



Project code:
2019-1-EL01-KA201-062914

Erasmus+ Call: 2019 - KA2 -

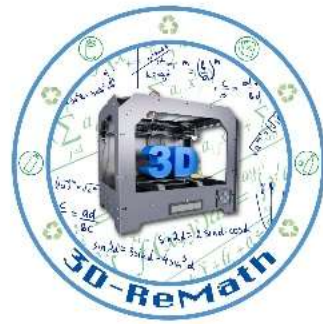


3D printing technology aims students understanding maths and recycling procedure

*Curricula 3: Open Source S/W for Digital Files
"The XYZ Slicing Software"*

Output 3 (O3) - 3D Printing and Maths

Overview (1/2)



In this lesson we get familiar with the XYZ slicer to slice a model for our 3D printer.



Erasmus+

This project is funded by the European Union.



Overview (2/2)

- Downloading XYZ Slicing Software
- Importing 3D Models
- XYZ Slicing Software








Erasmus+


This project is funded by the European Union.






Downloading the Software (2/2)

XYZmaker Suite 	XYZware Nobel 	XYZprint Hub 
		
Including Everything You Need	Designed for Simplicity and Performance	Streamlining 3D printing workflows



XYZmaker Suite
Including Everything You Need

XYZmaker Suite is an all-in-one 3D design software application that provides a comprehensive range of 3D tools for XYZprinting's 3D printers.

[Download >](#) 



Erasmus+

This project is funded by the European Union.



Opening the Software



The screenshot shows the 'XYZmaker Suite' application window. On the left is a vertical sidebar with icons for user profile, globe, social media (YouTube, SoundCloud, Twitter, Instagram, Facebook), and a refresh symbol. The main area contains four software modules:

- XYZmaker 3DKit**: Represented by a blue 3D arrow icon, with an 'INSTALL' button below.
- XYZprint**: Represented by a 3D printer icon with a green and yellow block, with an 'OPEN' button below. This module is highlighted with a red border, and a red arrow points from the 'Color 3D Gallery' banner below to its 'OPEN' button.
- XYZengraver**: Represented by a laser engraving icon, with an 'INSTALL' button below.
- XYZscan Color**: Represented by a 3D scan icon with a red and yellow grid, with an 'INSTALL' button below.

Below the modules is a blue banner for the 'Color 3D Gallery' featuring various 3D models (a dinosaur, a cat, a dog, a character) and a 'FREE Download' button. The version number '1.1.4' is visible in the bottom right corner of the window.

