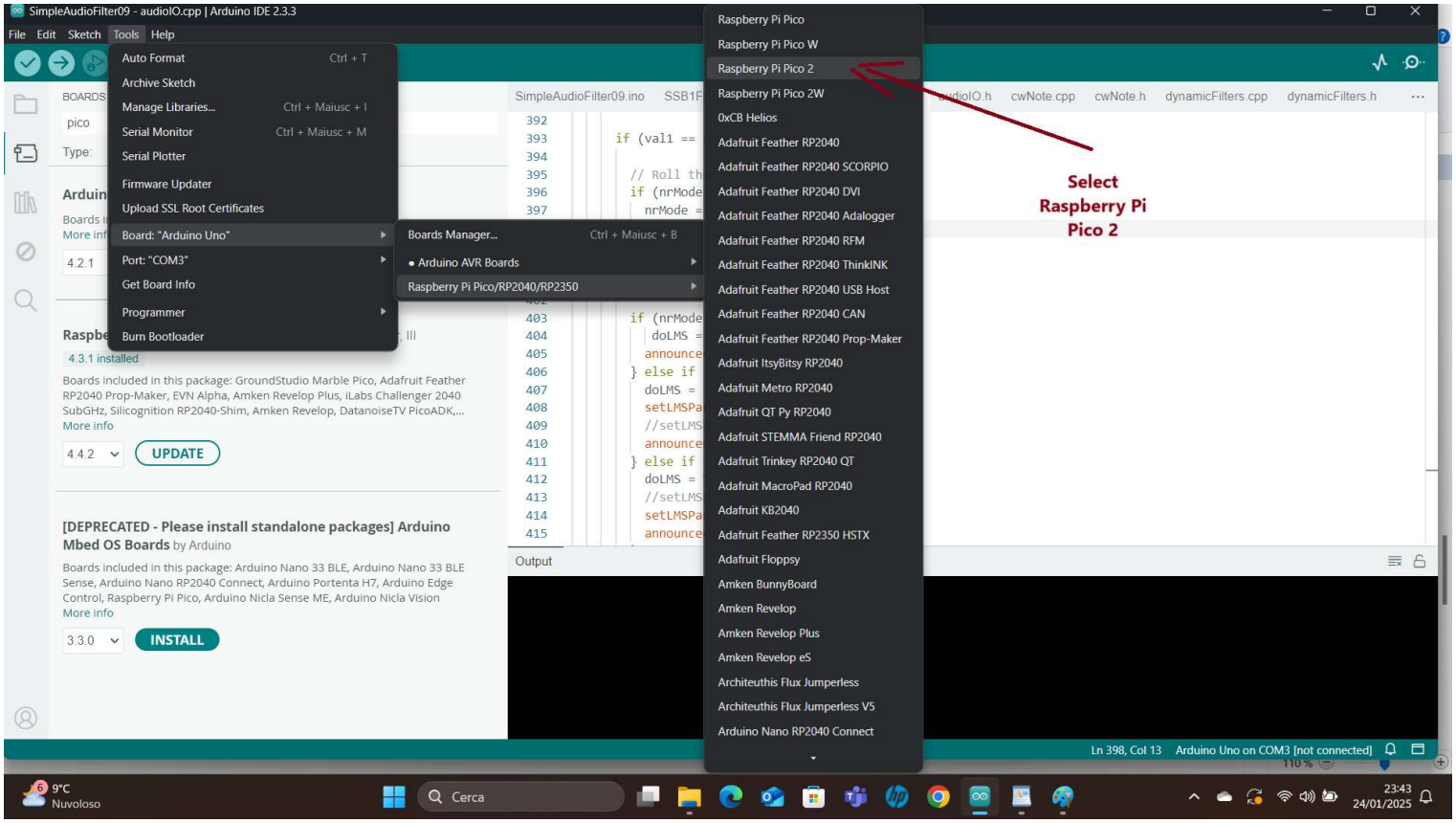


Install the : " **Raspberry Pi Pico/RP2040/RP2350 by Earle F. Philhower, III** "



