SILKNOW VIRTUAL LOOM

Graphical Manual for the evaluations

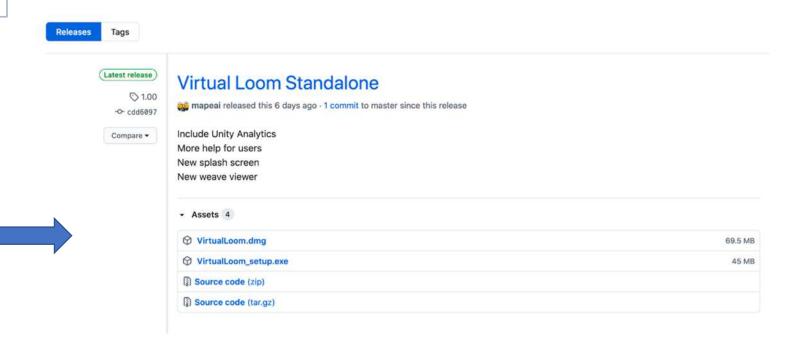
What is Virtual Loom

Developed in the scope of the SILKNOW project, the Virtual Loom is an application that deals with the 3D virtual representation of historical silk fabrics at the yarn level.

Virtual Loom Desktop Version

The desktop versions for Windows and MacOS are available at:

