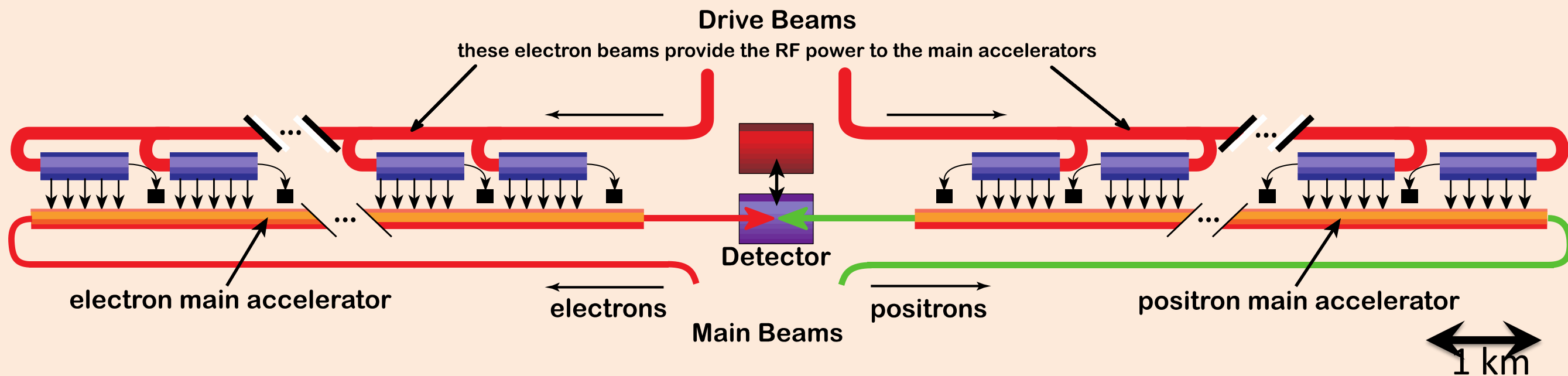


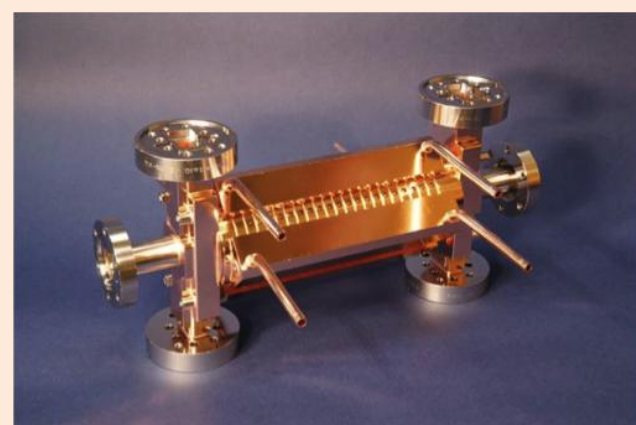
CLIC Drive beam scheme

The CLIC main beam is accelerated by radio-frequency (RF) waves that are generated by a powerful electron beam (Drive beam) that runs parallel to the main beam.

