



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

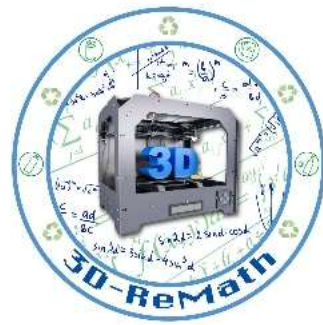
Erasmus+ Call: 2019 - KA2 -



3D printing technology aims students understanding maths and recycling procedure

*Curricula 3: Open Source S/W for Digital Files
“3D Printing & Math: Fractions Part2 ”*

Output 3 (O3) - 3D Printing and Maths



Overview (1/2)

In this lesson we learn how to create fractions in SketchUp Software. We also learn how to find similar 3D models on Thingiverse. Additionally, we import the models into the Slicing Software and present their 3D printing preparation.



Erasmus+

This project is funded by the European Union.



Overview (2/2)

- Importing fractions in XYZ slicer
- Preparing 3D models for printing



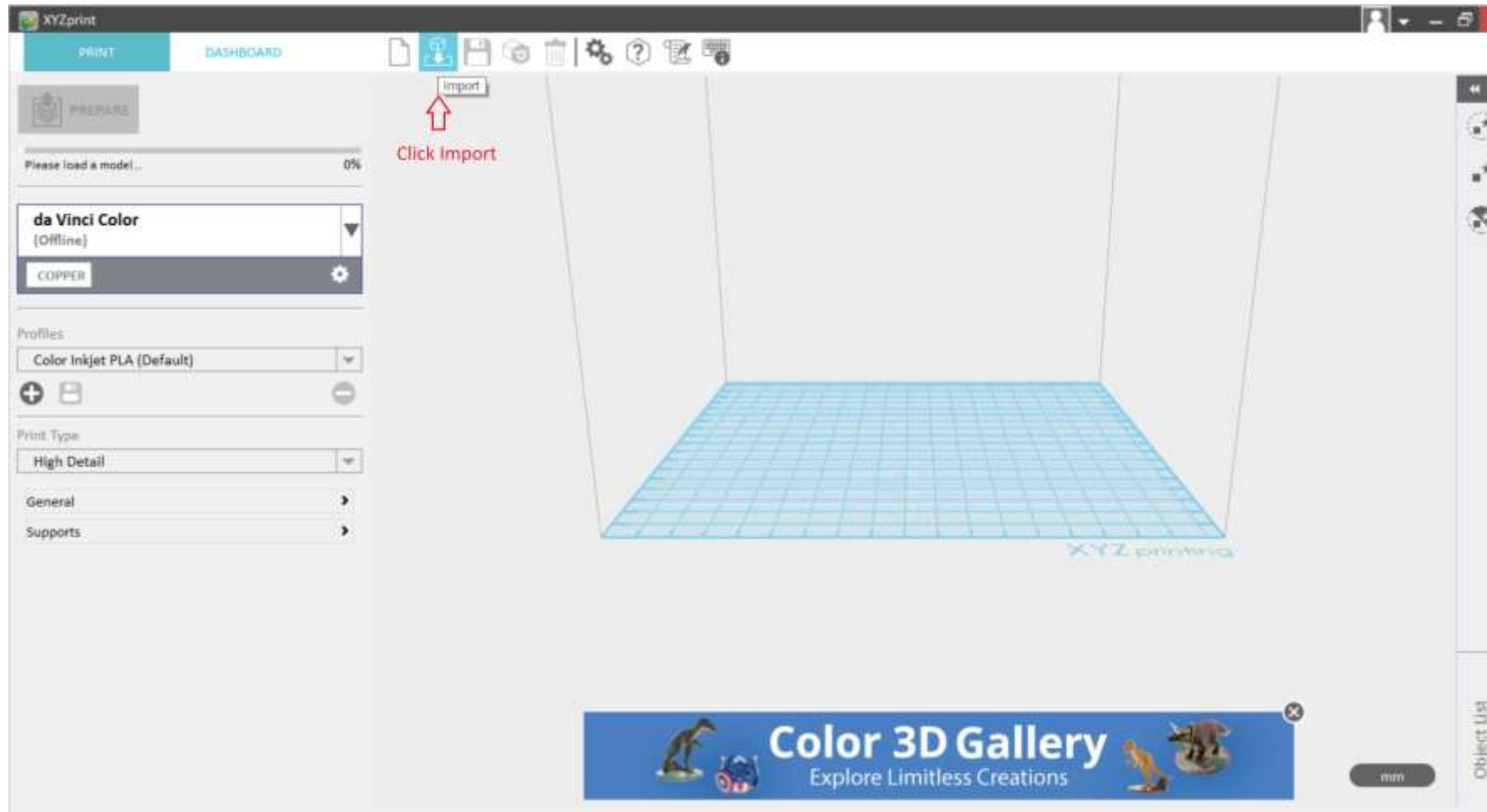
Erasmus+

This project is funded by the European Union.





