

SUNJET II overview & next steps

Jean-François PERELGRITZ (jean-francois.perelgritz@airbus.com)
Airbus Group Innovations

SUNJET: Sustainable Network for Japan-Europe aerospace research and Technology cooperation (WP 2013 - MG 1.8 - CSA)

Duration: 30 months

Coordinator: Airbus Group Innovations

Purpose: to foster the cooperation between Japan and Europe in the domain of Research and Technologies for aviation

Events:

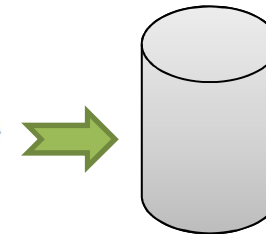
- *Europe-Japan Symposium on Electrical Technologies for the Aviation of the Future – 26-27 March 2015, EU Delegation, Tokyo*
- *SUNJET II Forum at ILA – Berlin Air Show – June 2nd, 2016*

Website: www.sunjet-project.eu

Main deliverables (MG 1.8 – 2013 – CSA): recommendations, communication, database

T_0 : March 1st,
2015

T_{end} : September 1st,
2017



Database:

- Roadmaps
- Guidance Desk
- ...



(December 2015)
March 2016

**Technical roadmaps &
Recommendations - Guidance desk**



(December 2016)
March 2017

**Technical roadmaps &
Recommendations - Guidance desk**



**Work Programme
2016-2017 (update)**

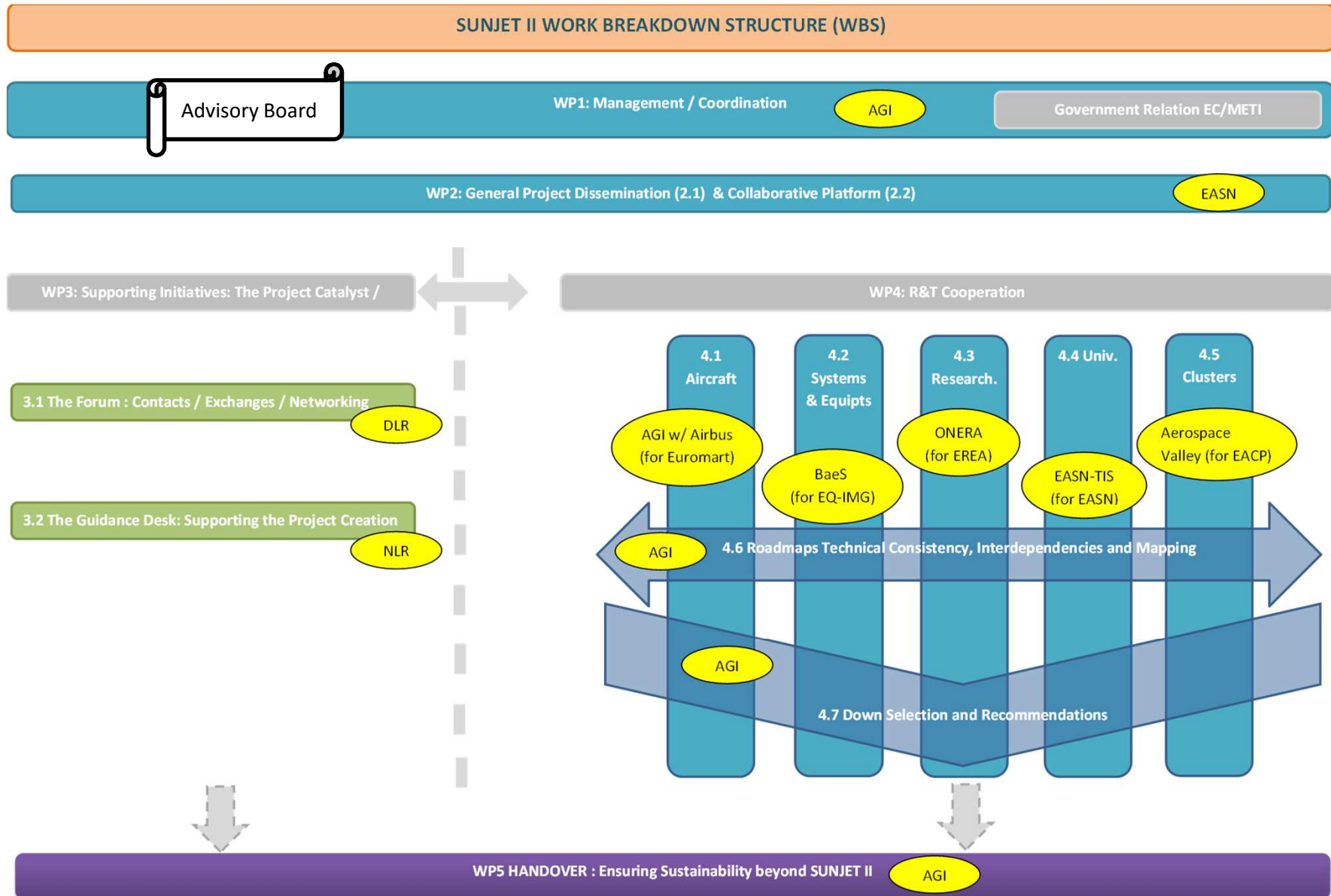


**Work Programme
2018-2019-2020**

Communication:

- Forum
- Media
- Website
- ...

WP	Europe	Japan
WP1: Management	Airbus Group Innovations – Jean-François PERELGRITZ jean-francois.perelgritz@airbus.com Guy GALLIC guygallicconseils@orange.fr	SJAC – Hiroharu ITAHARA Itahara-hiroharu@sjac.or.jp
WP2.1: Dissemination	EASN – Michael PAPADOPOULOS michael.papadopoulos@easn.net	
WP3.1: The Forum	DLR – Richard DEGENHARDT Richard.Degenhardt@dlr.de	SJAC – Hiroharu ITAHARA Itahara-hiroharu@sjac.or.jp
WP3.2: The Guidance Desk	NLR – Gosse WEDZINGA gosse.wedzinga@nlr.nl	
WP4.1: Aircraft	Airbus Group Innovations – Jean-François PERELGRITZ jean-francois.perelgritz@airbus.com	JADC – Naohiko ITO nito@jadc.or.jp
