

ALMA Science

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John Hibbard - 2023-04-14 - ALMA Observing Tool (OT)

After setting up your science goal sensitivity requirements, you can see how much time is assumed for calibration by pressing the "Planning and Time Estimate" button on the "Control and Performance" page of the Science Goal. It will display the time on the science target as well as each of the relevant calibration sources for the most extended configuration required (12- or 7-m array). If additionally more compact arrays are also required, a detailed breakdown of the calibration and overheads is not given.

To see the total estimated time for the proposal, including all science goals and calibration overheads, use the Project Time Summary tool in the OT. This is most conveniently accessed from the OT's toolbar (clock icon) but is also available from the Tool menu and by right-clicking in the Project Tree.

The screenshot shows the ALMA Observing Tool (OT) interface. The 'Project Structure' panel on the left shows a tree view with 'ScienceGoal (Science Goal)' selected. A context menu is open over the 'ScienceGoal' node, with 'Display Project Time Summary' highlighted. The main panel shows the 'Control and Performance' page for the Science Goal. The 'Configuration Information' section includes fields for 'Antenna Beamsize', 'Number of Antennas', and 'ACA 7m configuration'. The 'Science Goal Breakdown' section includes a 'Planning and Time Estimate' button, which is highlighted by a red arrow. The 'Override OT's sensitivity-based time estimate' section has 'No' selected. The 'Simultaneous 12-m and ACA observations' section has 'No' selected. The 'Are the observations time-constrained?' section has 'No' selected.