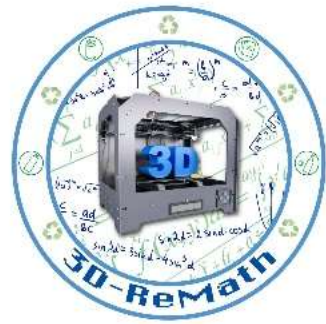
Importing fractions in XYZ slicer (1/4)



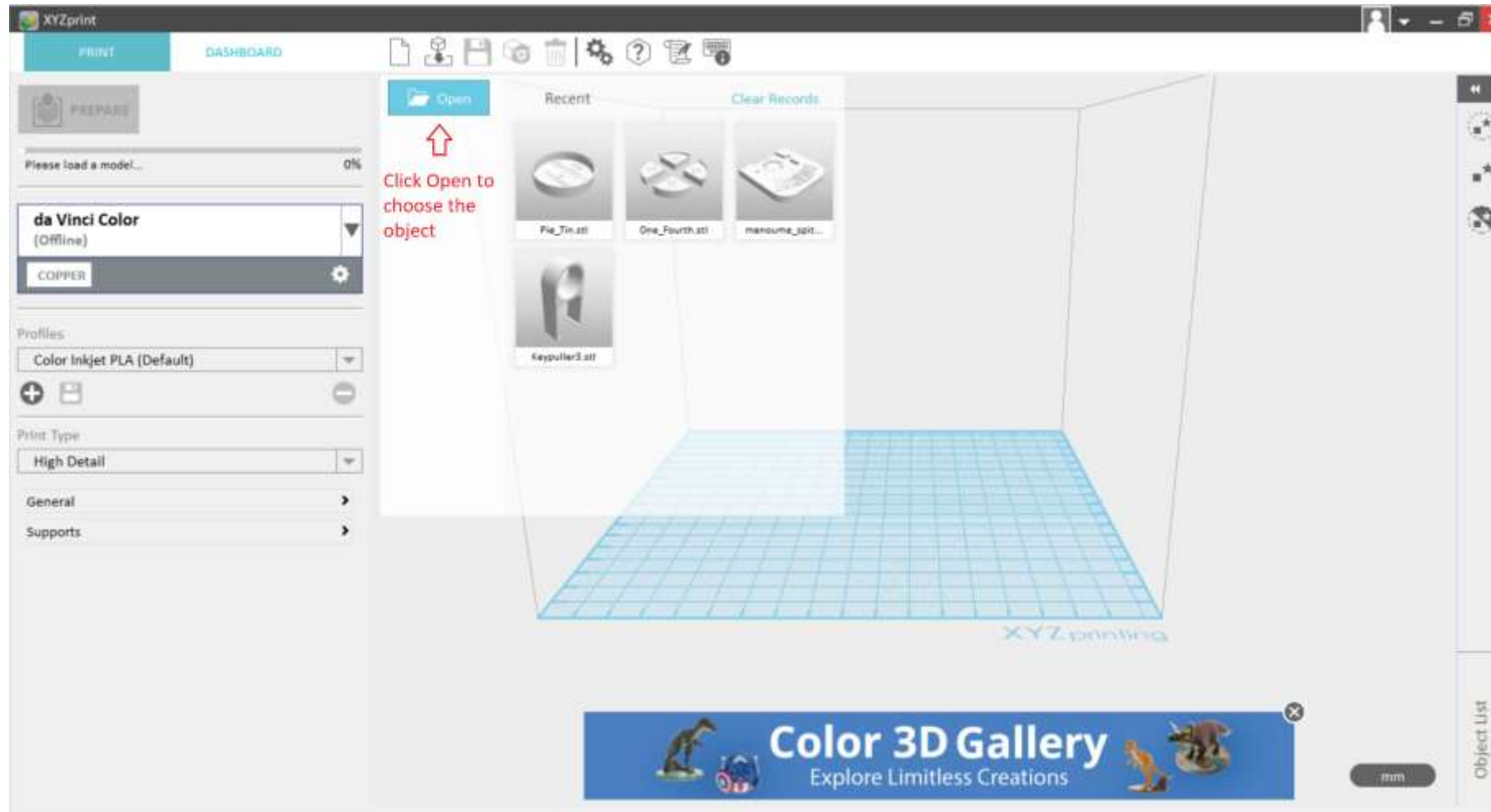
Erasmus+

This project is funded by the European Union.





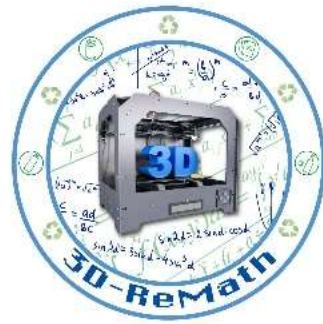
Importing fractions in XYZ slicer (2/4)



