



CHALLENGE AND SOLUTIONS

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 health in their local community. Embedding both printers and key skills in the classroom supports medium and long-term impact in educational settings.

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

TIMING AND MILESTONES

- Year-long project in Ireland, France, Estonia
- Teacher training delivered in summertime
- Printer hardware installed in schools
- Technical support offered on an ongoing basis
- Classroom challenges – Sept–Dec
- Challenge finals – national & European – December



MAIN PROJECT RESULTS



- 55 primary school teachers trained in 3D printing in Ireland, France & Estonia



- 1,074 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

- Social channels for teacher networking