Select the appropriate board:

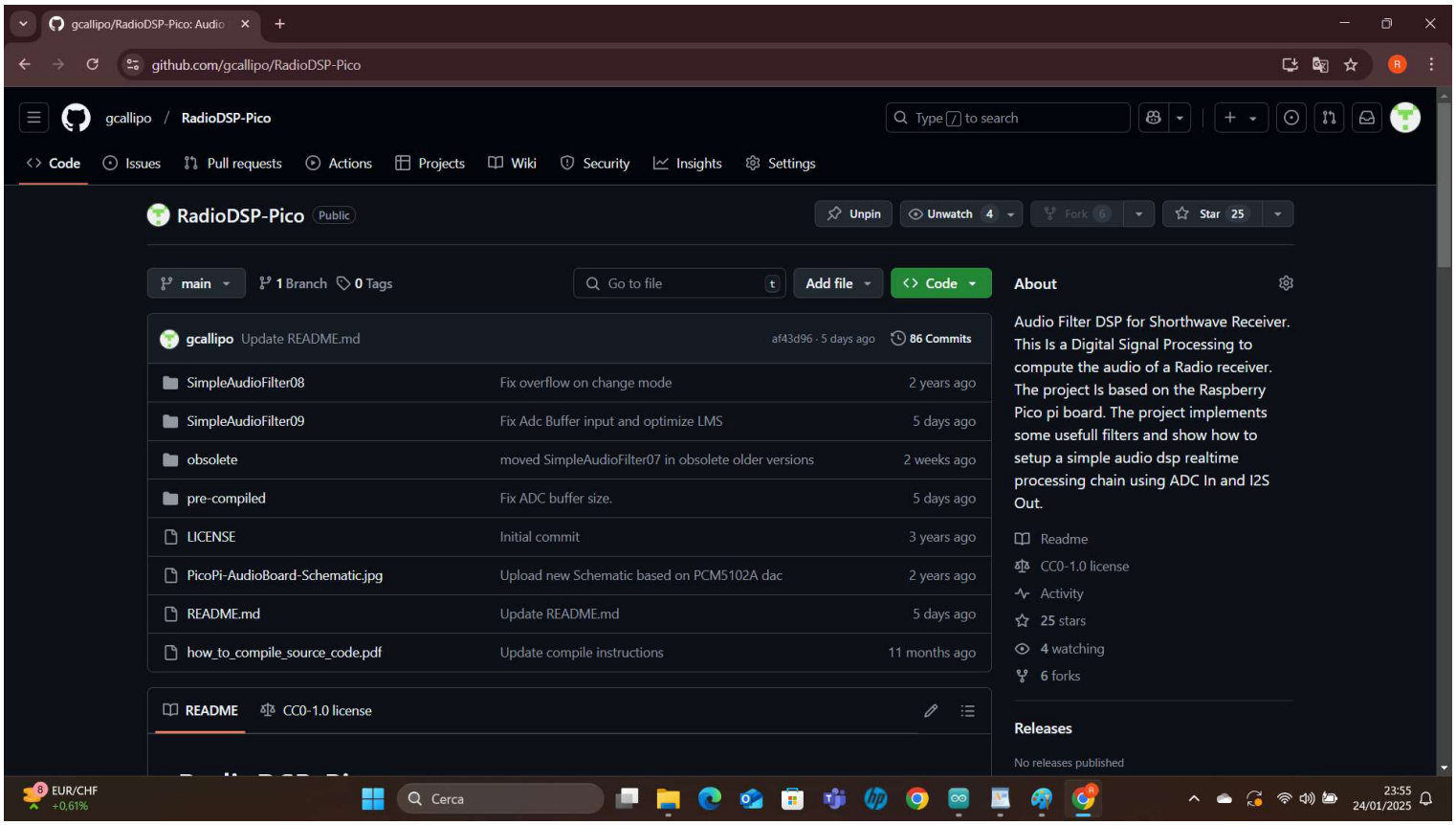
To compile for Raspberry Pico 2 (second version) , select **Raspberry Pi Pico 2**



