

## CIDOC – Working Group (Proposal): “MPI – Museum Process Implementation”

### Objective:

The working groups aims at implementing reference workflows for main business processes as found in museums, galleries and similar organisations. The elaborated work flows should constitute a basis on which museums of different kind and size can build up their own workflows adapted to their special needs. The design of the workflows is based on the BPMN (Business Process Modelling Notation) which has been standardized in 2010 by OMG (Object Modelling Group). To elaborate the workflows an open source tool will be used which converts the graphical design into an XML presentation which directly can be executed by native BPMN processing engines.

### Work Programme:

The working Group (WG) identifies core processes which are used in museums and develops generic workflow models derived from these core processes. These models will be elaborated using a graphical open source tool (“BPMN Designer”) and implemented on open source BPMN processing engine. The models are reference models (aka “CIDOC Process References” – CPR) which can be adapted to the needs of museums using a BPMN Designer. The WG will test the elaborated models in praxis and will develop guidelines how to implement the workflow models in museums (“CPR – Best Practice Guide”). The models will be tested against existing standards.

In a second phase the process models will be extended by a data model comprising all data to be entered during different steps of different processes delivering a reference model for collection management systems.

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