

FOR EACH SUBSYSTEM

- Requirements
 - From **physics**
 - **Radiation hardness**
 - Expected **data rates**
- Justification
 - Device **concept and justification** for the technological choice
 - **Description**
 - General device description
 - Sensors
 - FEE (for rates with reference to a global table in electronics/DAQ section)
 - Other components (f.i.: radiators in calorimetry and in Cherenkov devices, ...)
 - **Performance** from available input (lab studies, test beam, prototyping, simulation studies)
- Implementation
 - **Services** (cooling, gas system, sensor power supply, FEE power supply, ...)
 - Subdetector **mechanics and integration**
 - **Calibration, alignment and monitoring** strategy and tools
 - **Status and remaining design effort**
 - R&D up to here (and missing, if any); E&D status and outlook
 - Other work needed for design completion
 - Status of maturity (with reference to next slide)
 - **ES&H** (Environmental, Safety & Health) aspects and **QA** (Quality Assessment) planning
 - **Construction planning**
 - **Collaborators** (=Institutions) and their role, resources and workforce
 - **Risks and mitigation strategy**