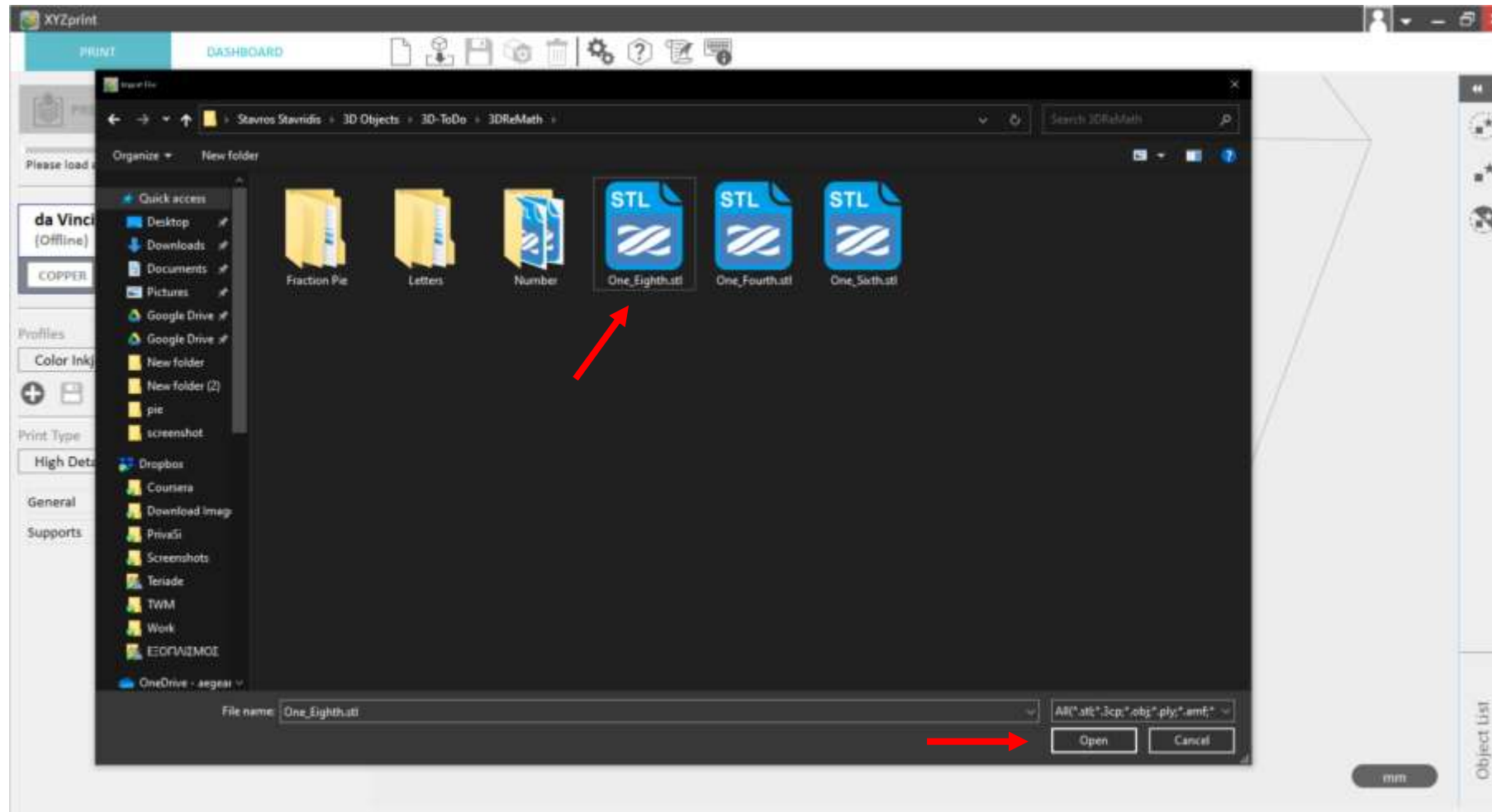
Erasmus+

This project is funded by the European Union.





Importing fractions in XYZ slicer (3/4)

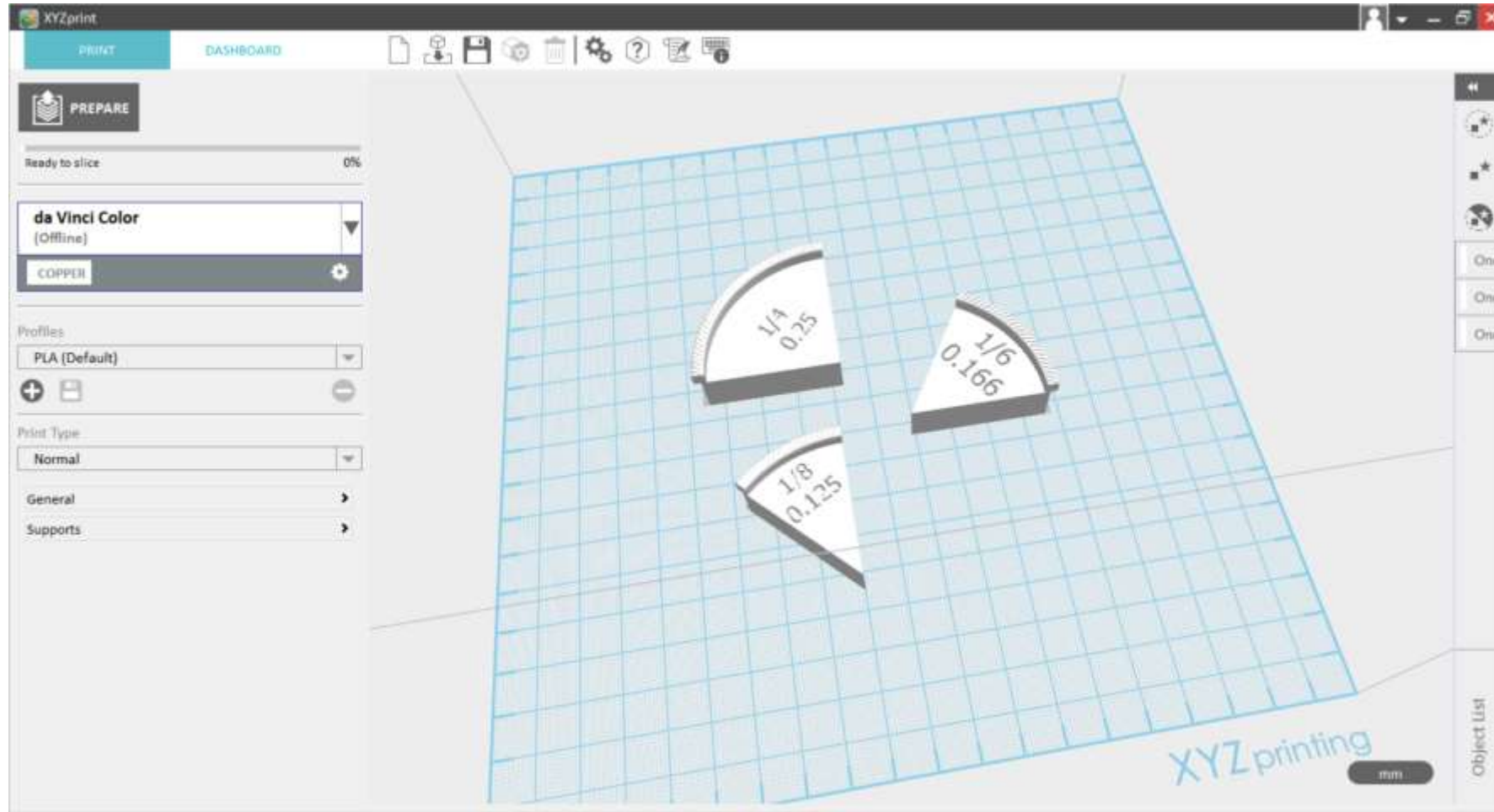
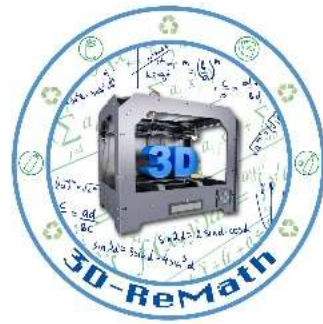