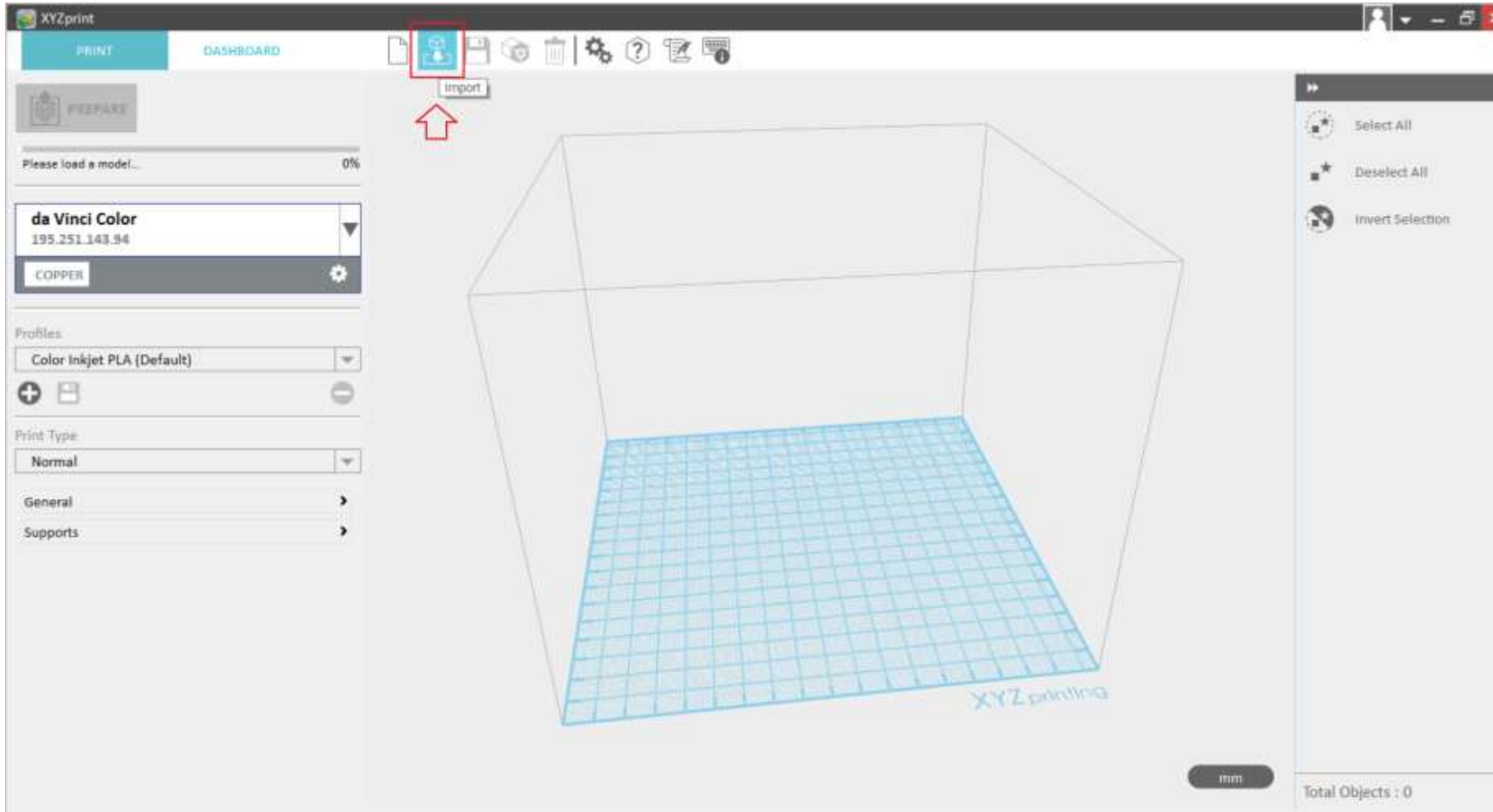
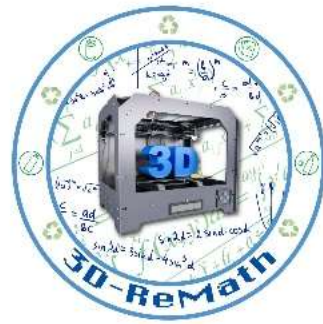


Erasmus+

This project is funded by the European Union.