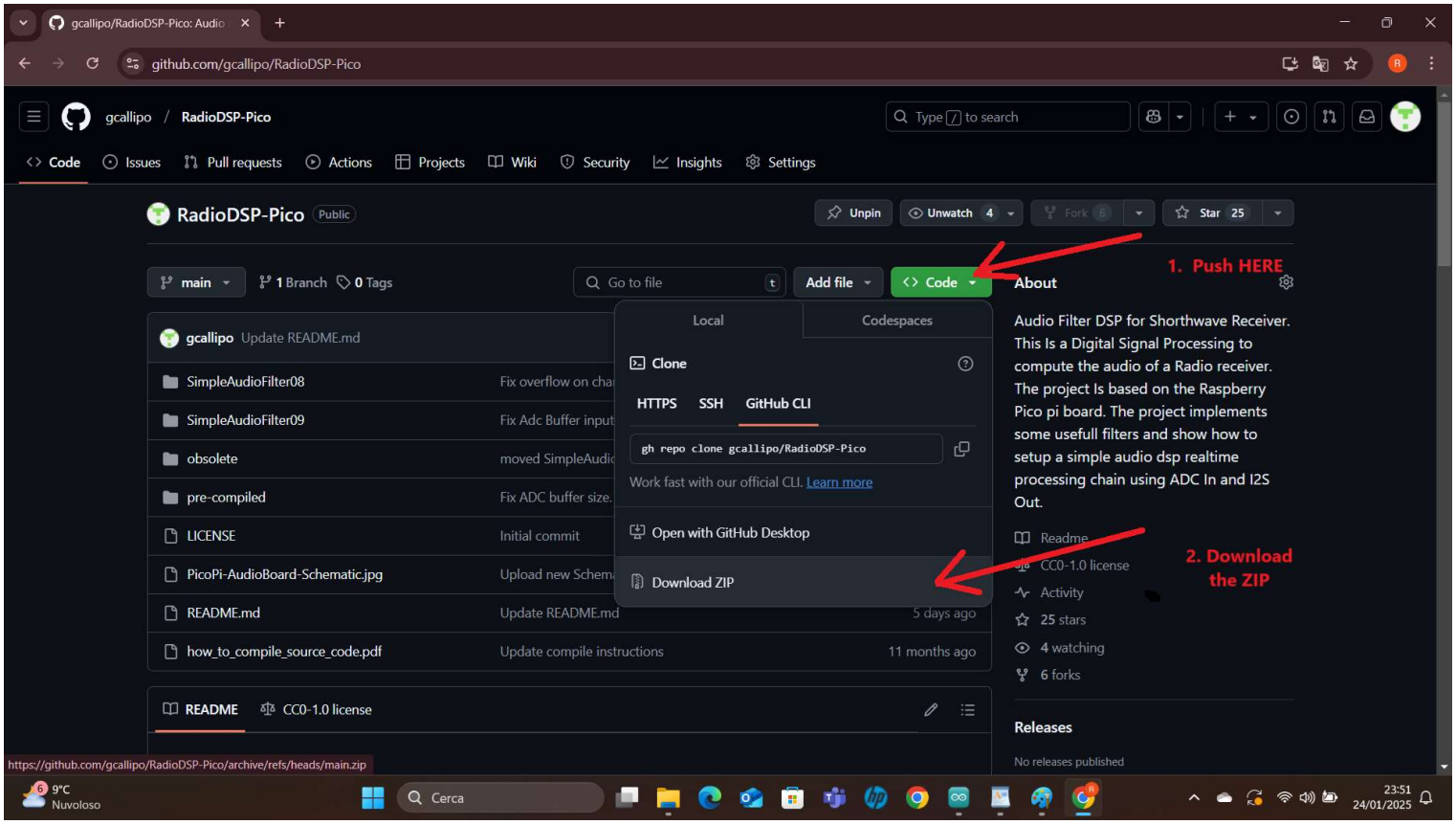
setup completed.