Erasmus+

This project is funded by the European Union.



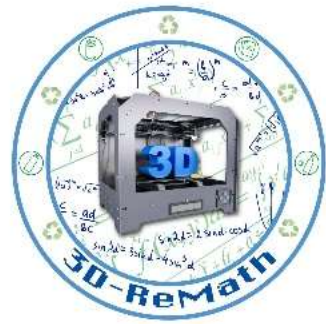
Importing fractions in XYZ slicer (4/4)



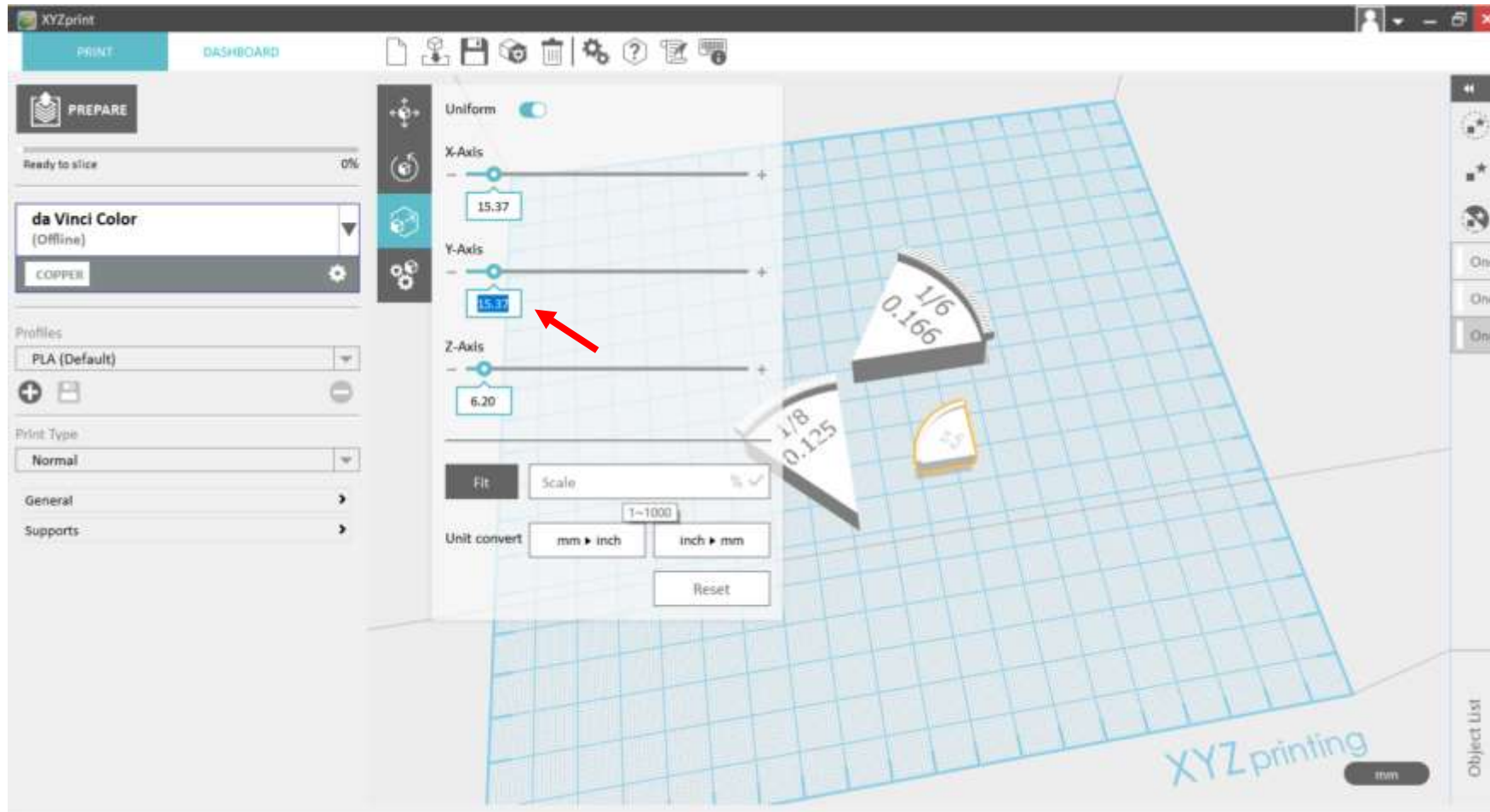
Erasmus+

This project is funded by the European Union.