Importing the 3D model (1/4)

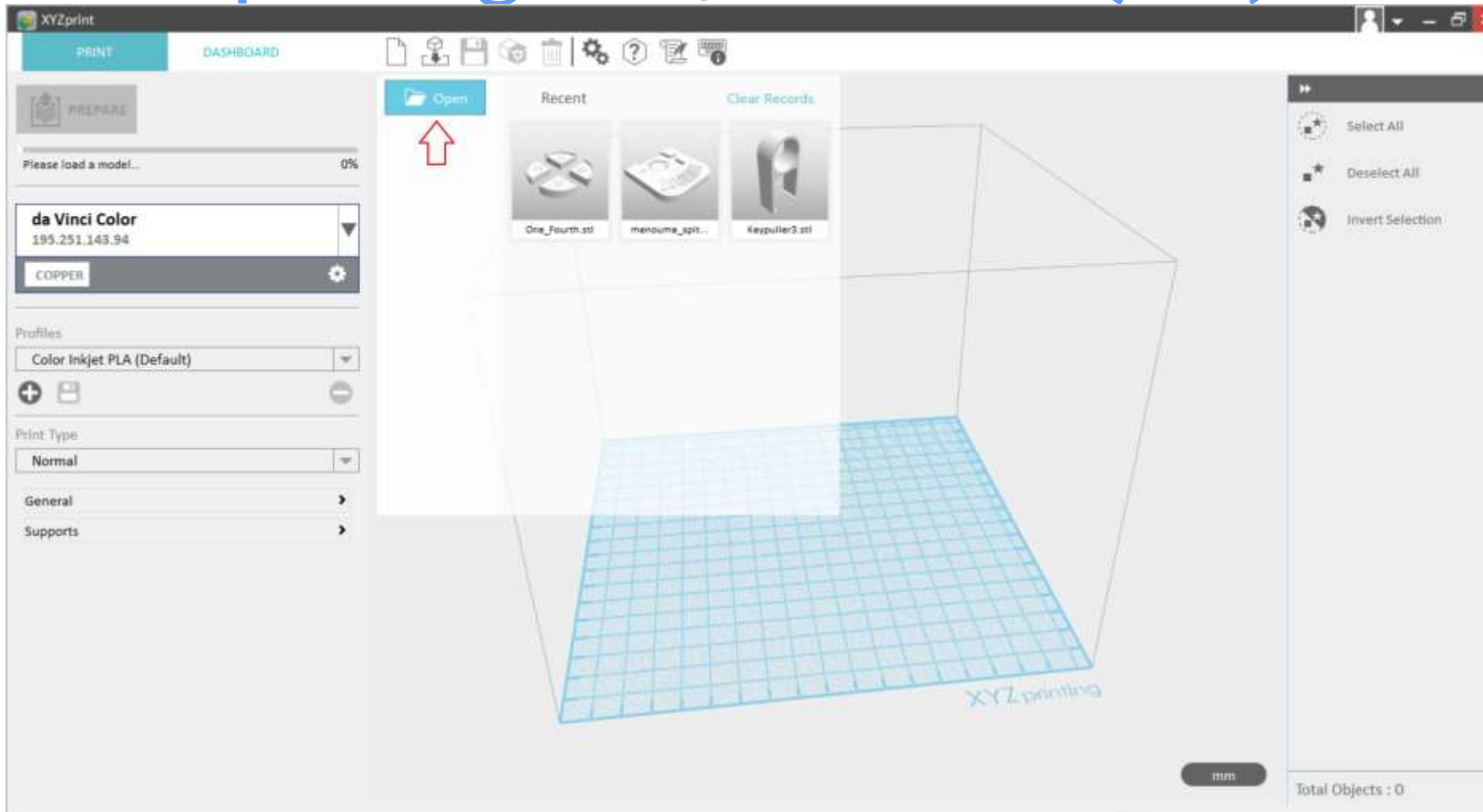
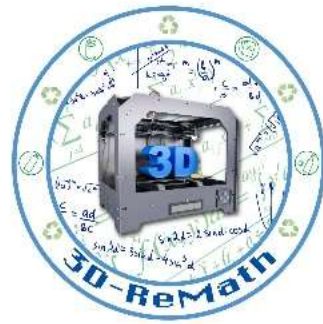


