**Space 19+ 2: Connecting Everyone, Everywhere**

The ESA Council at Ministerial level, Space 19+, will take place on 27 and 28 November in Sevilla, Spain.

Ministers from the ESA Member States will gather to discuss future space activities for Europe and the budget of Europe’s space agency for the next three years.

ESA is seeking an increase in funding for the mandatory programme supported by all Member States, and for an ambitious portfolio of optional programmes. These are structured along four main pillars: science and exploration, space safety and security, applications and enabling and support activities.

The proposals carry an overarching motto of Inspiration, Competitiveness and Responsibility.

This video explores how the combination of new space communications technologies and 5G systems have the potential to connect the world, everyone and everywhere, as never before.

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| **Pictures** | **Script** |
| **10:00:10**  People in the streets on phones (ESA) | Over the past few decades communications have changed at an astonishing rate…and the world is becoming ever more connected. |
| **10:00:20**  Communications satellite (Alphasat) animations (ESA)  Ground station and control room shots from:  <https://www.esa.int/esatv/Videos/2014/06/No_satellites_no_world_audience>  (ESA) | Satellites form a crucial part of the global communications infrastructure…providing us with phone, broadband and TV services.  Thanks to satellites, no place on the planet is out of reach.  The next generation of wireless communications – 5G – provides the opportunity to seamlessly integrate the advantages of new terrestrial and space technologies.  In partnership with industry, ESA is at the forefront of efforts to develop future communications services. |

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| **10:00:53**  EDRS-C launch (ESA/Arianespace)  EDRS-C clean room shots (ESA/Airbus Defence and Space)  Into EDRS-C animations explaining the system (ESA) | Launched on a European Ariane 5 rocket in August 2019, EDRS-C is the second satellite in ESA’s European Data Relay System laser communications network.  Developed in a public-private partnership between ESA and Airbus Defence and Space, the satellite relays data from satellites in lower orbits to receivers on the ground.  Using light is faster and can carry more information than radio frequencies…EDRS operates at a staggering 1.8 gigabits per second. |
| **10:01:34**  EDRS-C animations (ESA)  GVs of traffic, people etc in London (ESA) | As the world becomes more connected, ESA is also working to develop new satellite communications systems that are resilient and where the data transmitted is secure.  This is increasingly important to support the digital modernisation of many sectors of the European economy, including transport, energy, finance and health. |
| **10:01:57**  5G animations (ESA) from  https://www.esa.int/ESA\_Multimedia/Videos/2018/05/Satellite\_for\_5G | The combination of new space communications technologies and 5G systems has the potential to connect the world…everyone, everywhere…as never before. |

**B-ROLL**

**10:02:17**

**Street GVs**

Various shots of people on phones and city streets – filmed in London Nov 19 (ESA)

**10:03:59**

**Alphasat animations**

Animation of the European Alphasat communications satellite deployment (ESA)

**10:06:24**

**EDRS-C in clean room**

Filmed at Airbus Defence and Space, Ottorunn, March 2019 (ESA/Airbus)

**10:07:31**

**EDRS-C launch**

Launch on 6 August 2019 (ESA/Arianesapce)

**10:08:37**

**EDRS-C animations**

Animations of the EDRS-C system, illustrating how it works and applications (ESA)

10:13:04:00

**[Ends]**