Preparing 3D models for printing (1/6)



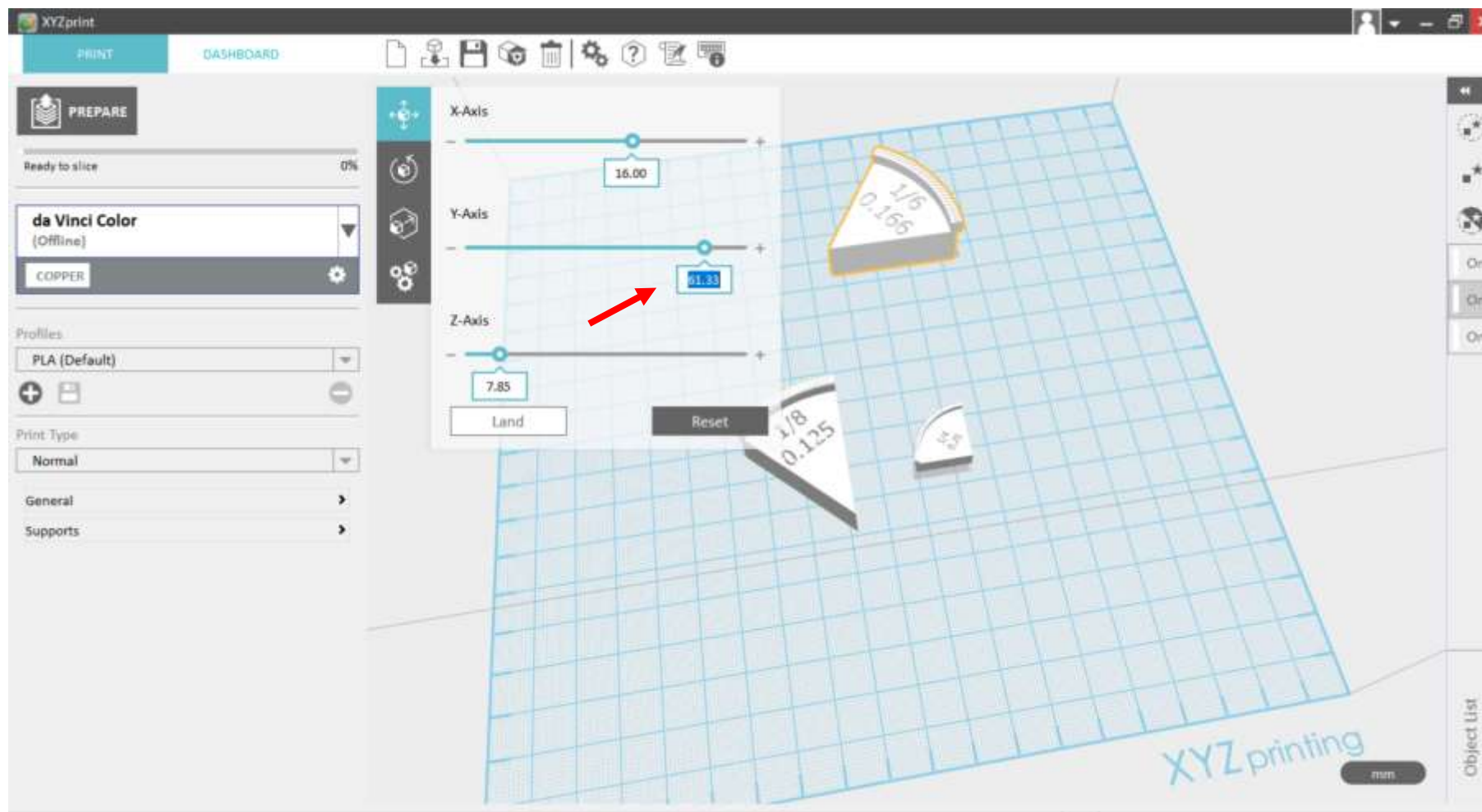
Erasmus+



This project is funded by the European Union.



Preparing 3D models for printing (2/6)