Erasmus+

This project is funded by the European Union.



Importing the 3D model (2/4)

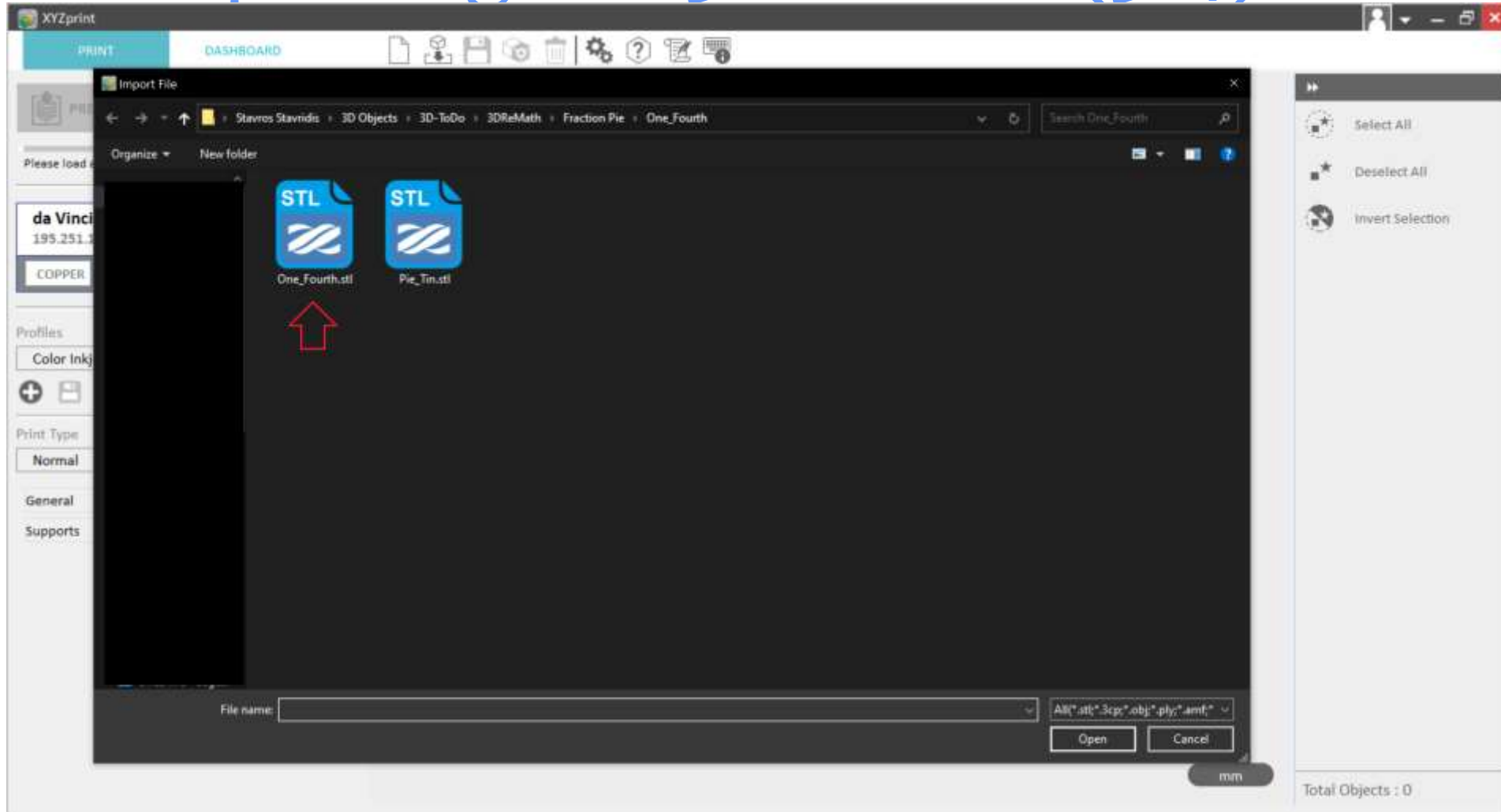
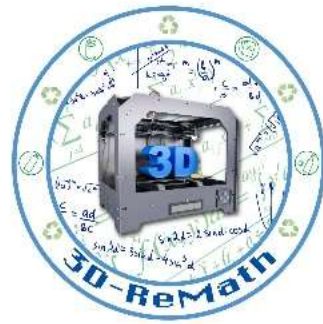


