



LeaFox – Learning Factory in a Box

An Activity of EIT Manufacturing
Programmes to Engage Society and Pupils



How to Draw Pupils Attention for Manufacturing?

- Manufacturing has not the best image among future talents
- Learning factories provide great opportunity to explore

But schools are low on budget and sophisticated learning factory setups can become quite costly



What we expect

- Spark the **curiosity** for manufacturing
- Create **awareness** for production
- Show **diversity** of tasks and **opportunities**
- Spot light on **environmental relevance** of manufacturing

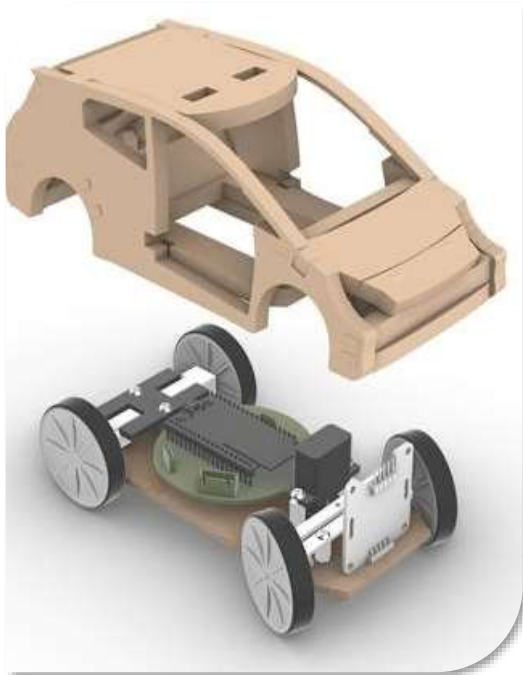
42.4 M

Pupils

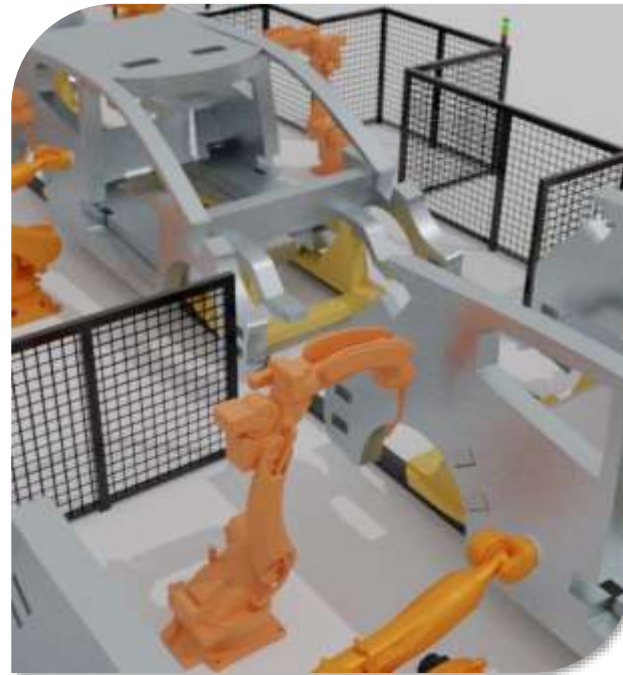
in secondary schools
in EU-28 (2015)

Bring the Learning Factory to the Pupils' Desktop!

Take a recognizable everyday product and create a tangible version of the product



Design a virtual factory, manufacturing the product



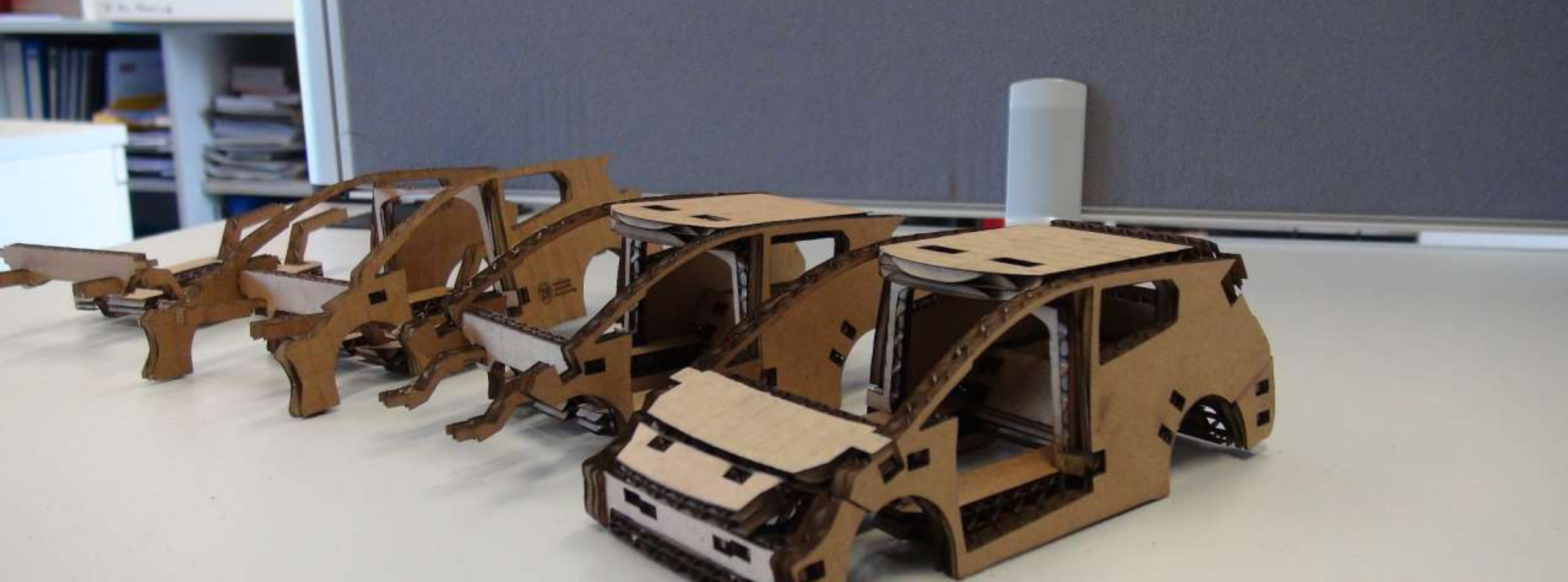
Ship the product as a kit alongside an AR application with knowledge and information content at low cost!



Impressions from Development



- Single crafts as tiles on the desktop
- Crafts are shown as 3D models, manufacturing the „real“ car
- Augmented live information of the process
- Additional text & real live videos
- Tasks, skill tree & knowledge via the app a



Thank you for your Attention!
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