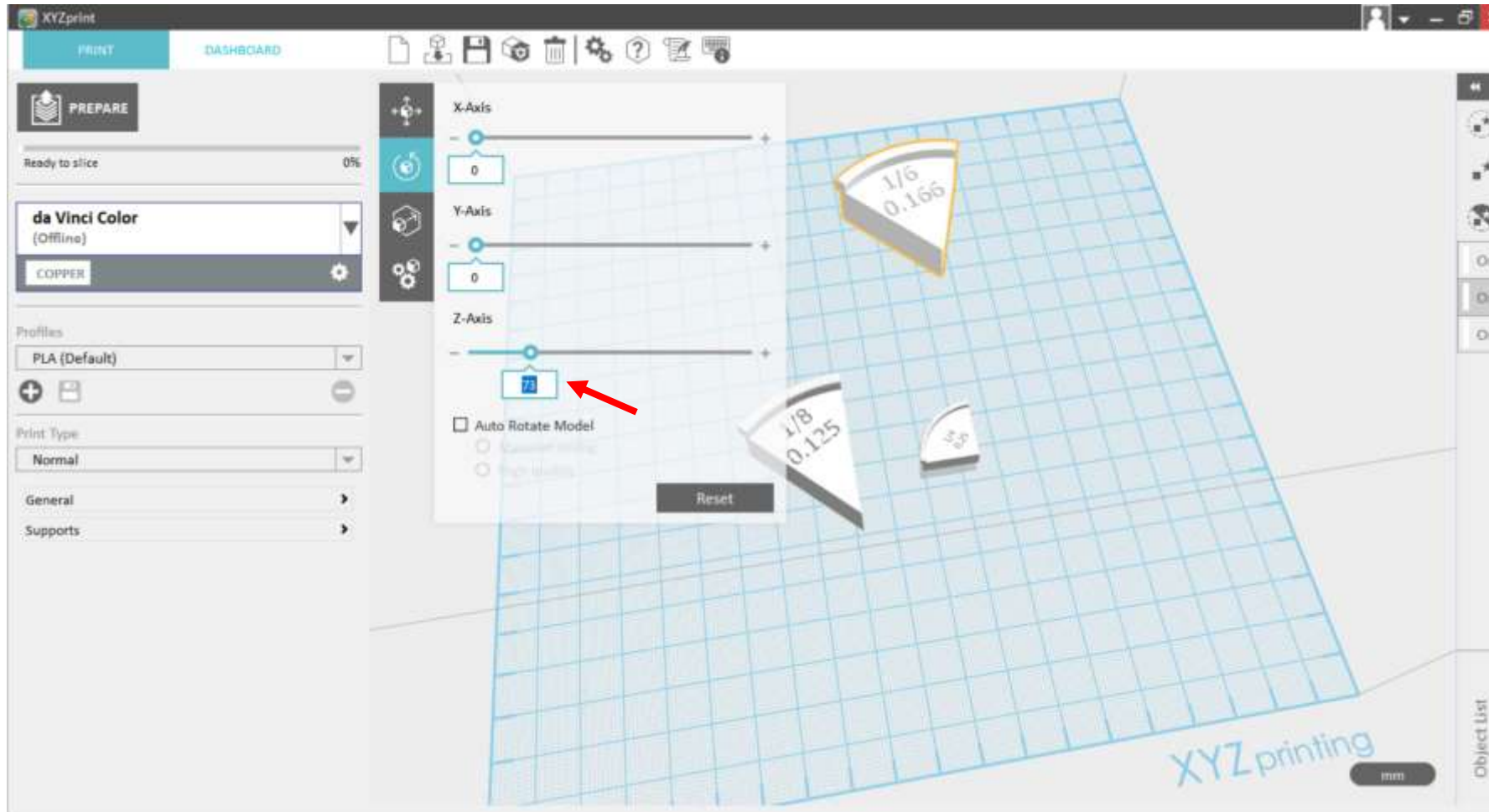
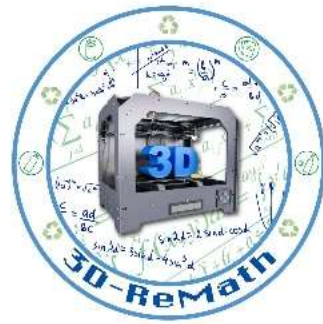


Erasmus+

This project is funded by the European Union.



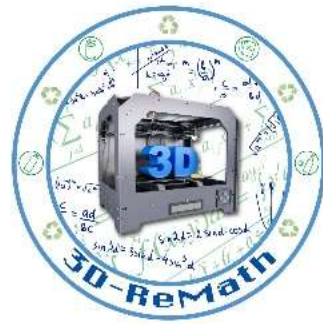
Preparing 3D models for printing (3/6)