Let's compile the source

Open the link: https://github.com/gcallipo/RadioDSP-Pico

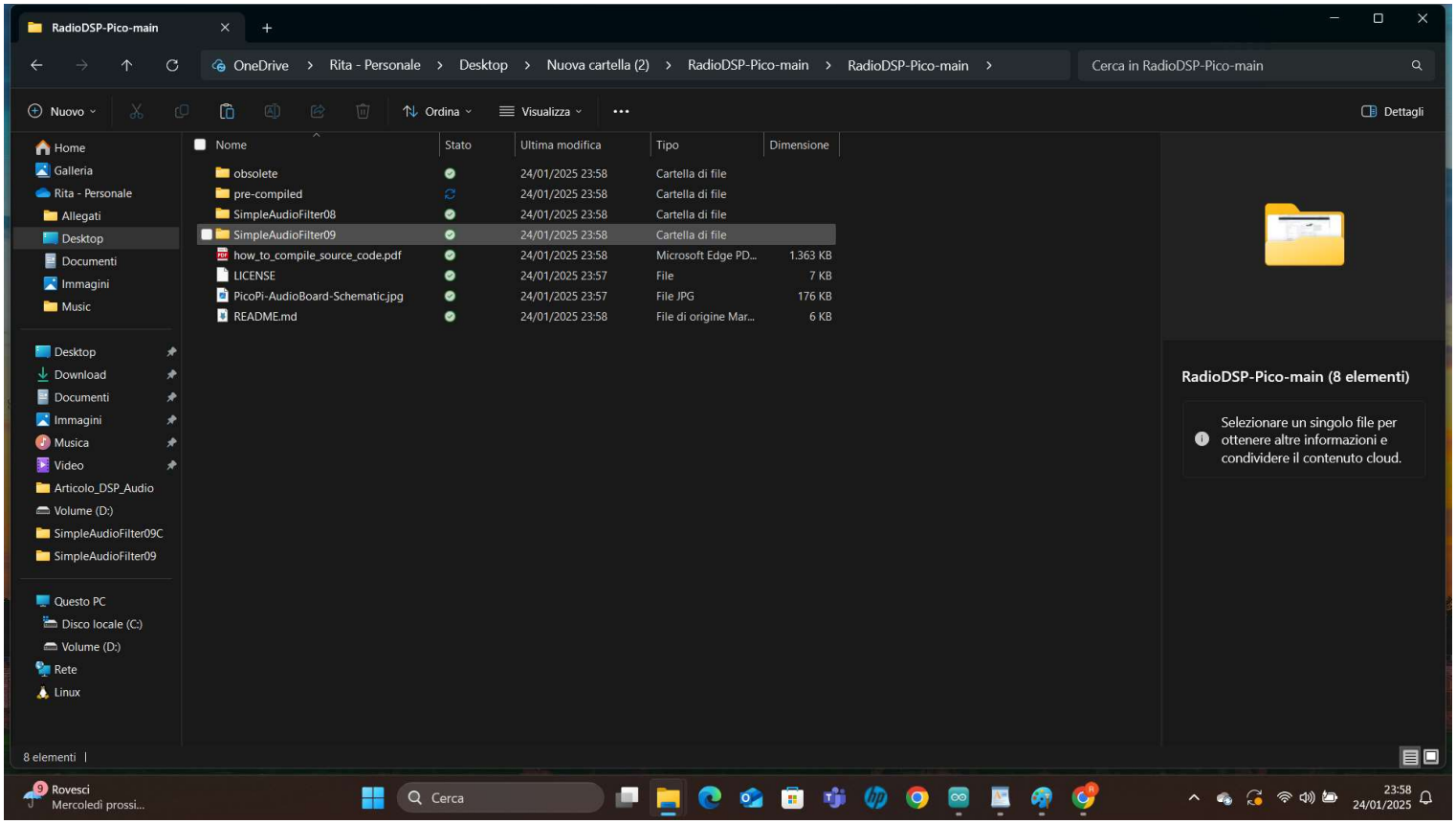


Download the full project as ZIP:

