

# BambusFAB

## Production Line for Automated Bamboo Cane Processing



### Motivation and Relevance

- Raw materials are becoming increasingly scarce
- The target is to make bamboo cane industrially usable as a renewable, climate-neutral lightweight construction material
- In this project, bicycle manufacturers and baby carriage manufacturers are interested in the solution for the first time

### Approach

- Use of robots for the design of automated manufacturing cells
- Use of sustainable materials
- Combination of combined additive manufacturing technologies

### Research Area

- Joining Technology
- Automation technology
- Industry 4.0
- Measurement technology
- Surface treatment

### Picture



### Partners



### Contact



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