

## Forum Ariane Lampoldshausen at the ILA Berlin Air Show June 2016

The Forum Ariane Lampoldshausen has taken on this year's presidency of the Community of Ariane Cities (CVA), under the direction of mayor Harry Brunnet. As a result it showcased its activities at the ILA Berlin Air Show, the international aerospace fair, while also lobbying to attract support for the Lampoldshausen space centre. The following is a short report by mayor Brunnet.

### Exhibition at ILA

In the Forum Luft- und Raumfahrt (LRBW) part of the Baden-Württemberg community stand at ILA, the activities and aims of the CVA were presented with a special emphasis on the Lampoldshausen space centre. Particularly eye-catching was a model of the Ariane 5 launcher, provided by the DLR School Lab. All in all, the Lampoldshausen space centre featured strongly at ILA.



Inside the official Space Pavilion "Space for Earth", a fully assembled Vulcain engine was shown alongside a mock-up of Ariane 6, whose upper stage engines will be tested at the DLR site in Lampoldshausen in the future.

The decision taken by ESA's Council at ministerial level in December 2014 in Luxembourg was instrumental in making this a reality.

The upper stage engines of Ariane 6 will use cryogenic liquid oxygen and hydrogen propulsion, constituting a development of the tried-and-tested Vulcain and Vinci engines.



Mayor Brunnet in front of a Vulcain engine and an Ariane 6 mock-up

At ILA, the Chair of the DLR Executive Board, Pascale Ehrenfreund, and the ESA Director General, Johann-Dietrich Wörner, signed a contract for the development and construction of the P5.2 test rig for the Ariane launcher programme.



*Pascale Ehrenfreund, Stefan Schlechtriem, Johann-Dietrich Wörner*

The P 5.2 test rig, whose basic structure is largely completed, will be a major extension of the test facilities available at the DLR Lampoldshausen Institute of Space Propulsion. Director Stefan Schlechtriem was pleased to declare: "In addition to engines and their components, we will be able to use it to test complete upper stages in the future. This capability is unique in Europe."

### **Space-themed Reception at the Baden-Württemberg Federal State Offices**

Together with the state government, the Forum Ariane Lampoldshausen and CVA President Harry Brunnet organised a space-themed reception entitled "*Gestatten, Raumfahrt aktuell!!*" at the Baden-Württemberg federal state offices in Berlin.



The full title for this special event was: **Space in Europe, Germany, Baden-Württemberg and Lampoldshausen**

The aim was to gain new collaborators, to keep Germany's contribution to European space projects stable and to possibly even increase it. In addition, the intention was to underline the key role of the Community of Ariane Cities in fostering partnerships for Europe's space activities, and, finally, to highlight the significance of the Lampoldshausen space centre. These aims, it can confidently be asserted, were roundly achieved.

Taking part in the reception were important figures from Berlin's political world, but also representatives of various associations and institutions, and notably many key decision-makers on European space activities.

These included ESA Director General Johann-Dietrich Wörner, Chair of the DLR Executive Board Pascale Ehrenfreund, CEO of the newly established space firm Airbus Safran Launchers GmbH (ASL) Pierre Godart, CEO of launch service operator Arianespace Stéphane Israël, Chair of the Forum Luft- und Raumfahrt Baden-Württemberg (LRBW) Rolf-Jürgen Ahlers, Director of the DLR Lampoldshausen Institute of Space Propulsion Stefan Schlechtriem and Airbus DS Lampoldshausen site manager Josef Köcher.



*Stefan Schlechtriem, Harry Brunnet, Rolf-Jürgen Ahlers, Josef Köcher, Claus-Peter Clostermeyer*

All the speakers emphasised the importance of cooperation when it comes to joint European space programmes, as well as the special significance of the Lampoldshausen space centre for the space programmes of the future.



Alongside this space-themed reception, there was a small space exhibition with exhibits from DLR and Airbus DS Lampoldshausen



Overall this successful event achieved to win new allies and supporters with a view to focusing the attention of key decision-makers on the special importance of the Lampoldshausen space centre and its future.

As everyone knows, as soon as one reception ends, it is time to prepare for the next one. The next event of this kind, organised in the run-up to the ESA Council at ministerial level in December in Lucerne, will be the 3<sup>rd</sup> European Space Technology Transfer Forum (ESTTF), to be held on 17–18 October 2016 at the Baden-Württemberg federal state offices in Brussels.

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