https://github.com/silknow/virtual-loom/releases



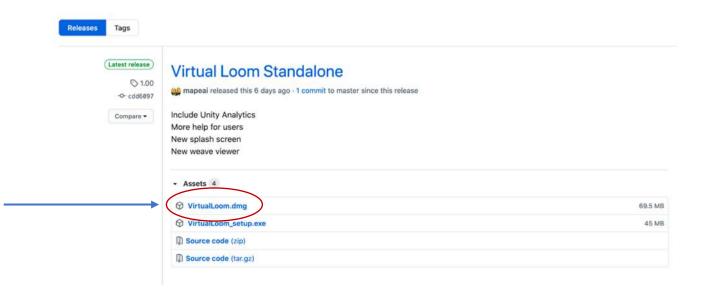
Installing the Mac version

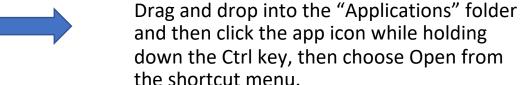
Download the .dmg file

Click on VirtualLoom.dmg in your download folder



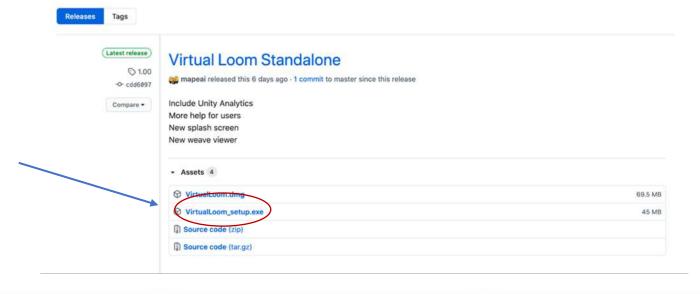


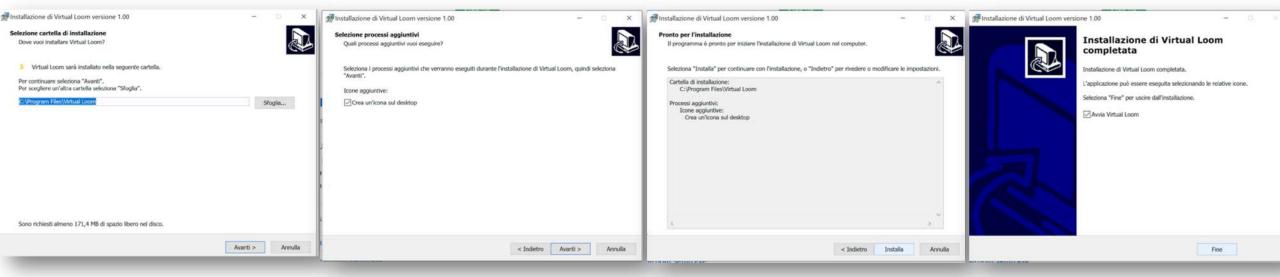




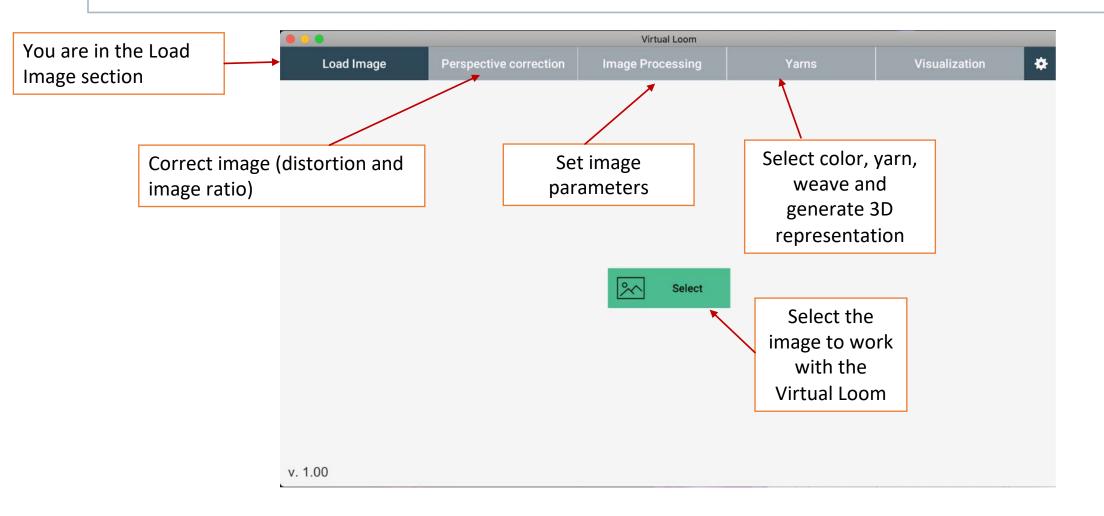
Installing the Windows version:

- 1. Download the VirtualLoom.exe file
- 2. Click on VirtualLoom.exe in the Downloads folder
- 3. Follow the required procedure

