

Construction of the Extremely Large Telescope and its instrument suite

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This presentation shows the status of the construction of the Extremely Large Telescope. It addresses both the infrastructure (telescope and building), as well as the instrument suite.

Images and graphics show the assembly status of the Dome and Main Structure on site in Chile, and the development of the mirrors and optomechanical control systems. Key figures are presented. Contracts involving companies and institutes in The Netherlands are highlighted.

The development of the instrument suite is addressed. Several instruments have made the transition from design to manufacturing: HARMONI, MICADO, METIS. Other instruments just started Phase B: concept development / preliminary design: ANDES, MOSAIC. Key capabilities and performances are highlighted.

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