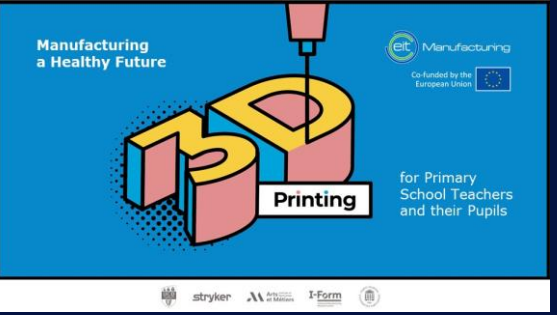


## PROBLEM & SOLUTION

Our project invests in the next generation through a combination of 3D printing training for primary school teachers and Design Thinking challenges for pupils. By bringing 3D printing in the classroom, primary school teachers gain confidence in using manufacturing technology and discussing it with their pupils. Children learn to use manufacturing technology to solve problems and improve sustainability in their local community. Embedding both printers and key skills in the classroom supports medium and long-term impact in educational settings.

## WHY IT IS IMPORTANT FOR SOCIETY

The next generation need both digital skills and 21st Century Skills (collaboration, creativity, critical thinking, communication) in order to tackle big societal issues such as climate change, sustainability and energy supply.

This project seeks to embed both among young children, under the guidance of key influencers in their lives – teachers.

eit Manufacturing

Co-funded by the European Union

*“ Thanks to EIT we were able to work across multiple territories to bring manufacturing technology and digital skills to classrooms across Europe. ”*

## MAIN RESULTS & INSIGHTS

- 50 primary school teachers trained in 3D printing in Ireland, France & Estonia in 2022
- 2,220 primary school pupils participating in 3D design challenge
- Printer hardware installed in schools, paving the way for manufacturing to be embedded in curriculum
- National & European showcase events
- Technical support provided for teachers

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