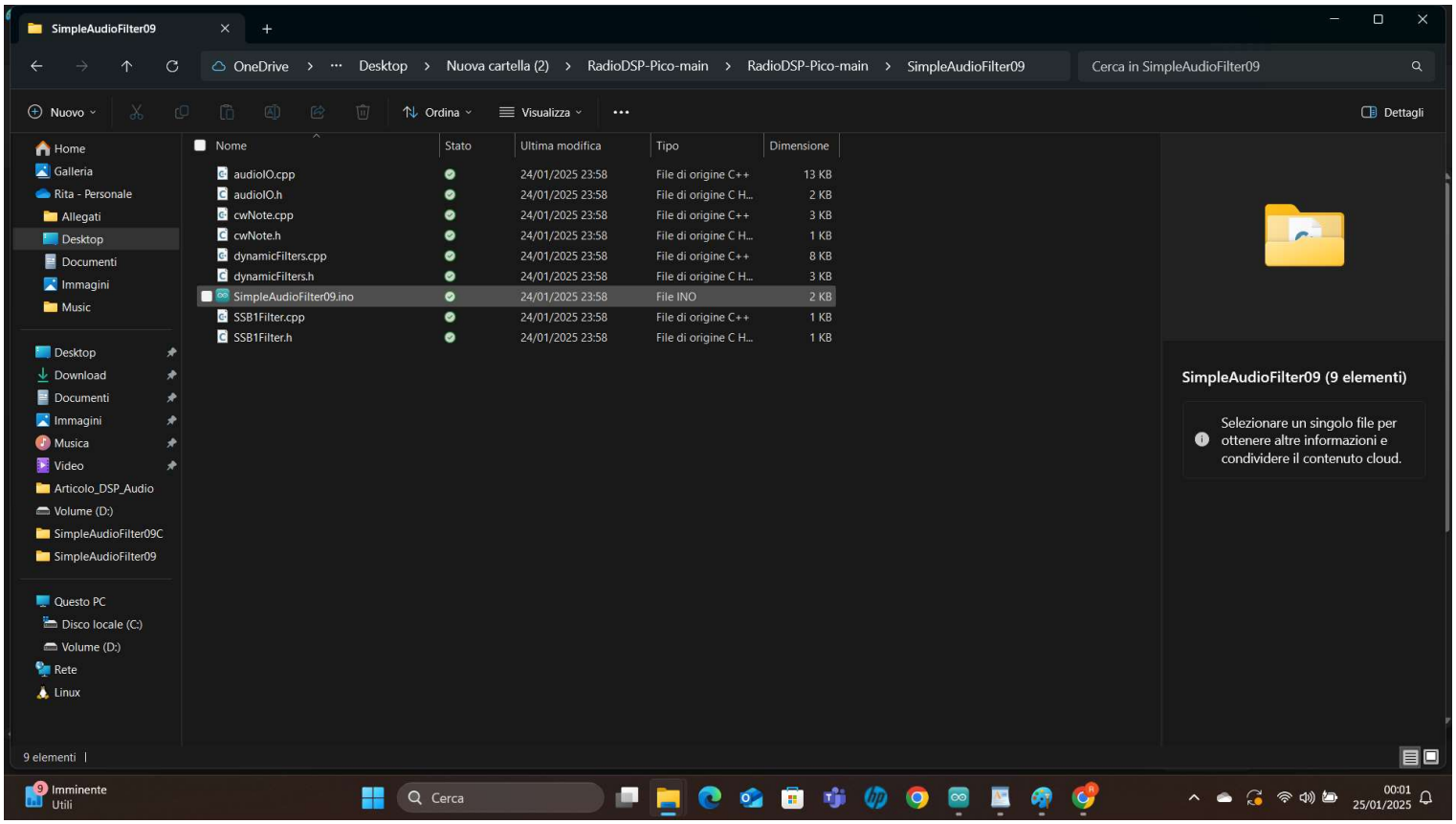


Unzip the download file: **RadioDSP-Pico-main.zip**

Open the Project : **SimpleAudioFiler09**

