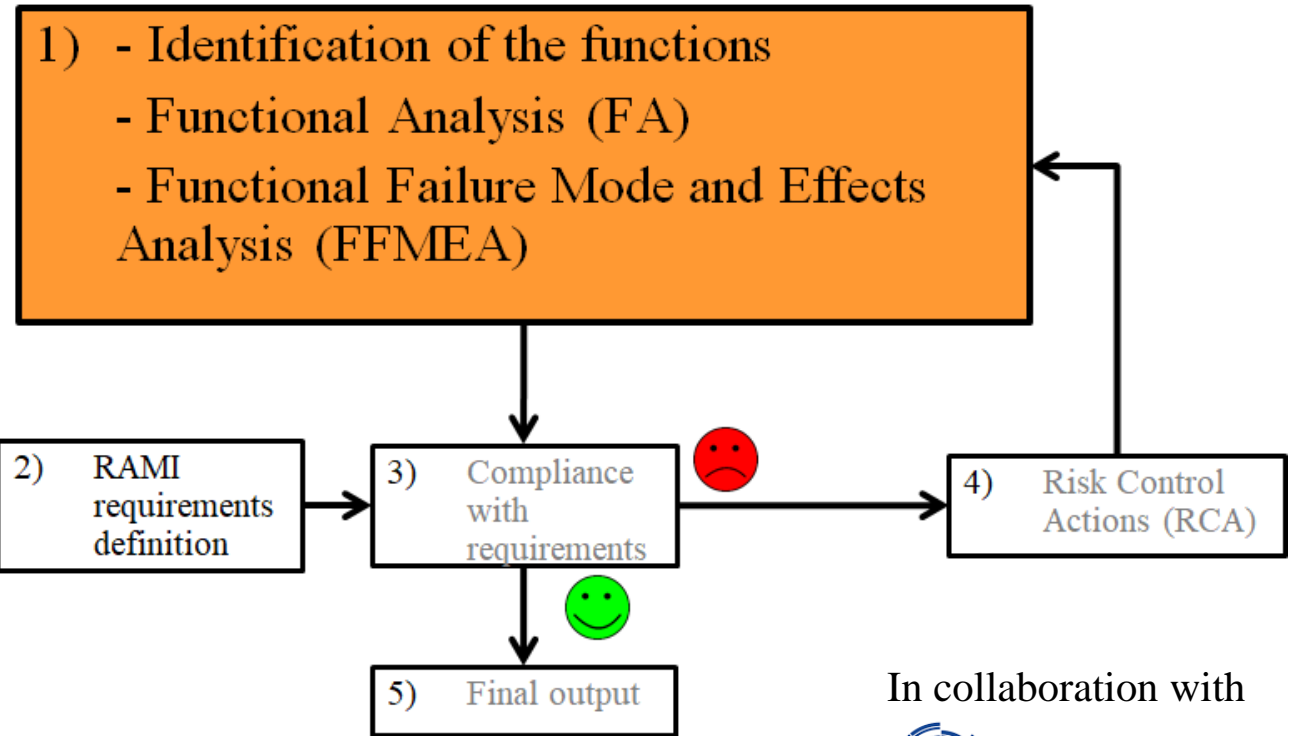


Reliability, Availability, Maintainability and Inspectability (RAMI) analysis

- Problem: EU DEMO aims also at demonstrating high availability factors and economical feasibility
- Aim of the work: for the EU DEMO Magnets and Protection system, perform
 1. Functional Analysis (FA)
 2. FFMEA for the operating condition into consideration
- Prerequisites: general knowledge of the magnet system of a tokamak



Process function	Associated safety / protection function	PBS components	Failure	Cause	Failure consequence	Detection	Prevention action	Mitigation action

How can the failure be (easily) detected?

Affecting the design phase

In collaboration with