Erasmus+

This project is funded by the European Union.



Importing the 3D model (3/4)

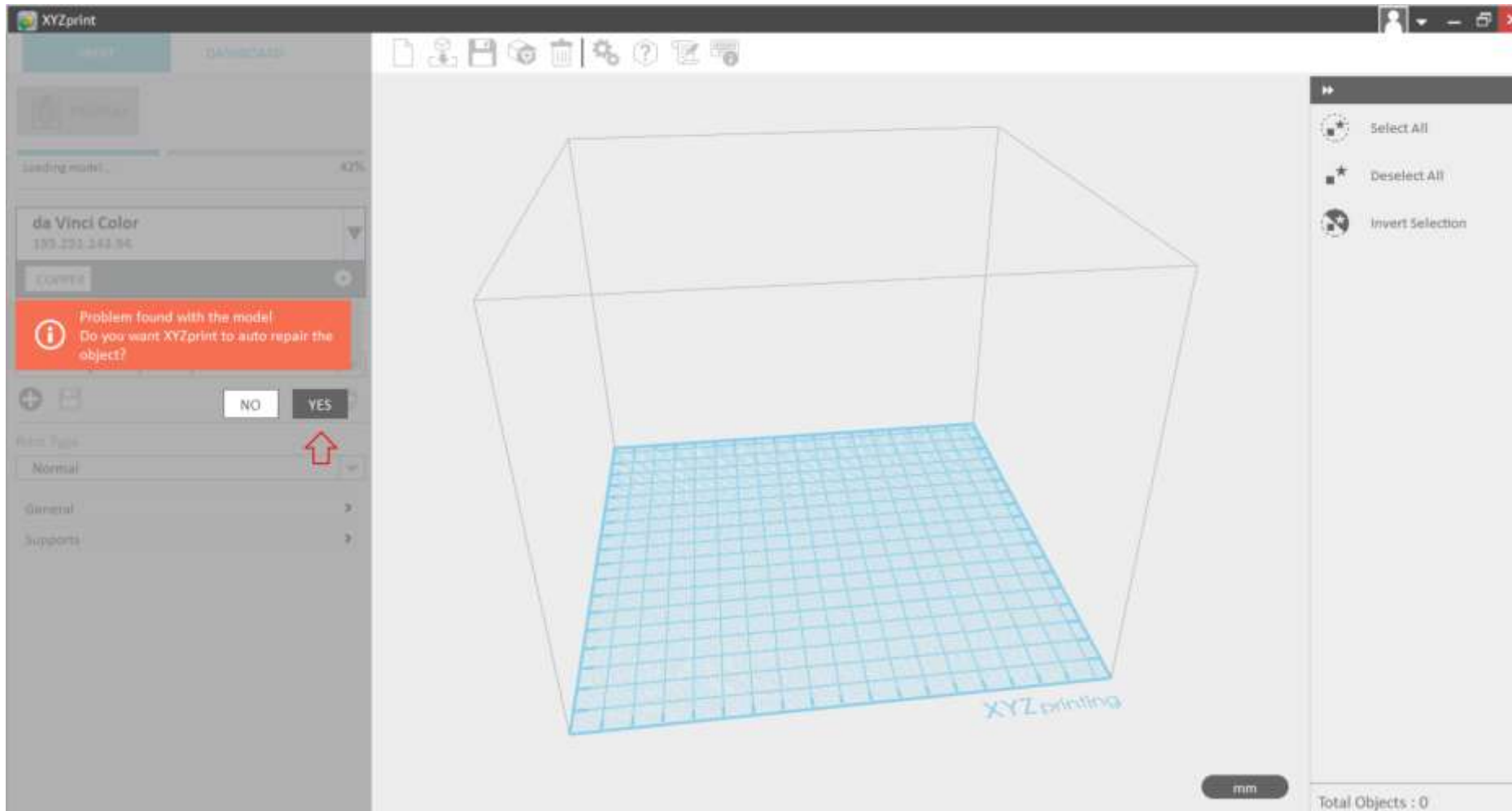
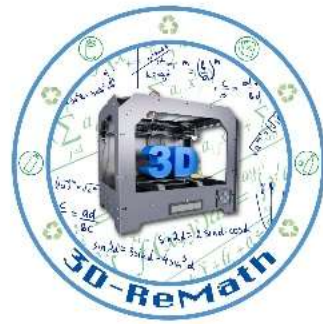


