

3.3. Showcase SME

The showcase targeting at small companies implementing specific robot applications will evaluate the resources required for finishing a specific task with BRICS tools and concepts in comparison with the standard development process of the company. Therefore the partner Bluebotics selected the application of changing targets in radioactive environments for one of his customers. The challenges of this application are the target weight of 30 kg, the operation on tight environments and the embedding of the power supply on the mobile manipulator. The standard development process for the application has already been started with parallel documentation of the efforts for the different steps. The hardware of the mobile manipulator consists of a KUKA KR60-3, a Kokeisl KPR AGV and the Bluebotics controller for navigation and control. The development of this showcase will be finished by the end of the year. Subsequently the implementation using the BRICS results will be executed.