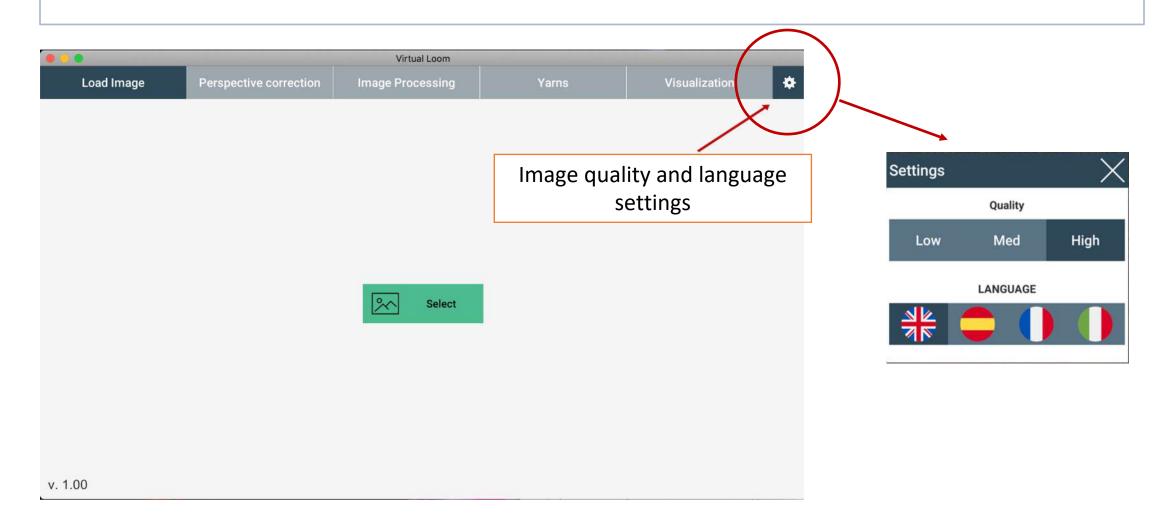




Virtual Loom desktop version main window

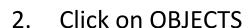


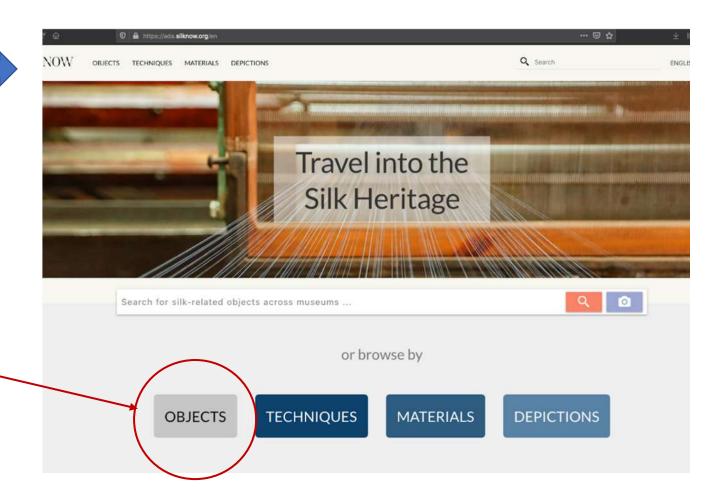
Virtual Loom desktop version main window



