JETSCREEN
https://www.jetscreen-h2020.eu/

October, 2020

Invitation for the Final Workshop: "JETSCREEN consolidated results"
on October 28, 2020 10.00-17.00 CET

Dear Stakeholder,

Over the last three and a half years the JETSCREEN consortium has worked with passion on finding answers to the question "How might we maximize the benefits and applicability of Sustainable Aviation Fuels now and in the future?"

We focused on three major objectives:

1. Development of advanced and **reliable design tools capturing accurately fuel-related effects** on airframe and aero-engine,
2. Development of a **fuel screening and optimization platform/framework,**
3. Provide technical data to explore risks and benefits of **near drop-in fuels (zero aromatic / zero sulfur fuels).**

During the JETSCREEN project we have used 31 fuels in 34 experiments to study in detail the fuel impact on a wide set of properties describing airframe and jet engine operability and performance. Results were systematically captured in databases and advanced models. Now it is time to present the consolidated results of our consortium's joint efforts.

In all participating organizations we have been active on making aviation more sustainable for some time. Thanks to the Green Deal this is now picking up more momentum. Our wish in JETSCREEN, is that the tools and insights we generated will help you in your work to maximize the impact that you, just like we do, have on mitigating climate change.

With this aim, the consortium of the H2020 project JETSCREEN (JET fuel SCREENing and optimization) gladly invites you to join us on the final project workshop about: "**JETSCREEN consolidated results**".

Yours sincerely,
the JETSCREEN consortium

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 723525

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Agenda for the Final Workshop: "JETSCREEN consolidated results" on October 28, 2020 10.00-17.00 CET

Important notice:
We will strictly follow the agenda, so if you have limited time available you can join only for the sessions that you are most interested in.

Time	Item	Speaker
10:00	Welcome	**B. Rauch** (DLR, JETSCREEN Coordinator)
10:10	JETSCREEN Overview presentation	**B. Rauch** (DLR, JETSCREEN Coordinator)
11:00	Physical and chemical properties (WP2)	**M. Fortunato** (IFPEN)
11:30	Fit-For-Purpose Properties (WP3) (Fuel impact on thermal and storage stability, water dissolution)	**S. Blakey** (University of Sheffield)
12:00	Generic component testing and modeling (WP4) (Fuel impact on seals, fuel preparation)	**M. Sicard** (ONERA)
12:30	**Lunch Break**	
13:30	Aircraft fuel system (WP5) (Fuel impact on gauging, pump endurance, …)	**G. Howe** (AIRBUS)
14:00	Jet Engine Operability (WP6) (Fuel impact on LBO, high altitude relight, combustion stability)	**J.B. May-Carle** (SAFRAN Tech)
14:30	Jet Engine Emissions (WP7) (Fuel impact on Soot and NOx)	**WP7 team**
15:00	**Coffee break**	
15:30	Fuel Screening and Optimization (WP8) (Digital Platform, Database, Fuel Screening, Fuel Optimization)	**B. Rauch** (DLR)
16:00	Impact and Potential Analysis (WP9) (Zero Aromatic Fuel Impact, Smart Sensors, …)	**G. Howe** (AIRBUS)
16:30	Breakout Sessions	**Per WP with WP experts**
16:50	Wrap-Up and What's Next	**B. Rauch** (DLR, JETSCREEN Coordinator
17:00	**Workshop End**	

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