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CLIC pre-alignment strategy: final proposal and associated results

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A Project Implementation Plan for the Compact Linear Collider (CLIC) is under preparation for consideration by the European Strategy Update process. The document will integrate all changes and improvements since the Conceptual Design Report submitted in 2012. One of the technical challenges covered is the pre-alignment of CLIC. This paper presents the final strategy chosen, and more particularly the configuration of alignment sensors defined following the results obtained on different test setups. It proposes two methods for the fiducialisation of the components, based on the results obtained in the PACMAN *project combined with R&D on an adjustment platform*. *The paper concludes by an estimation of the budget of error for the pre-alignment stage.* PACMAN is a study of Particle Accelerator Components' Metrology and Alignment to the Nanometer scale.

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