



# FIT-4-AMANDA

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

**EUROPEAN COMMISSION**

**Horizon 2020 | FCH-01-1-2016 | Manufacturing technologies for PEMFC stack components and stacks**

**GA # 735606**

<b>Deliverable No.</b>	Fit-4-AMandA D3.3	
<b>Deliverable Title</b>	Moulded in-shape BPPs verified	
<b>Deliverable Date</b>	2020-11-30	
<b>Deliverable Type</b>	Report	



## Publishable Executive Summary

The in-shape molded PM400 V4 BPPs have been validated. The thickness of twenty flow-plates was measured on nine reference points and were found to give a plane parallelism better than  $\pm 0.025$  mm with a mean thickness variation of 0.01 mm. Six flow-plates were 3D-scanned with satisfactory results. Based on these results the BPPs were validated.

## Acknowledgment

### Project partners:

#	Partner	Partner Full Name
1	UNR	Uniresearch BV
2	PM	Proton Motor Fuel Cell GmbH
3	IRD	IRD Fuel Cells A/S
4	AU	Aumann Limbach-Oberfrohna GmbH
5	Fhg	Fraunhofer IWU, Institute for Machine tools and Forming technology
6	TUC	Technische Universitaet Chemnitz, ALF, Department of Advanced Powertrains
7	UPS	UPS Europe SA



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