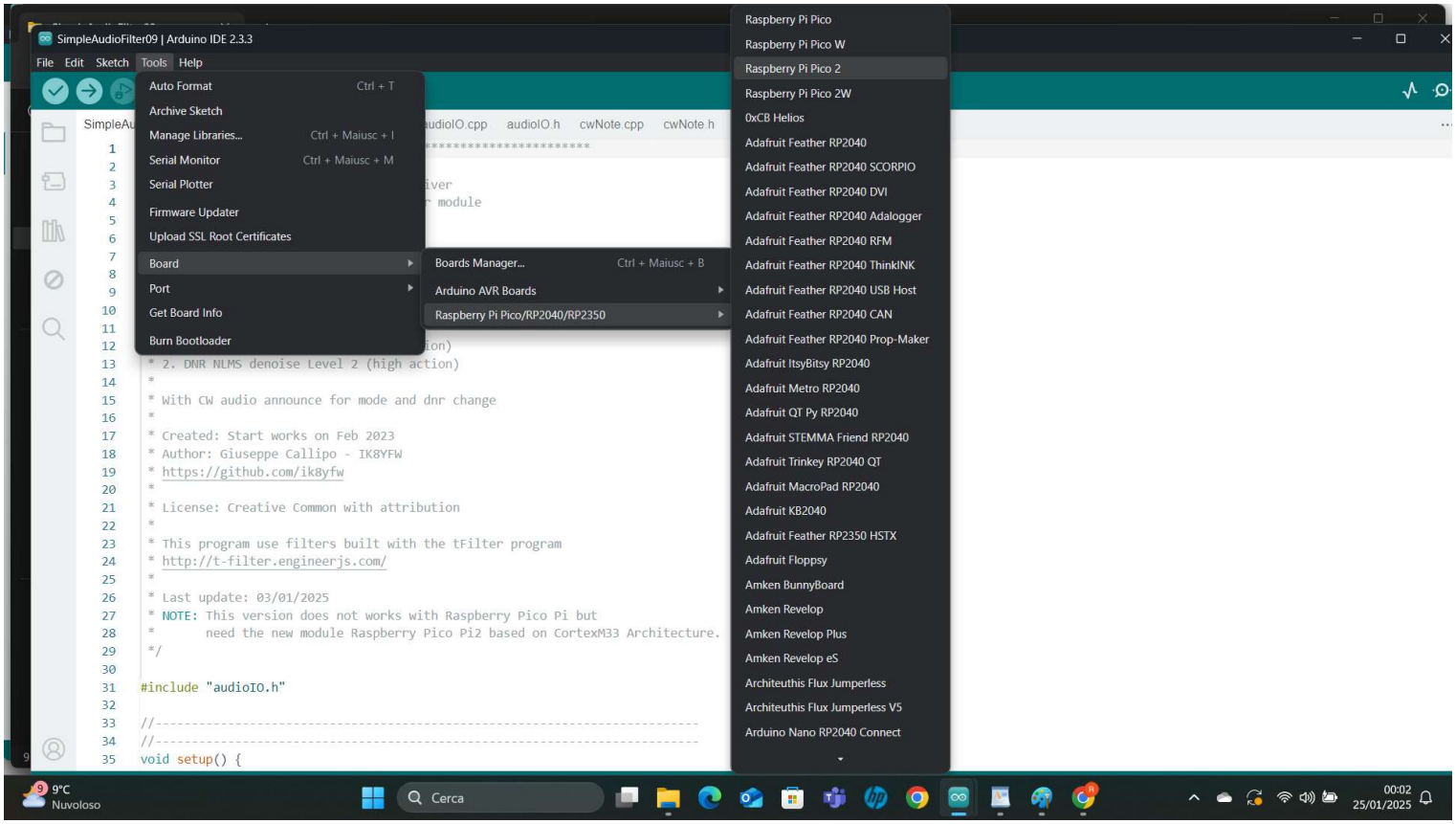


Open the File : SimpleAudioFilter09.ino (with double click)

