

German Strategy for RISE Application

- We form a german consortium.
- The basis for this (pre-existing) consortium is
 - (a) our 2012 contract, among all institutes, which was processed through the legal departments of each institution, and signed not only by group leaders, but high level management (e.g. presidents of universities), and
 - (b) the 2011 MoU between Germany and KEK, with the task assignments therein for each institute.
- The consortium is the only „beneficiary“, and thus there is only 1 PIC number.
- As part of our financial strategy, the beneficiary will have only 1 bank account, at DESY. The consortium elects a financial manager, who is in charge of accounting.
- All other institutes are „partners“ (non-“beneficiarys“).
- This strategy was discussed and agreed by the EU contact of University of Giessen, in charge of any EU applications.

Institutes and Task

- U Bonn, DESY, U Giessen, U Göttingen, U Heidelberg, KIT Karlsruhe, HLL München, MPI München, LMU München, TU München
- main task:
Installation and commissioning of the Belle II Pixel Detector (PXD) with cosmic rays and beam
- „secondments“:
sending PXD hardware/firmware/software experts to Japan (mechanics, DAQ, etc.), or japanese colleagues to Germany (e.g. integration of global DAQ)
- further topics (non-PXD software development, physics) requires some more time for collecting. Physics channels may have relation to PXD (e.g. slow pions from D^*), but not necessarily.

note: software (DIRAC system) has also another EU application, we need to exclude in RISE.

DEPFET Sensors	Max-Planck-Institute for Physics MPP (MPG)
Mechanics and Cooling	MPP (MPG), DESY (DESY), KIT (BMBF) [+ (2,3,5)]
ASICs: Switchers and Drain Current Digitizers (DCD)	University of Heidelberg (BMBF)
Data Handling Processors (DHP)	University of Bonn (BMBF) [+ (4)]
Data Handling Hybrids (DHH)	TUM (BMBF), University of Göttingen (BMBF)
Module Production	MPP (MPG), University of Bonn, LMU (BMBF) [+ (5,6)]
Cabling and Power Supply System	LMU, University of Bonn (BMBF) [+ (2,3)]
Data Acquisition System	University of Gießen (BMBF), University of Bonn (BMBF), TUM (BMBF) [+ (1)]
Radiation Tests, Monitoring (BEAST II)	University of Bonn (BMBF), MPP (MPG), KIT (BMBF)
Interconnections, grounding	MPP (MPG) [+ (2,7)]
Test beams / analysis	University of Bonn, University of Heidelberg, University of Göttingen, LMU (BMBF), MPP (MPG) [+ (2,5)]
Software Development (GridKa virtual organization, framework, track reconstruction, code management, alignment, data quality monitoring)	KIT, University of Göttingen, LMU, University of Bonn, TUM (BMBF), MPP (MPG), DESY (DESY) [+ (2)]
Environmental sensors	MPP (MPG) [+ (6)]