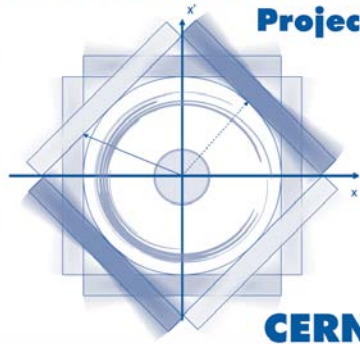


**LHC Collimation  
Project**



**Cryo-Collimators: EN-MME  
proposal for engineering pre-  
study**

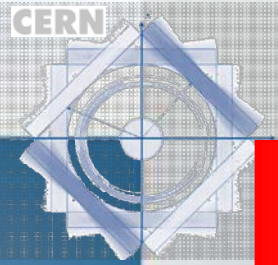
LHC Collimation

Phase II

113<sup>th</sup> CWG

15<sup>th</sup> March, 2010

Alessandro Dallocchio  
Alessandro Bertarelli

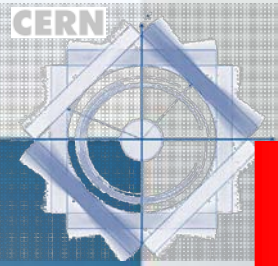


# Proposal

**EN-MME Deliverable:  
Full integrated system for cold region collimation  
(4 units) ready to install.**

## 3 months of engineering pre-study necessary to:

- Confirm feasibility of installation in beginning 2013 (4 Units to be installed in Point 3).
- Define technical solution to be taken (cold vs. warm collimator).
- Assess resources (M/P) required.



# Requirements

**EN-MME Deliverable:**  
**Full integrated system for cold region collimation  
(4 units) ready to install.**

**3 FTE during 3 months (Apr. – June).**

## **Warning:**

- Required resources must be taken from other projects which will be consequently impacted (Phase II collimation project will be also affected).
- Possible request of up to 6m space for a full integrated system for cold region collimation (6m per unit).