



FIT-4-AMANDA

Future European Fuel Cell Technology: Fit for Automatic Manufacturing and Assembly

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Written By	Thomas Wannemacher (PM) and Dominik Bader (PM)	October 2017
Checked by	Anish Patil (UNR) and Anna Molinari (UNR)	27 October 2017
Approved by	Mathias Reum (PM) and Thilo Richter (USK)	30 October 2017
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Publishable Executive Summary

In the manual production for individual components, humans can perform processes that are not directly automatable, e.g. gripping a part by hand out of bulk material, orientating and putting the part in a fixture. To be able to manufacture a fuel cell stack automatically, the product has to fit certain requirements from the mechanical execution of the manufacturing steps. During this project, we have adapted the fuel cell stack design according to the process requirements of automated manufacturing, assembly, transportation, handling, image processing and testing. This is pre-cursor for the development of assembly technology and equipment system for automated manufacturing of fuel-cell stack.

As a result of task 4.2 all drawings and definition are exchanged and agreed with the relevant project partners.



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