Accessing Virtual Loom online

 Click on <u>https://ada.silknow.org/en</u> for accessing ADASilk web application

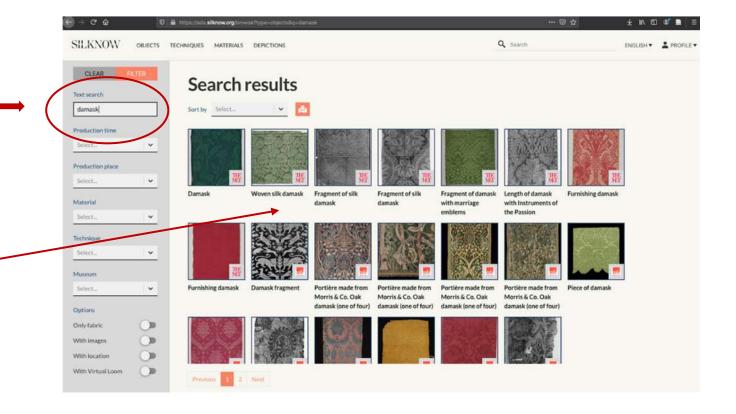




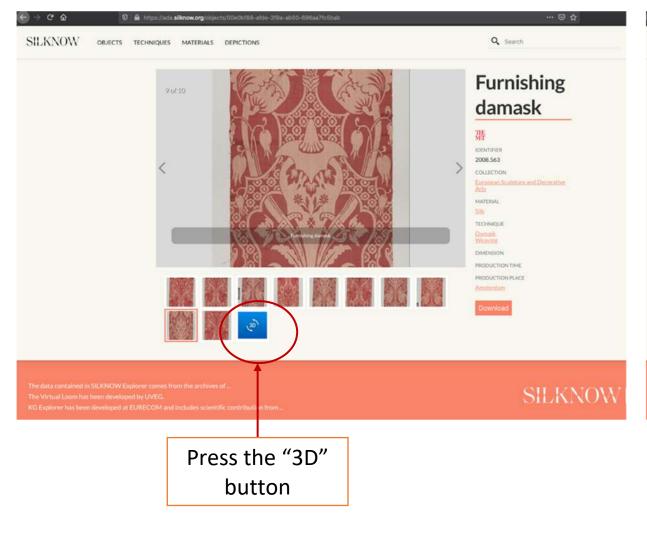
Accessing Virtual Loom online

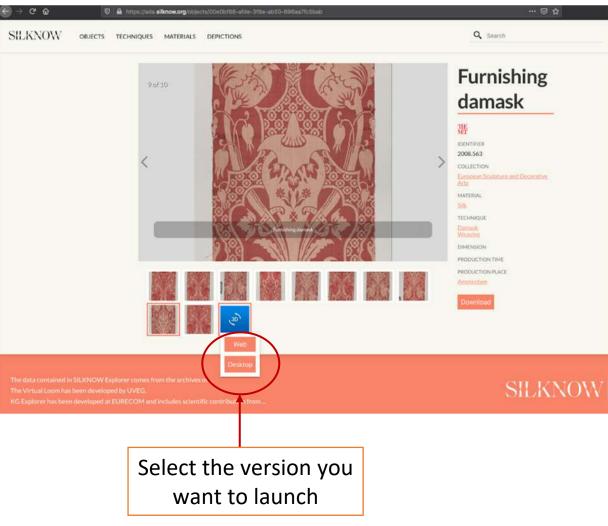