WP4.2: Systems & Equipment	Bae Systems – Nisar MIRZA nisar.mirza@baesystems.com	SJAC – Akihiro SUGITA sugita@sjac.or.jp
WP4.3: Research	ONERA – Christiane MICHAUT Christiane.Michaut@onera.fr	JAXA – Shigeya WATANABE watanabe.shigeya@jaxa.jp
WP4.4: Universities	EASN – Michael PAPADOPOULOS michael.papadopoulos@easn.net	Tokyo University – Takahira AOKI aoki@astr.t.u-tokyo.ac.jp
WP4.5: Clusters	Aerospace Valley – Thilo SCHOENFELD schoenfeld@aerospace-valley.com	C-ASTEC – Norio GOTO goto@c-astec.jp
WP 4.6: Consistency	Airbus Group Innovations – Jean-François PERELGRITZ jean-francois.perelgritz@airbus.com	SJAC – Akihiro SUGITA sugita@sjac.or.jp
WP4.7: Recommendations	Airbus Group Innovations – Jean-François PERELGRITZ jean-francois.perelgritz@airbus.com	SJAC – Akihiro SUGITA sugita@sjac.or.jp
WP5: Handover	Airbus Group Innovations – Jean-François PERELGRITZ jean-francois.perelgritz@airbus.com	



Delivery of the **first set of recommendations** to the European Commission and METI (March 31st, 2016)

Examples of selected topics

Technological roadmap	Aircraft (J)	Aircraft (EU)	Systems (EU)	Systems (J)	Research Centres (J)	Research Centres (EU)	Univ. (J)	Univ. (EU)	Clusters (EU)	Clusters (J)	Total	Relevant existing calls	Possible future actions (2018-2019)
More electric aircraft	5	4	5	5	5		4	2	3	3	36	"Fuel Cells and Hydrogen 2" JU?	"Fuel Cells and Hydrogen 2" JU?
Composites	2	1	2	2	2	3	5	5	5	5	32	MG-1.3-2017	MG, LEIT/NMBP?
Smart materials						4	2	3	4	4	17	LEIT/NMBP?	MG, LEIT, NMBP?
Piloting aids	4		4	4							12	MG-1.4-2017	MG
Noise reduction	3		3	3	1	2					12	MG-1.2-2017	MG
More flexible production		5					1		2	2	10	LEIT/NMBP?	
High speed		3				5		1			9	MG-1.4-2017	MG
Deicing					3			4	1	1	9		
ATM					4		3				7		
Cybersecurity	1	2	1	1							5	Secure Societies?	
Propulsion						1					1		

Thank you for your attention

どうもありがとうございました