Key words: Paranal, La Silla, Alma, European Extremely Large Telescope

ESOcast Episode 89: Chile Chill 8 – "A Bird's Eye View of ESO Observatories"	
00:00 **[Visual starts]** **ESOcast intro** 1. This is the ESOcast! Cutting-edge science and life behind the scenes at ESO, the European Southern Observatory.	**00:00** ESOcast introduction
00:35 2. ESO's facilities in Chile are very photogenic. But almost all pictures and videos of them have been taken from the ground.	ESO facilities in Chile, timelapses
00:44 3. This time, however, we have spectacular aerial views, which offer a surprising new perspective.	
01:06 4**.** The Very Large Telescope at Paranal is a true jewel on the mountaintop.	Aerial views of the Paranal observatory
01:20 5. Located some 12 kilometres inland from the Pacific coast of northern Chile, it's an astronomer's nirvana.	
01:42 6. Lasers shoot skywards to make artificial stars — to help astronomers to create even sharper images.	

02:31 7. Not far away from Paranal, Cerro Armazones will be the home of the European Extremely Large Telescope.	Aerial views of Cerro Armazones
02:49 8. The summit has a platform large enough to house the giant 39-metre telescope.	
03:27 9. La Silla was ESO's first observatory in Chile.	Aerial views of La Silla
03:40 10. It operates two of the most productive 4-metre-class telescopes in the world.	
04:12 11. The tried-and-tested infrastructure of La Silla is also used by ESO Member States to run projects at their own facilities.	
05:02 12. You are now about to reach, quite literally, breathtaking heights.	
05:10 13. The spectacular Chajnantor plateau, at an altitude of 5000 metres, is "nature's gift" to astronomers searching for thin, dry air.	Aerial views of Chajnantor plateau and ALMA
05:20 14. Here, ALMA, the Atacama Large Millimeter/submillimeter Array can achieve its full observational potential.	
05:35 15. ALMA is the largest ground-based astronomical project in existence.	

06:20 16. As night falls, the beautiful Chilean night sky becomes the star of the show.	Night timelapses
06:30 17. And astronomers can observe the heavens, hoping to unravel some of the secrets of the Universe...	
06:38 **[Outro]**	ESOcast is produced by ESO, the European Southern Observatory. *ESO builds and operates a suite of the world's most advanced ground-based astronomical telescopes.*