**Space 19+ Europe’s Ambitious plan for space (2.12.19)**

**WEBCOPY**

ESA member states have endorsed the most ambitious plan to date for the future of the European space sector.

ESA’s two-day Council at Ministerial Level, Space 19+, in Seville Spain, brought together ministers with responsibility for space activities in Europe. It was also attended by government representatives from Canada and observers from the EU.

Ministers backed missions to monitor global carbon dioxide levels, supported a significant increase in space science funding and agreed to fund programmes for new launcher systems, Moon and Mars exploration and next generation satellite communication systems.

The meeting also decided to extend the life of the international space station to 2030 and support missions protecting Earth from dangerous solar flares and asteroids.

**A-ROLL**

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| **Picture** | **Script** |
| 10:00:10  Earth from space  Connecting Earth  Solar flares  Earth from the Moon | Earth is at the heart of ESA’s ambitious Space 19+ programme – from monitoring the effects of climate change…  …to improving connectivity…  …protecting our planet from risks such as solar flares and asteroids…  …to understanding our place in the universe… |
| 10:00:19  GVs of Seville into GVs of ministers in Seville | Meeting in Seville, Ministers have agreed to ESA’s largest ever budget – endorsing almost all the programmes and missions put before them…worth some 14.4 billion Euros over the next five years. |
| 10:00:44  Jan Worner, Director General, ESA | *I'm really, really surprised about some of the big supports we got. I was expecting that we’d get support because we were working for the programme for more than two years, one has to imagine. But the overall climate, the overall atmosphere was so positive towards ESA. I'm really happy that we have ESA and that we have the member states supporting this excellent European space agency.* |

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| 10:01:08  Co2 emissions  10:01:20  Sentinel in space animations | One of the key commitments is backing for new satellites to provide real-time data of carbon dioxide emissions…vital information to monitor and combat climate change.  The missions – jointly supported by the European Commission – will form part of the next generation of Copernicus, the largest Earth Observation programme in the world. |
| 10:01:30  HERA animations | Ministers also supported efforts to protect the Earth from hazards from space – including an asteroid strike.  The HERA mission will investigate the effects of an impact by NASA’s DART mission, obtaining critical science data and determining if deflection is a robust and reliable planetary defence technique. This has never been done before. |
| 10:01:54  Lisa animations into black hole mergers animations | For the first time in 25 years, ESA’s science programme has also received a significant boost in funding. This means the go-ahead for LISA – the first gravitational wave detector in space – and a new x-ray observatory, Athena.  Together, the missions will observe mergers of super massive black holes, telling us more about how these monsters alter time and space. |

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| 10:02:21  ISS exterior (only a few seconds)  <http://www.esa.int/esatv/Videos/2017/01/Thomas_Pesquet_-_EVA_preparations/A-Roll_without_logo_and_titles_audio_split>  10:02:30  and astronauts in the ISS – ideally with Parmitano  10:02:43  Orion  <http://www.esa.int/esatv/Videos/2019/04/Orion_and_European_Service_Module/Orion_and_European_Service_Module>  10:02:50  and Gateway animations  <http://www.esa.int/esatv/Videos/2019/05/Gateway_and_Orion> | 2020 will mark the 20th anniversary of the continuous occupation of the International Space Station, currently commanded by ESA astronaut Luca Parmitano.  ESA Ministers have committed to fund the ISS until 2030, while working with international partners to support efforts to return to the Moon.  ESA will build propulsion modules for the Orion spacecraft and develop habitation modules for a new lunar space station, known as Gateway.  All ESA’s 2009 class of astronauts will fly for a second time…some maybe to the Moon. |

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| 10:03:00  ExoMars rover in clean room and/or animation  <http://www.esa.int/esatv/Videos/2019/10/ExoMars_progress_update> | Meanwhile, with the ExoMars rover due to launch to Mars in 2020, ESA is already looking ahead to a new rover – designed to collect samples – and a system to return them to Earth. |
| 10:03:14  Vega C test  <http://www.esa.int/esatv/Videos/2019/02/P120C_second_firing_test/A-Roll_without_logo_and_titles_audio_split>  10:03:21  Into Ariane 6 animation  <http://www.esa.int/esatv/Videos/2019/11/Space19_An_independent_access_to_space_for_Europe/Ariane_6_animation_full_length_November_2019_ESA>  10:03:27  …and Space Rider animation  <http://www.esa.int/esatv/Videos/2019/11/Space19_An_independent_access_to_space_for_Europe/Space_Rider_Animation_2019_ESA> | The coming months will also mark the maiden flight of Vega C…  Along with Ariane 6, these next-generation launchers have been given the green light by ESA Ministers…who also backed Space Rider – a reusable robotic spaceship. |

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| 10:03:33  Street GVs  10:03:43  5G animations  Laser animations  Sat Nav animations <http://www.esa.int/esatv/Videos/2018/07/Completing_the_constellation/Galileo_360_fly_around_Animation_ESA> | But for most people, it’ll be the decisions made about the hidden benefits of space, that will have the most impact…  New satellite communications technologies will be fully integrated with 5G terrestrial systems…  …ESA will continue to develop laser communications systems in space…  …and new satellite navigation technologies… |
| 10:03:54  Jan Worner, Director General, ESA | *We have an increase in all our programmes, whether it's science, whether it's applications enabling and support, but also space safety. So therefore, we have big numbers now for the future. Now it's for us, for ESA for the executive, for the staff and contractors to realise that trust and to justify the trust the member states gave us today.* |
| 10:04:14  Europe from ISS | Together, these programmes add up to a significant endorsement for ESA…and the realisation of united space in Europe. |

**B-ROLL**

**10:04:28**

Seville Ministerial Conference GVs

**10:06:49**

Jan Wörner, Director General (English)

*So, we are now at the end of this Space 19+ Minisiterial Conference and I must say*

*I'm really, really surprised about some of the big supports we got. I was expecting that we’d get support because we were working for the program for more than two years, one has to imagine. But the overall climate, the overall atmosphere was so positive towards ESA. I'm really happy that we have ESA and that we have the member states supporting this excellent European space agency.*

*If you look into what happened today here, and yesterday, we were discussing about European space projects and these space projects are not defined by a director general or by whomever, they are decided by the joint activities of the different member states. So the words ‘united space in Europe’ which I was always using the last years is reality, it’s reality all our programmes, our European programmes, are really showing that we are uniting in space – united space in Europe.*

*So we have Space 19+ is coming of course with numbers, numbers for the mandatory programme, numbers for what we call the optional programmes. Both are really at a level where I’d like to have them so we have an increase in science, we have an increase in all our programs, whether it's science, whether it's applications enabling and support, but also space safety. So therefore, we have big numbers now for the future. Now it's for us, for ESA for the executive, for the staff and contractors to realise that trust and to justify the trust the member states gave us today.*

**10:08:38**

Pedro Duque, Spanish Minister of Science, Innovation and Universities (Spanish)

**10:10:56**

Manuel Heitor, ESA Ministerial Conference Co-Chair (Portuguese)

**10:13:15**

Frédérique Vidal, ESA Ministerial Conference Co-Chair (French)

**[ENDS]**