

PROJECT START

200k€ EIT Funding

Selection of scope and first design studies
04/2020

Design of the model electric vehicle
07/2020

Alpha version of AR application
09/2020

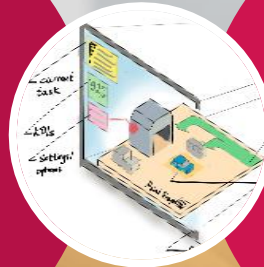
Tests with pupils
11/2020

Finished Product Design
12/2020

CHALLENGE



- Manufacturing is not transparent for pupils and Opportunities for are hidden
- Sustainable Development requires young talents
- 42M pupils in secondary schools in EU-29



SOLUTION



1. Take an everyday life product
2. Create a model as a tangible object
3. Create a virtual interactive factory for



BENEFITS



- Affordable educational product for schools
- Multiple topics addressed
- Insights for pupils to manufacturing and its relevance for society and environment

MAIN PROJECT RESULTS

EDUCATIONAL PRODUCT FOCUSING ON MANUFACTURING

AR VIRTUAL FACTORY



INVOLVEMENT OF PUPILS IN DESIGN PROCESS

G “with LeaFox we’re creating an innovative tool for teaching conveying knowledge about manufacturing and highlighting the relevant challenges”



BASTIAN THIEDE
Team Lead Learning Factory for Digital and Sustainable Production at TU Braunschweig