Ariane 6 becoming a reality

At the European spaceport in Kourou French Guiana preliminary work to the Ariane 6 launchpad is making great progress and shows that Ariane 6 is transforming from a project on paper to a reality. The Ariane 6 is currently being developed by ESA and European industry following a the decision taken at the ESA Council meeting at Ministerial level in December 2014< With Araine 6 Europe aims to maintain its leadership in the fast-changing commercial launch service market, as well as responding to the needs of European institutional missions. The overarching aim of Ariane 6 is to provide guaranteed access to space for Europe at a competitive price without requiring public sector support for exploitation. Soon, at the ESA ministerial in September the member states are expected to give the definitive go ahead for he development of Araine 6

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| 10:00:00 | ESA leader |
| 10:00:10 | Title: Ariane 6 becoming a reality |
| 10:00:10   * EXT. Arial vieuws of new Ariane 6 launchpad with other launchpads in background – Arianespace, Kourou, French-Guiana – Spring 2016 - ESA * EXT. Groundwork being done at the new Ariane 6 launchpad - Arianespace, Kourou, French-Guiana – summer and Autumn 2015- ESA | Kourou French-Guyana… just a few kilometres away from the Ariane 5 and Vega launch pads, the footprint of the future Ariane 6 launch zone is clearly visible. In the Guyanese forest along the Atlantic coast one can track the shape and the progression of the work that has already been done. It is an indication that Ariane 6 is now more than a project. It is becoming a reality.  The decision to develop and build this new-generation launcher was taken at the ESA Council Ministerial conference in 2014 and now things are moving forward at the European spaceport. |
| 10:00:44   * INT. Bluekey – 01/06/2016 –ESA * Background – Ariane 6 artist impression David Ducros – ESA | **GAELE WINTERS – Director of Launchers, ESA**  We don’t wait for all the decisions to be taken, we have to work! You know that one of the ambition of this programme is to have the launcher Ariane 6 available in 2020, which is only a few years, so we have to complete and develop the programme to be ready for the first launch in 2020”. |
| 10:01:01   * Animations of Ariane 6 – ESA * Stills of Ariane 6 design and lay-out – Unknown date –ESA * EXT. Vega Launcher on platform – 03/12/2015 - ESA | Ariane 6 will be a three-stage launcher. The first stage will be using strap-on boosters based on solid propulsion while the second and third stage will be using cryogenic liquid oxygen and hydrogen propulsion.  The modular architecture of Ariane 6 offers ESA the option to use two or four boosters, depending on the required performance. These boosters will be of the same type as used on the Vega C, an evolution of the current Vega launcher. |
| 10:01:28   * INT. Bluekey – 01/06/2016 –ESA * Background – Ariane 6 artist impression David Ducros – ESA | **GAELE WINTERS – Director of Launchers, ESA**  Ariane 6 will reduce the costs of the launchers by 50% compared to today so you have to realise that in just 4 years we are reducing by 50% and that is of course a major step and if you think of Ariane 6 in a double launch configuration we are able to offer a price which is really attractive also in comparison with the competition |
| 10:01:54   * Animations of Ariane 6 –ESA | The Ariane 6 launcher should allow Europe to prepare for the future and maintain its leadership in the fast-changing commercial launch service market. Meanwhile Ariane 6 also offers a response to the needs of institutional European missions. ESA and the industry share the responsibility, costs and risks associated with the Ariane 6 programme. The intention is to provide guaranteed access to space for Europe at a competitive price, but this time without requiring public sector support for exploitation.. |
| 10:02:25   * INT. Bluekey – 01/06/2016 –ESA * Background – Ariane 6 artist impression David Ducros – ESA | **GAELE WINTERS – Director of Launchers, ESA**  Our objective to have in Europe an independent access to space is a key political item, it’s a political objective. It’s very clear that this is number one of all the list of objectives that you can see when you speak with our Ministers but to achieve that objective and to do it against the acceptable conditions you also need a commercial market and that’s why we combine the two things. |
| 10:02:55   * EXT. Groundwork being done at the new Ariane 6 launchpad - Arianespace, Kourou, French-Guiana – summer and Autumn 2015- ESA * Animation of Ariane 6 – ESA | This summer will be a busy time at ESA and in the industry as the finalisation of the first step of the programme is well under way, with preliminary launcher designs and the procurement of the infrastructure. In September ESA will report back to its member States for the final decision on continuing with Ariane 6. |
| 10:03:12 | **BROLL** |
| * INT. Bluekey – 01/06/2016 –ESA * Background – Ariane 6 artist impression David Ducros – ESA | **Interview Gaele Winters – Director of launchers, ESA – English – filled Blue-key**  **-** Industry is working with the sub-contractors to really develop Ariane 6. So everything is in full steam and we have just received a proposal from the industry for the finalisation of what we call step 2, so the finalisation of the complete programme before 2020.  - So we are now investigating the proposal of the industry and to see if it is a technical and programmatic acceptable proposal and then we have still a number of issues that we have to solve also on the future exploitation of the launchers to be sure all the conditions are met that the Ministers have put forward at the Ministerial Council in 2014.. and then we report to our Member States in September for a final decision to go ahead for the next step.”  - The situation that we will have with Ariane 6 and Vega C will be exactly the same in terms of what we can launch as we have today with Vega, Ariane 5 and Soyuz: we can launch every satellite with these launchers in the future.  - It is clear that the international competition is getting more and more intense specially with the American side, we can see that there is a systematic -let me say- aggressive approach of the market to gain market share by American suppliers of launchers but that’s the reason why we make Ariane 6 by the way..” |
| 10:05:29 | **Interview Gaele Winters – Director of launchers, ESA – English – clean Blue-key** |
| 10:07:45 | Arial shots of future Ariane 6 Launchpad – Arianespace, Kourou, French Guiana – Spring 2016 - ESA |
| 10:08:54 | Construction of future Ariane 6 launchpad - Arianespace, Kourou, French Guiana – Summer and Autumn 2015 - ESA |
| 10:11:54 | Ariane 6 Stills and Artwork – unknown date ESA |
| 10:12:23 | Ariane 6 Animations – unknown date –ESA |
| 10:13:54 | END |