Erasmus+

This project is funded by the European Union.



Importing the 3D model (4/4)

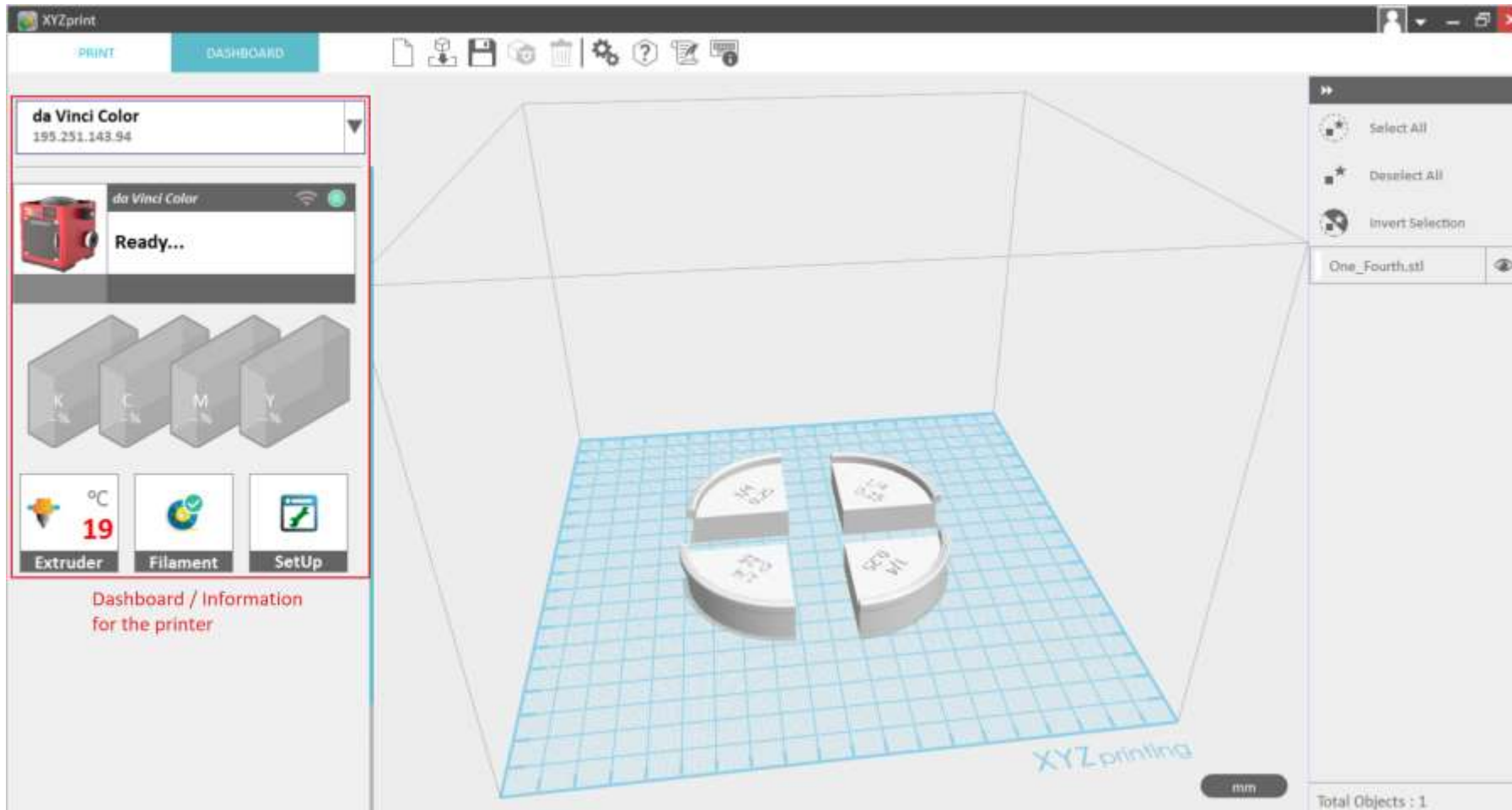
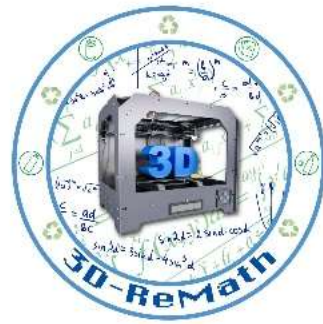


