

# Positron Injector layout

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# QWT plan

- Improve the collection at the exit of the QWT @ zero-crossing or at the Accelerating and decelerating phase.
- Optimization of the warm linac (Number of cell, commun or individual phase, RF frequency)
- Tracking of the 60 MeV positron
- What combination of B1 and B2?
- Central momentum at the exit of the QWT will set the configuration of the dipoles (chicane)  $B\rho = \frac{P_{QWT}}{c}$