Search the object you are interested in

Select the image for which you want to produce the 3D representation

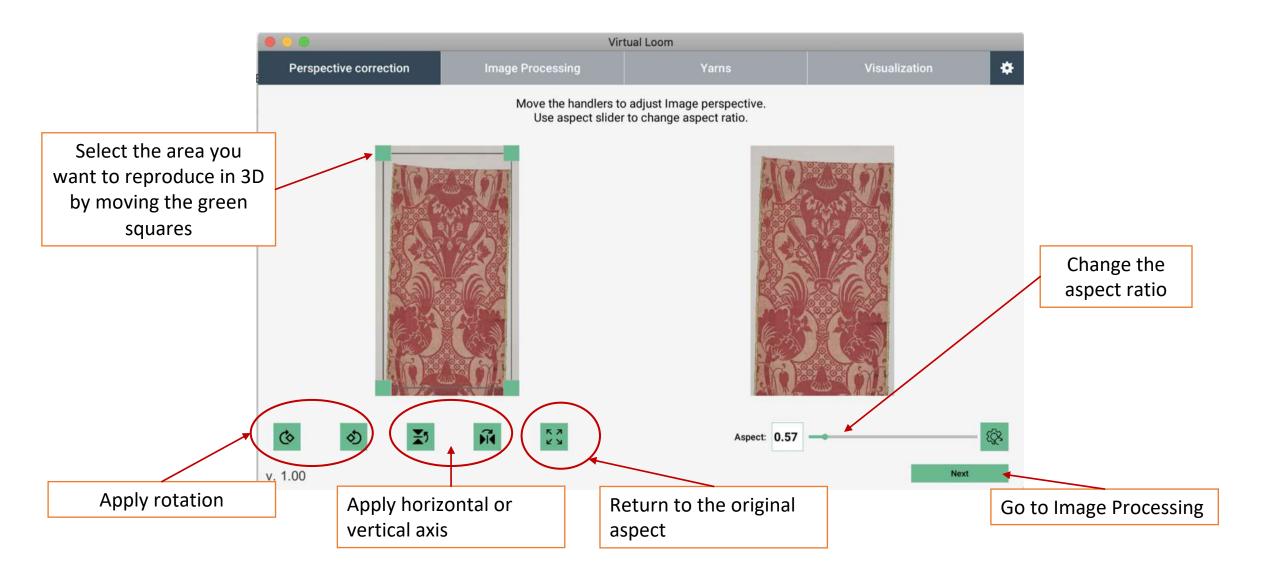


Accessing Virtual Loom online

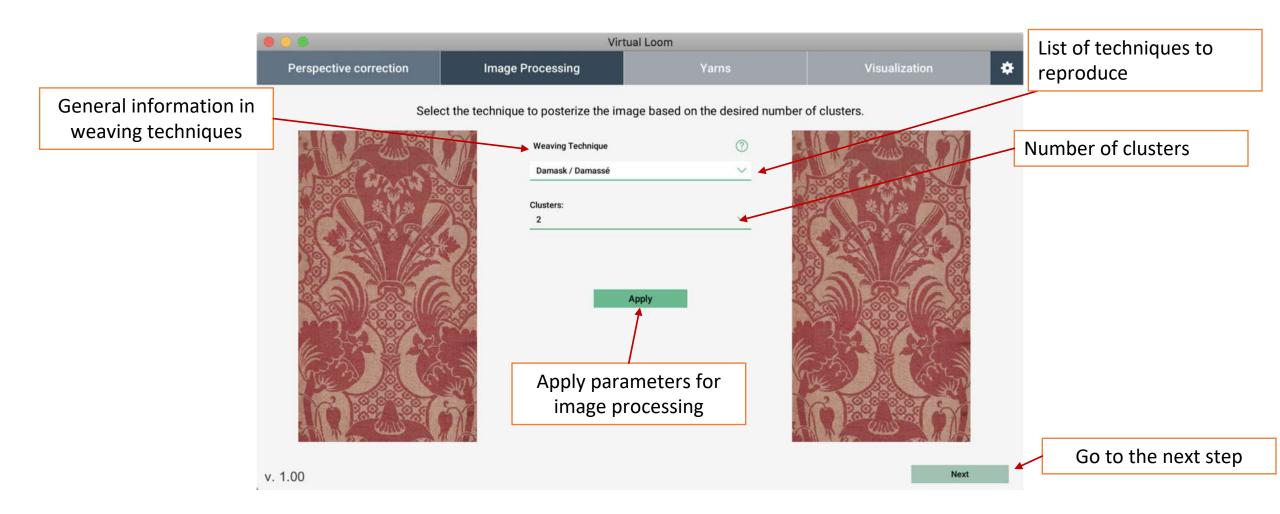




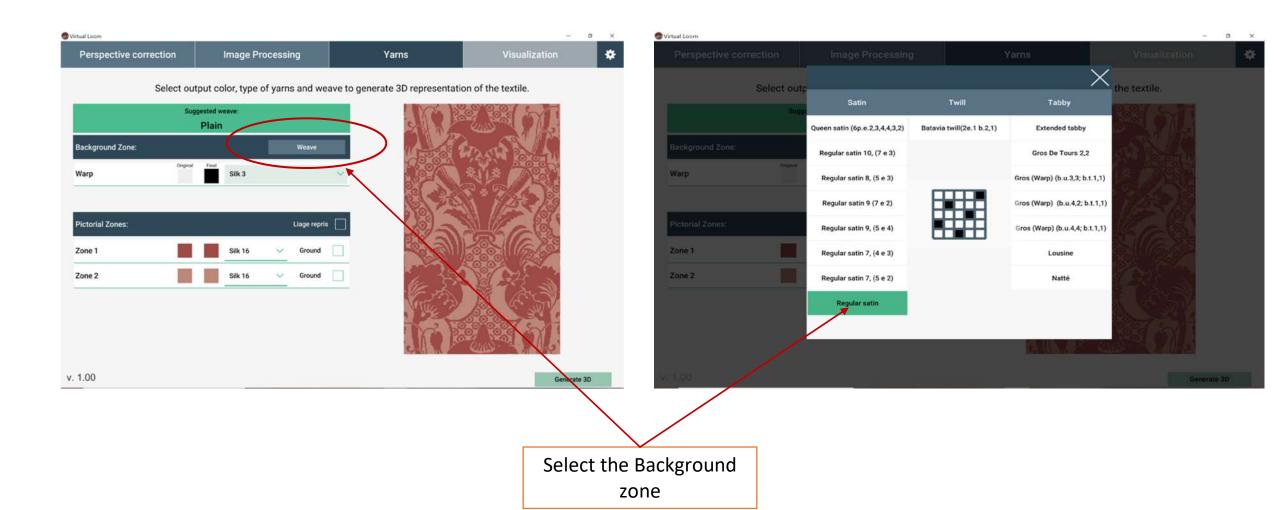
