

**New Design Issues of the Excyt Project,**

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project is devoted to the production and the acceleration of secondary beams up to 8 MeV/n. The project has been funded in 1995 and the most of the main design issues has been defined. The K-800 superconducting cyclotron which should give the primary beams is now operational. We will present also a brief description of the axial injection, of the transfer beam line to send the primary beams onto the target and of the target-ion source unit. Particular emphasis will be put on the design of the mass separator, designed to obtain a mass resolution of 20,000, which has been designed to be compatible with the existing equipment and with the requirements of safety and of remote handling.