Erasmus+

This project is funded by the European Union.



Navigating through the Slicer (1/5)



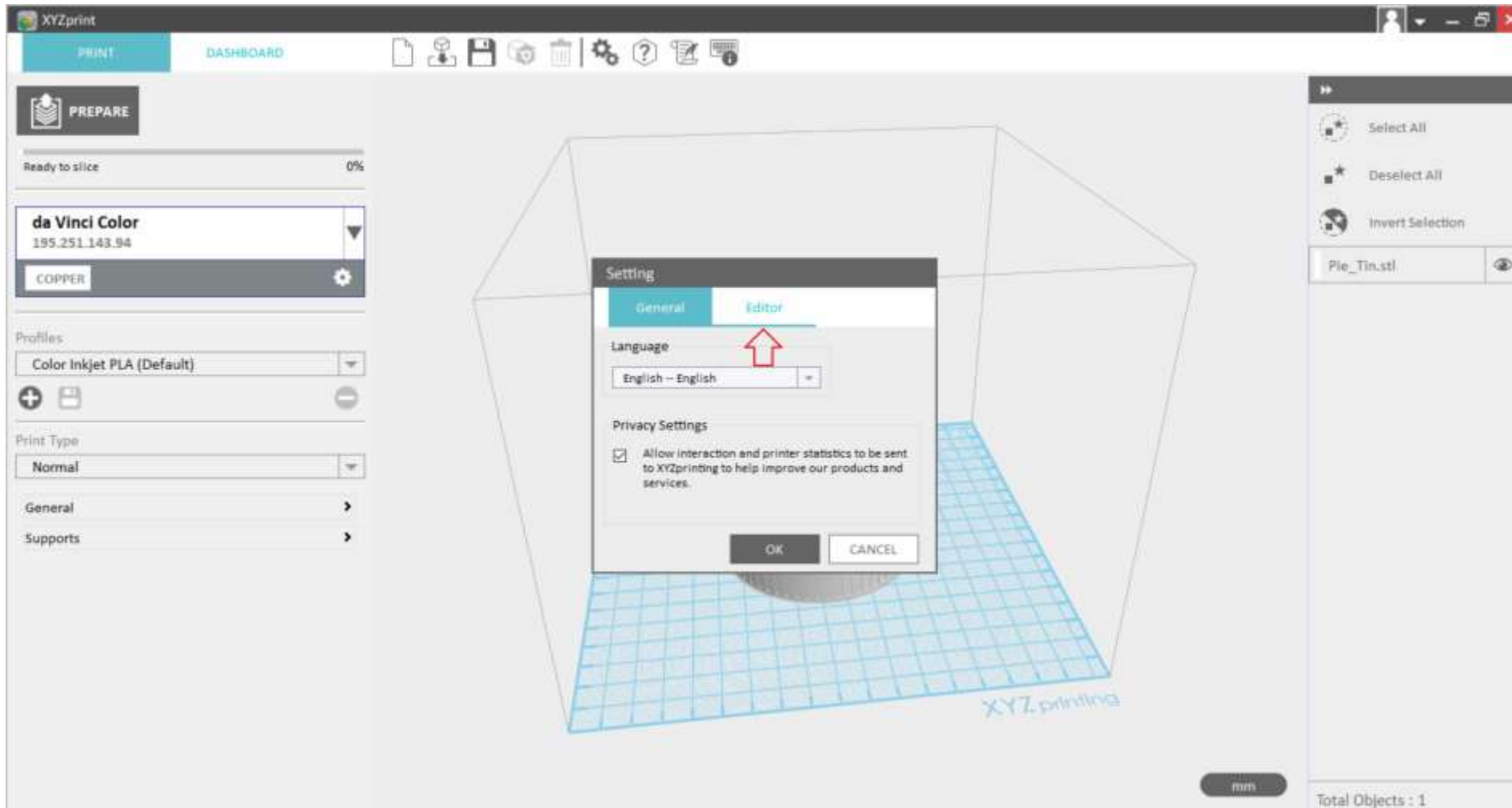
Erasmus+

This project is funded by the European Union.





Navigating through the Slicer (3/5)



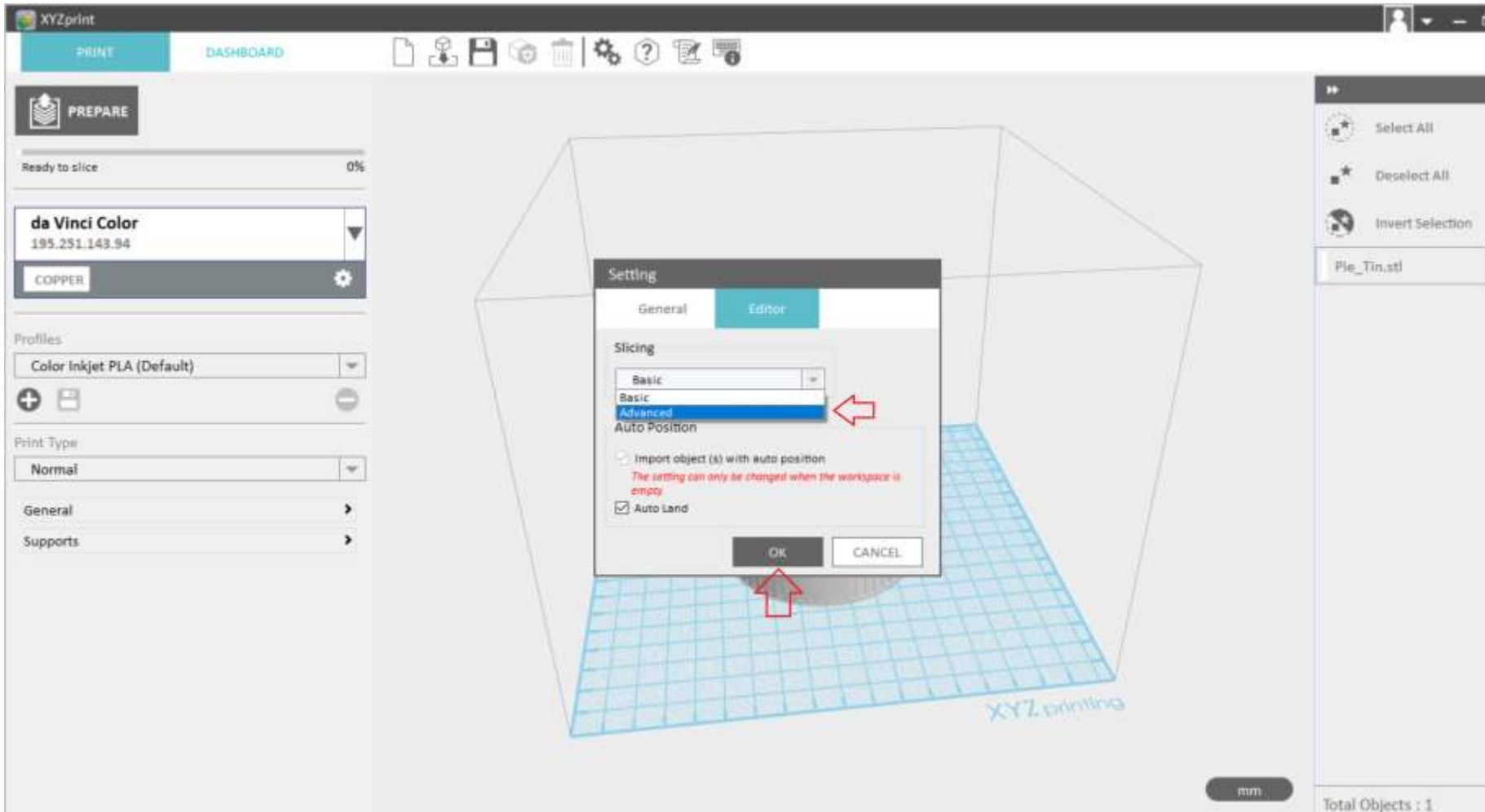
Erasmus+

This project is funded by the European Union.