Changing image aspect



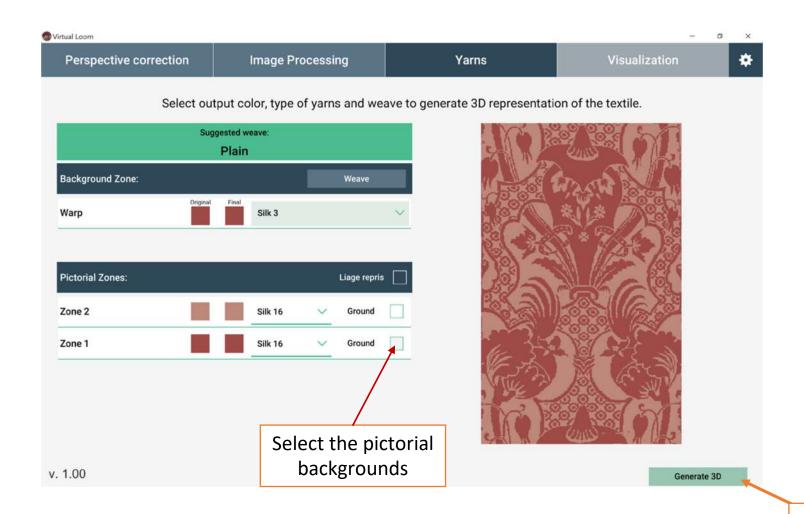
Producing a 3D file of the image



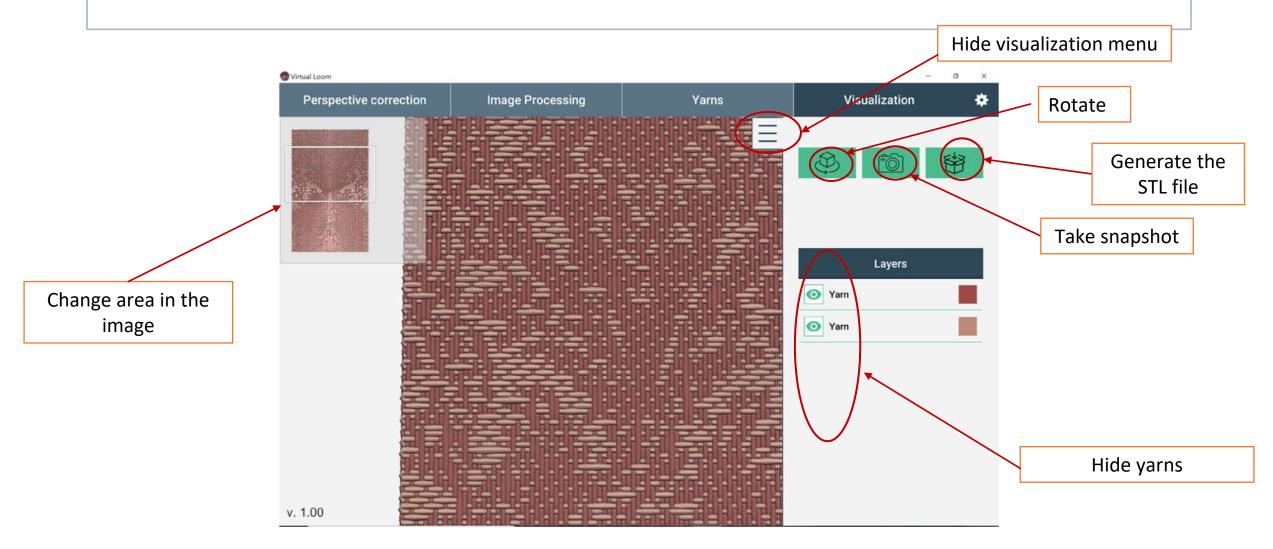
Selecting the background zone



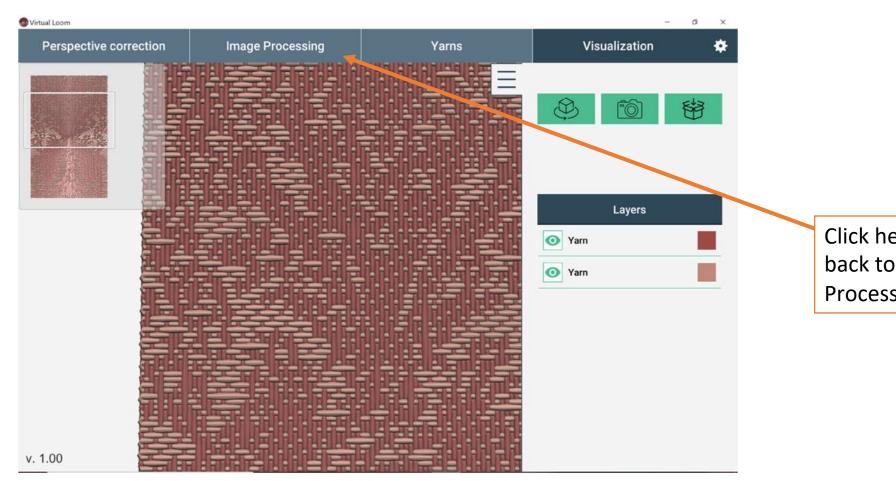
Choosing the background zone