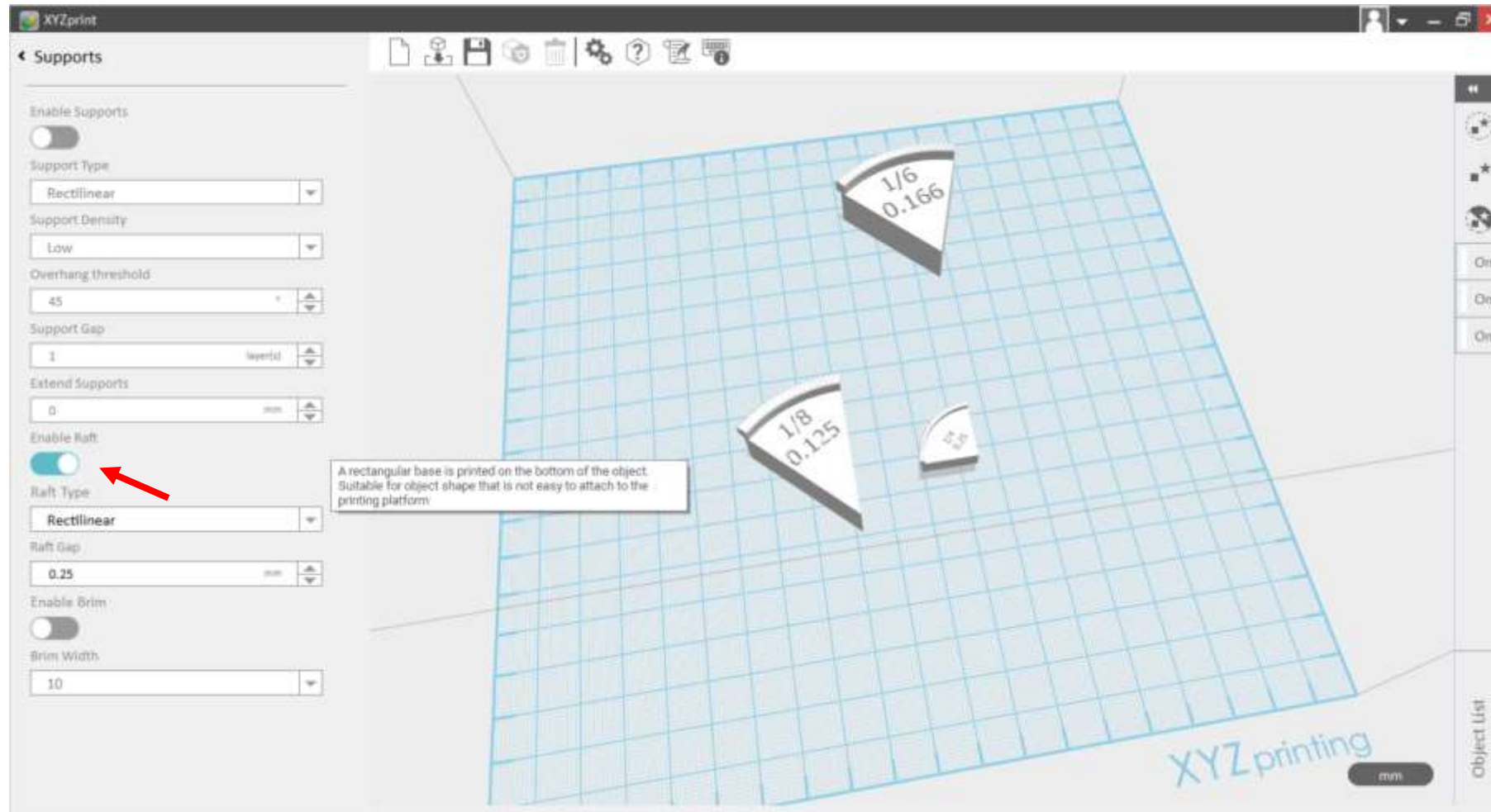
Erasmus+

This project is funded by the European Union.





Preparing 3D models for printing (4/6)

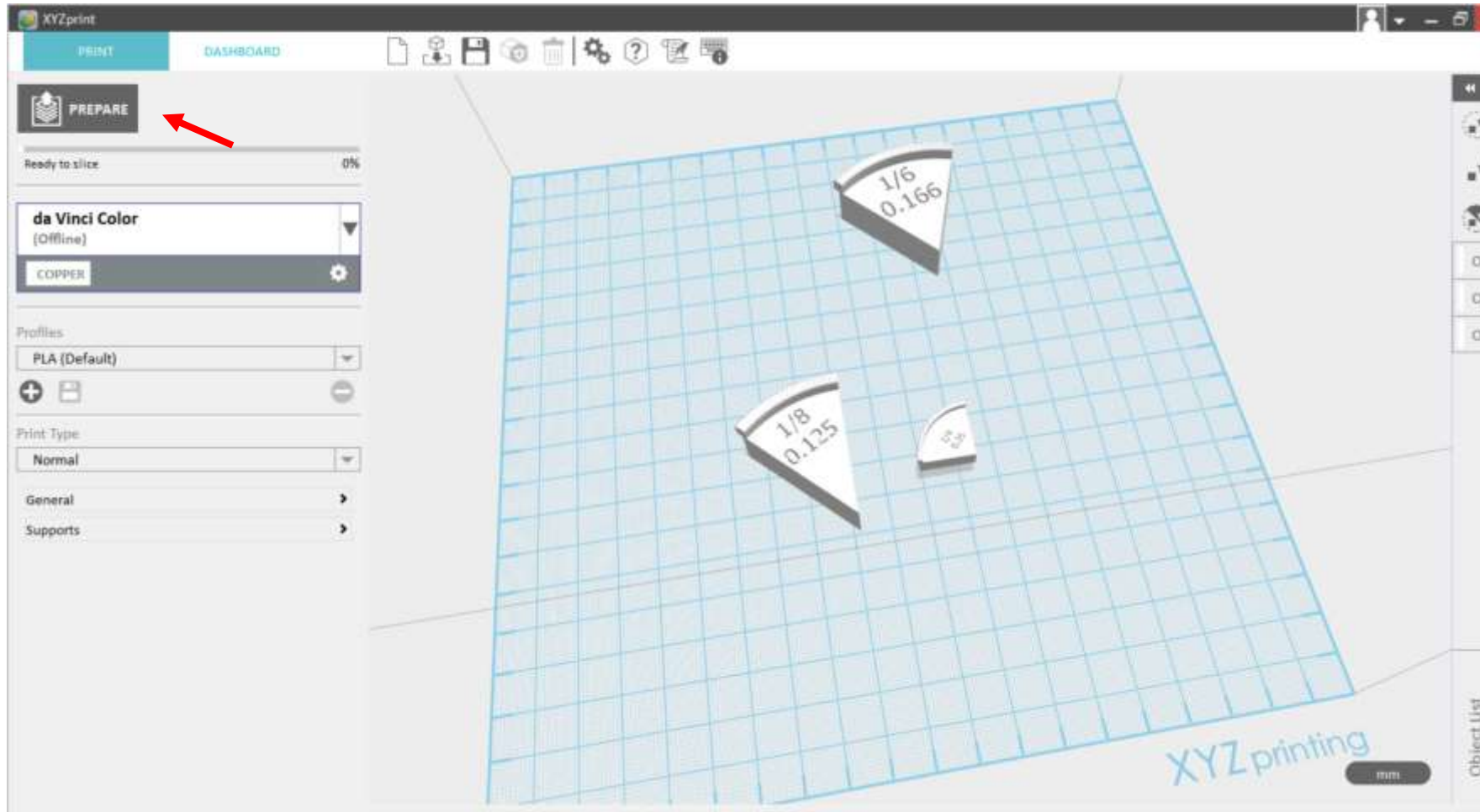
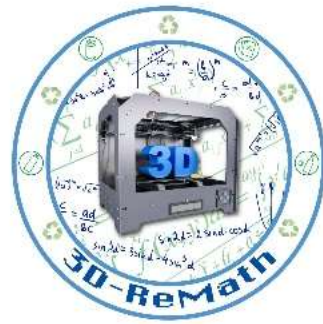