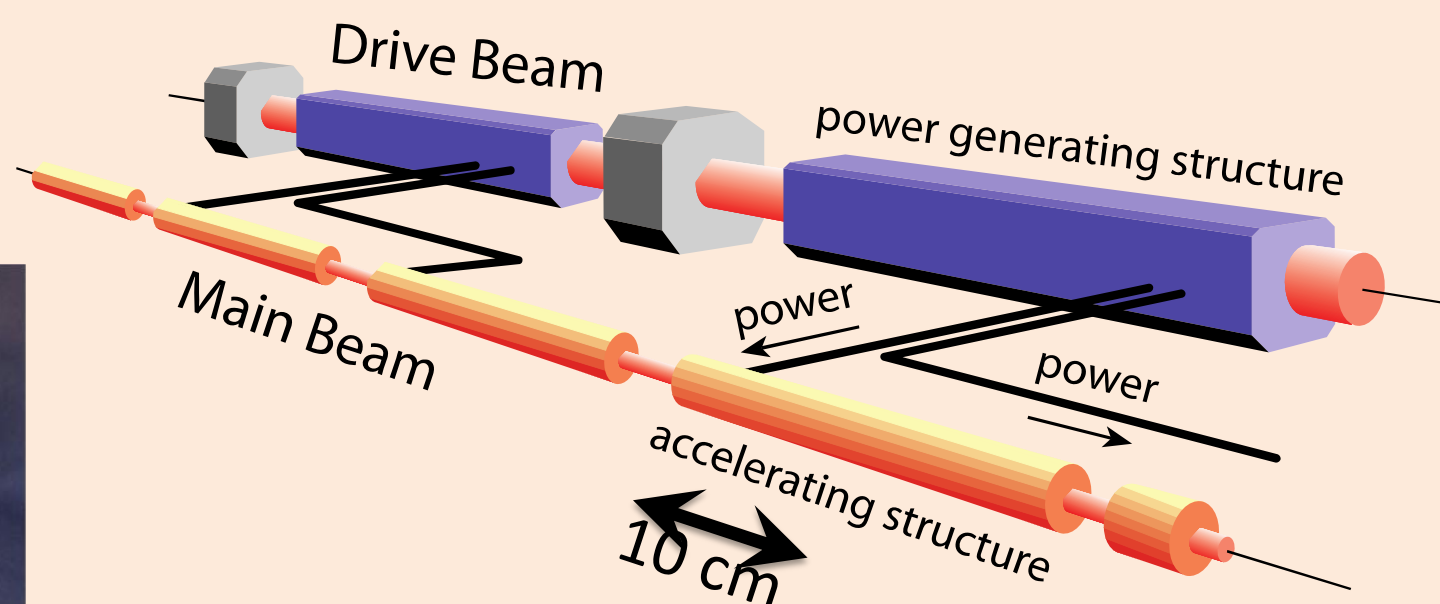


Two-beam principle

The Drive beam traverses power generating structures where it produces the radio-frequency (RF) waves. These RF waves accelerate the main beam in the accelerating structures.