Navigating the 3D model

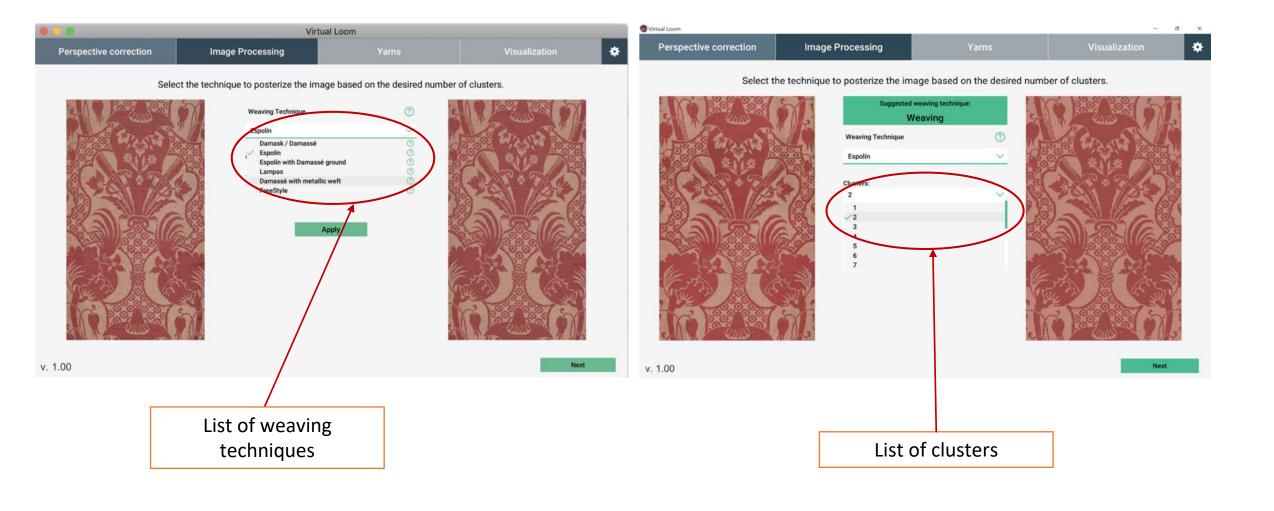


If you want to change the initial techniques

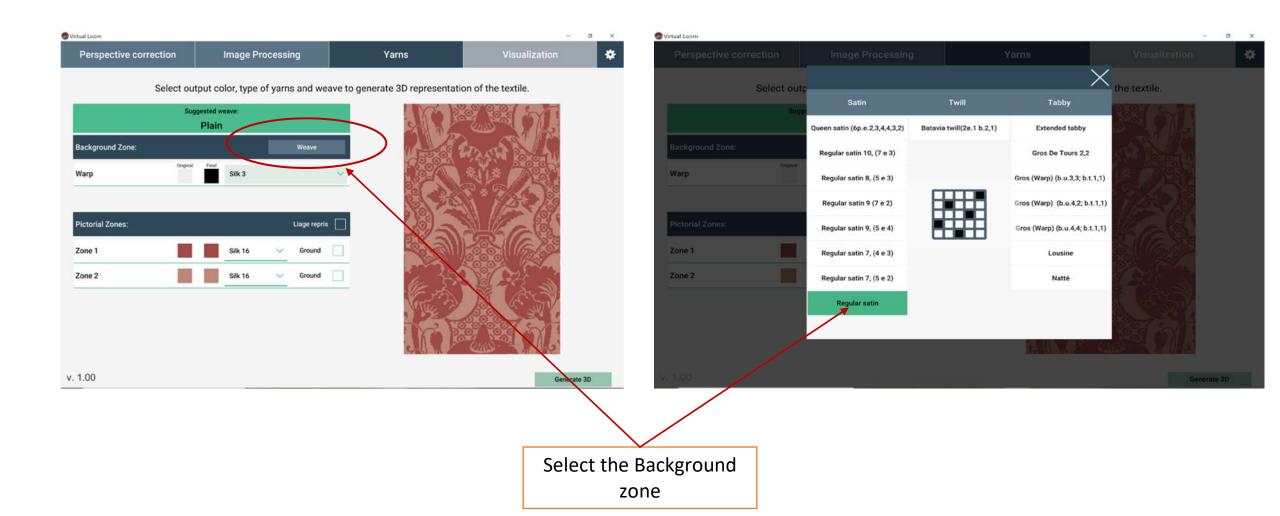


Click here to go back to Image Processing

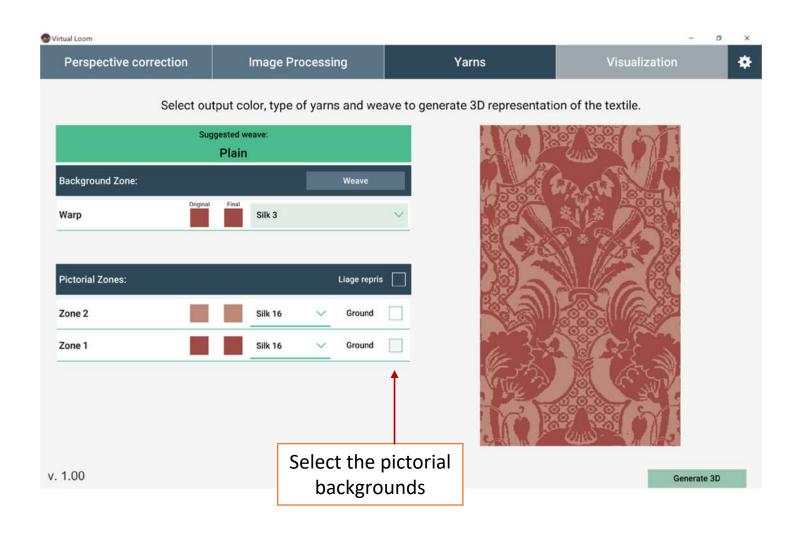
Selecting other techniques