Erasmus+

This project is funded by the European Union.



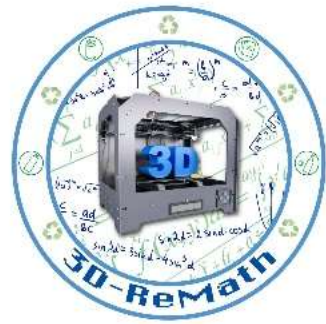
Preparing 3D models for printing (5/6)



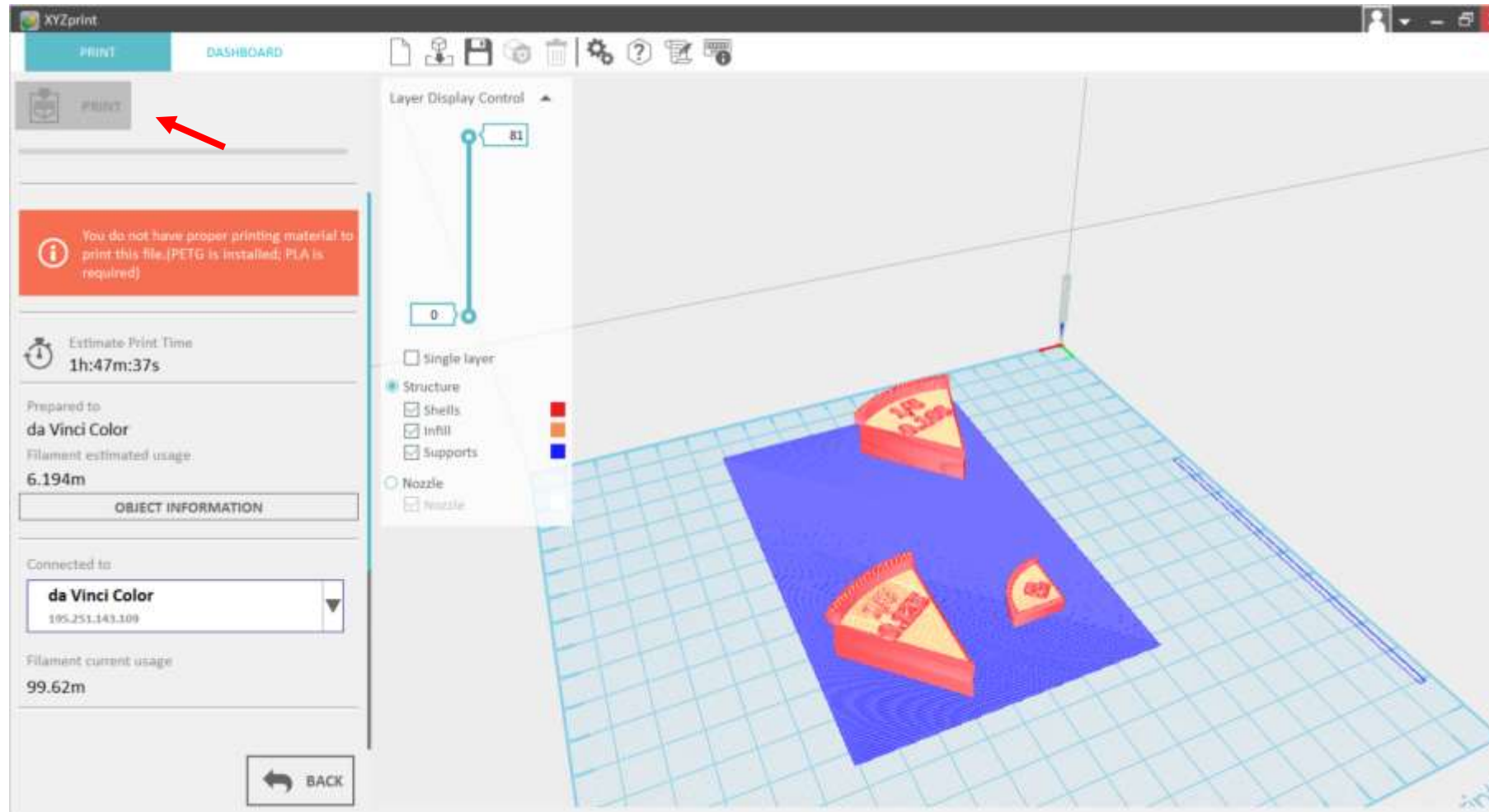
Erasmus+

This project is funded by the European Union.





Preparing 3D models for printing (6/6)



Erasmus+

This project is funded by the European Union.





Thank you!!

privasi.aegean.gr



Erasmus+

This project is funded by the European Union.