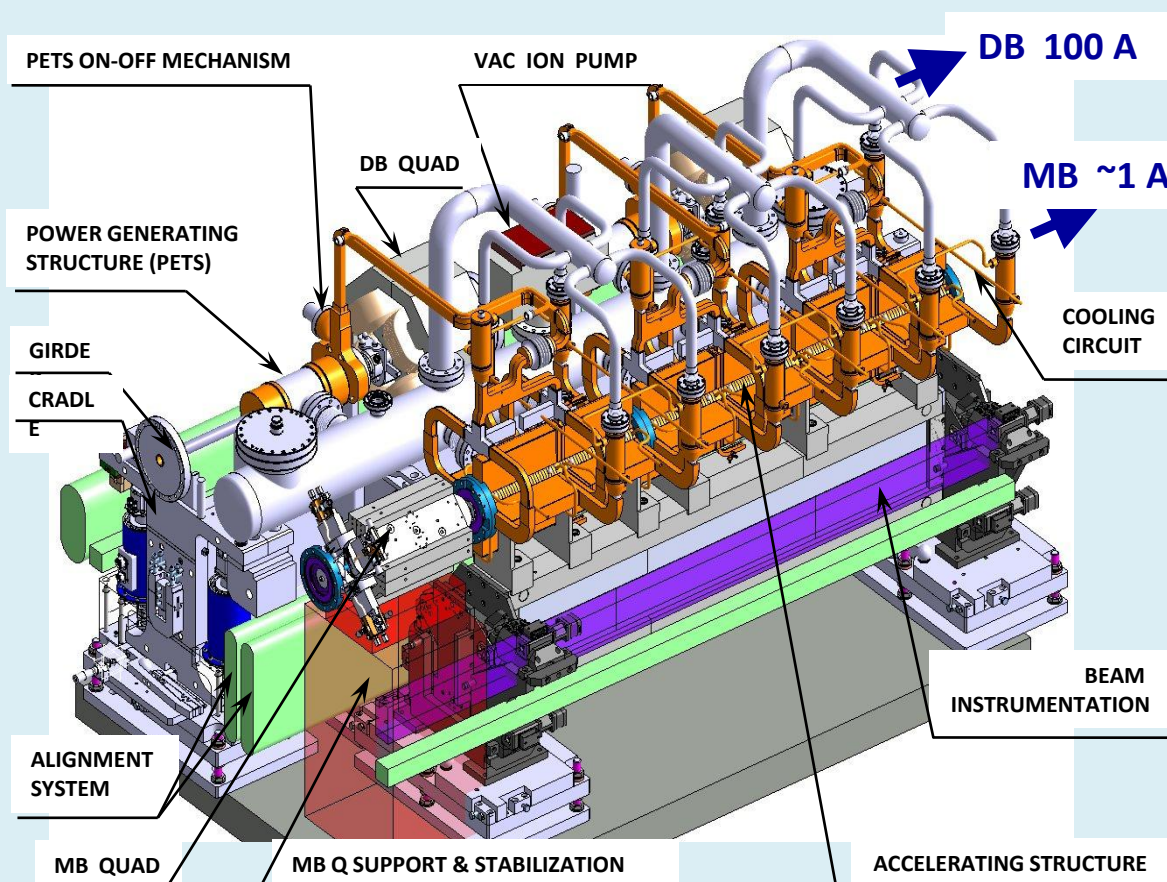
CLIC accelerating structure



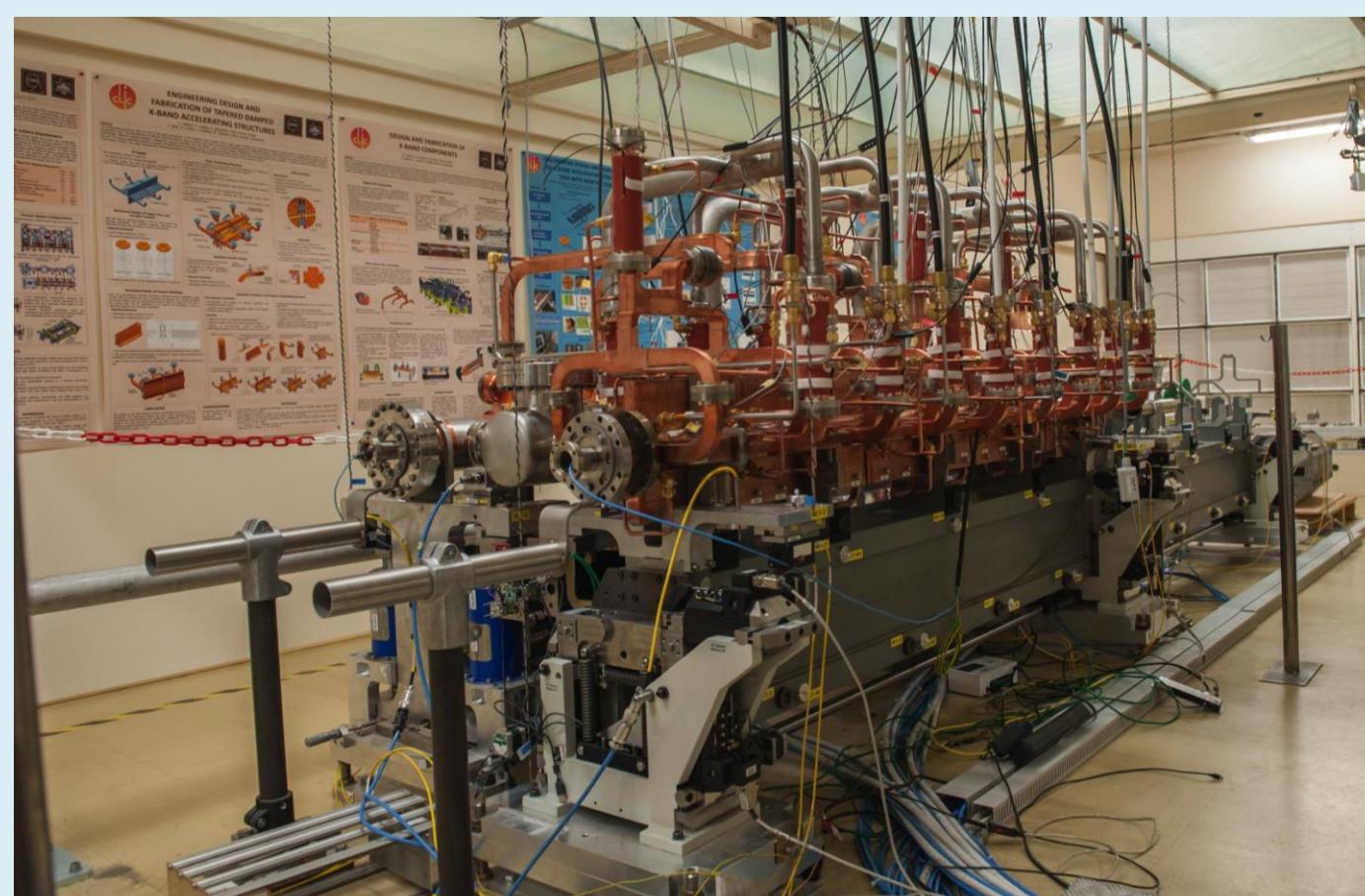
Power generating structure

Two-beam modules

The structures are arranged in 2 meter long modules that contain also magnets and all necessary equipment for vacuum, alignment, RF and beam measurements.



Two-beam module layout



Two-beam module prototype