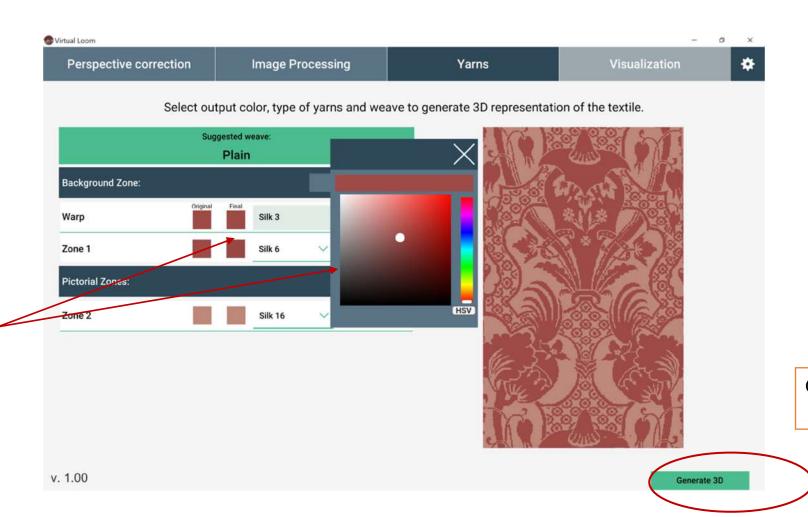
Selecting yarns, colors...generating 3D



Selecting yarns, colors...generating 3D



Selecting yarns, colors...generating 3D



Click on the final color to open the palette

Generate the 3D version

Navigating the 3D model

