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List of Acronyms and Abbreviations

Abbr.	Description
BPP	Bipolar plate
CCM	Catalytic coated membrane
CL	Catalyst layer(s)
EOL	End of Life
FC	Fuel Cell
IP	Intellectual property
MEA	Membrane Electrode Assembly
PEM	Proton Exchange membrane
GDL	Gas Diffusion Layer
RH	Relative humidity

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1. Executive Public Summary

- The stack requirements were derived from the top level requirements stated in D2.1 Deliverable “PGS system architecture and high level requirements on PGS level and the sub-system requirements”.
- The approach used was a typical V-systems engineering approach, using high level fuel cell stack requirements and using that to cascade it down to the component levels (i.e, catalyst, membrane, GDL, bipolar plate).
- As indicated in the deliverable plan, the deliverable D2.3 of the consortium BRAVA contains the fuel stack requirements broken down to the FC stack components (i.e., membrane, catalyst, ionomers, etc).
- The component requirements derived here will support and ensure that the stack targets listed in the proposal shall be achieved till the end of the project
- This document contains several assumptions made till the time for release. If new requirements happen to be considered important, they will be updated in this document after the report date to make sure the developments of the project are most up to date.



4. Acknowledgments

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Project partners:

#	Partner short name	Partner Full Name
1	A-D	AIRBUS OPERATIONS GMBH
2	A-E	AIRBUS OPERATIONS SL
3	AER	AEROSTACK GMBH
4	CNRS	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE
4.1	UM	UNIVERSITE DE MONTPELLIER
5	HER	HERAEUS DEUTSCHLAND GMBH & CO KG
6	LTS	LIEBHERR AEROSPACE TOULOUSE SAS
7	MAD	MADIT METAL S.L.
8	MOR	MORPHEUS DESIGNS S.L.
9	NLR	STICHTING KONINKLIJK NEDERLANDS LUCHT – EN RUIMTEVAARTCENTRUM
10	SOL	SOLVAY SPECIALTY POLYMERS ITALY SPA
10.1	RHOP	RHODIA OPERATIONS
10.2	RHLA	RHODIA LABORATOIRE DU FUTUR
11	TUB	TECHNISCHE UNIVERSITAT BERLIN

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