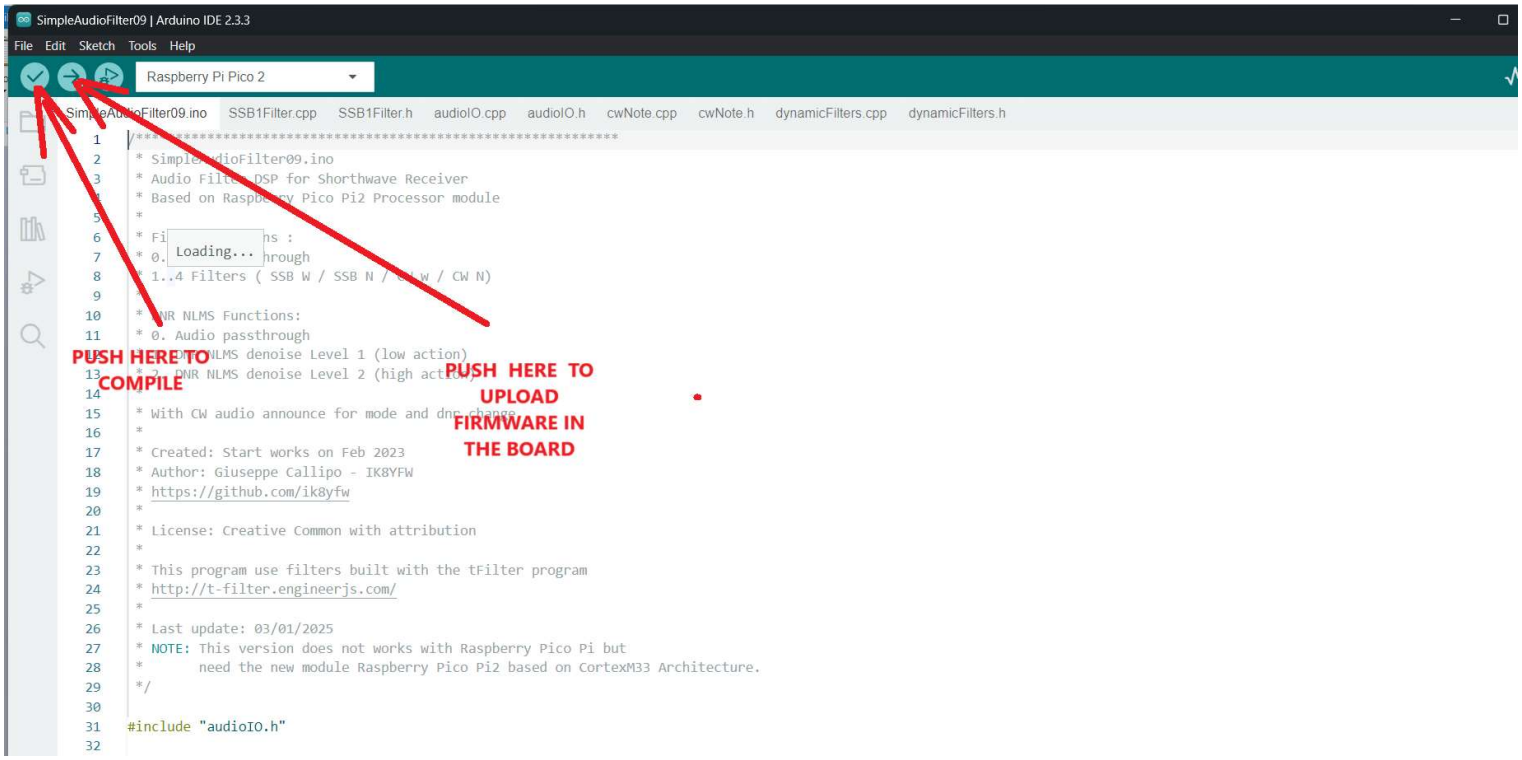


Then ...

Select the Board: Raspberry Pi Pico 2



To compile and upload the firmware ...



Please, push the button on the board "Raspberry Pico 2" before connect it to the USB ... then upload the firmware.

That's all folks.