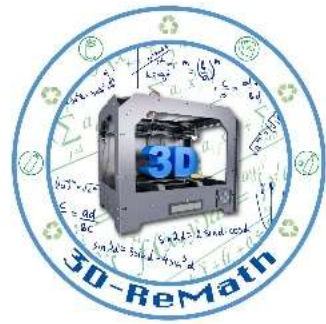
Navigating through the Slicer (4/5)



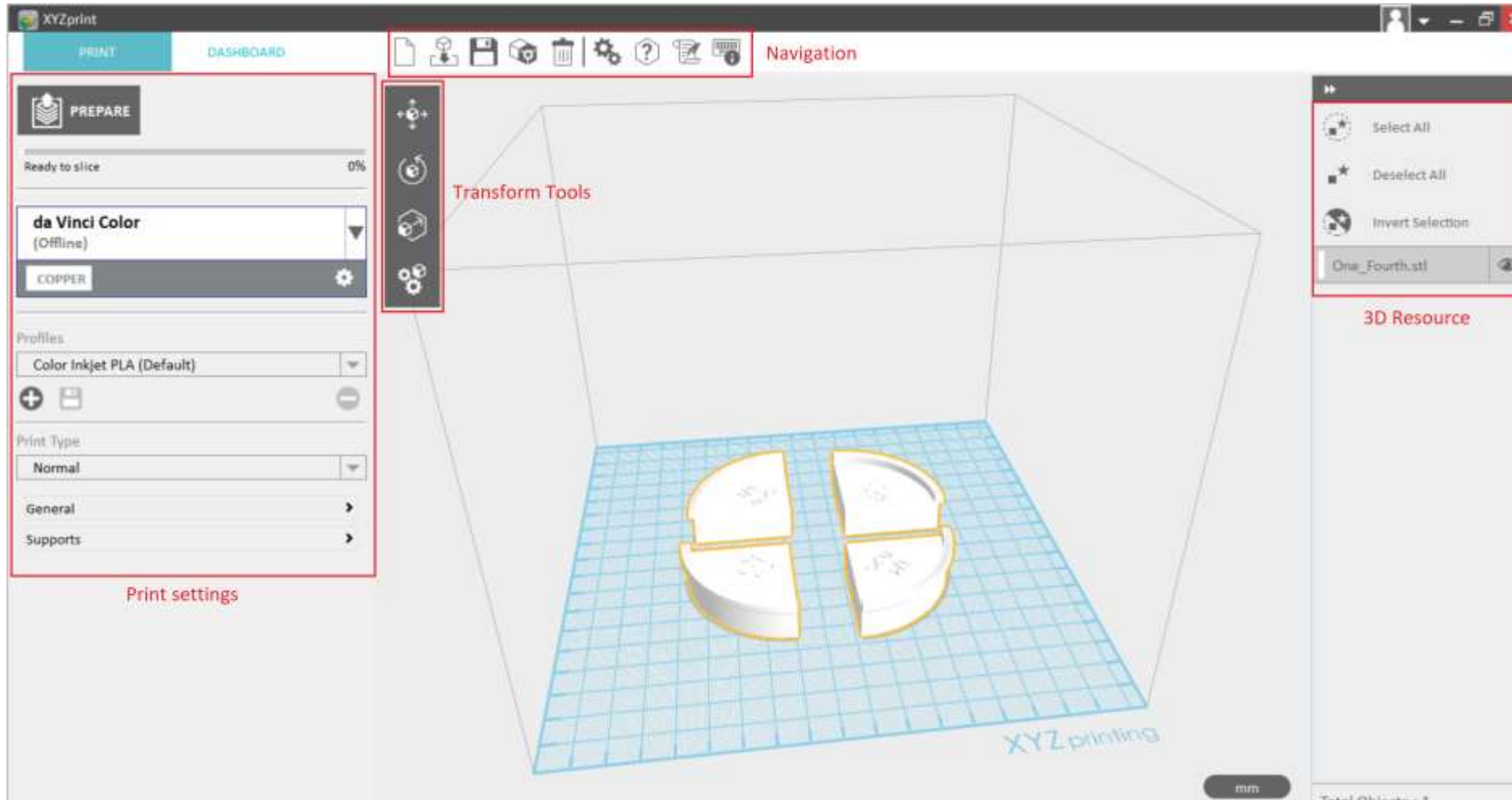
Erasmus+



This project is funded by the European Union.



Navigating through the Slicer (5/5)



Erasmus+

This project is funded by the European Union.



