



**Atacama
Large
Millimeter
Array**

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ALMA Biannual Progress Report

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ALMA Project

Financial Status

- European 2002 Contributions
 - Phase 1 expenditures
 - $45.3 \text{ staff-yr} + 6.5 \text{ M€}_{2002} = 10.7 \text{ M€}_{2002} (10.0 \text{ M\$}_{2000})$
 - Fulfills Phase 1 Memorandum of Understanding
 - 33 M€ total Phase 1 in Europe matches 32 M\$ total in North America
 - Phase 2 expenditures
 - Joint ALMA Office = $276 \text{ k €}_{2002} (259 \text{ k\$}_{2000})$
- 2003 Budget
 - $13.9 \text{ M€}_{2003} (12.9 \text{ M\$}_{2000})$ corresponds to Project Plan



ALMA Project

Technical Status

(Updates)

- Site - design of roads and AOS facilities underway. Waiting for site access.
- Antenna
 - successful holography of VertexRSI reflector by AEG
 - Alcatel/EIE mount in assembly at ATF and major CFRP reflector elements to ship by air on 15 May
- Correlator - expect European involvement in *enhanced* baseline correlator, if approved
- Computing - successful PDR