Nr.	Vorgangsname					Timeline
		2010	Hälfte 2, 2010	2011 / Hälfte 1, 2011	Hälfte 2, 2011	2012 / Hälfte 1, 2012	Hälfte 2, 2012	2013 / Hälfte 1, 2013
1	**EMI Project**					
2	Project Duration (M1-M36)					
3	EMI 1 Release Candidates (M10)			28.02.		
4	EMI 1 Release (M12)			30.04.		
5	EMI 2 Feature Freeze (M20)					31.12.
6	EMI 2 Release Candidates (M22)					29.02.
7	EMI 2 Release (M24)					30.04.
8	EMI 3 Feature Freeze (M30)							31.10.
9	EMI 3 Release Candidates (M32)							31.12.
10	EMI 3 Release (M34)							28.02.
11						
12	Data Area Objectives (Version 0.8)					
13	**GLUE 2.0 Migration**					
14	1.0 [D0] All storage elements publishing initial GLUE 2.0 storage information (M1-M12)			M12		
15	2.0 [D1] All EMI GLUE Clients are capable consuming GLUE 2.0 (M13-M16)			M16		
16	3.0 [D6/X1] Full GLUE2.0 support by all EMI publisher and consumer components including coherent versions (M13-M22)				M22	
17	3.1 [X1] Publish coherent GLUE2-based version information					M28
18						
19	**UNICORE access to gLite/ARC components**					
20	4.0 [D4] Providing UNICORE access to LFC (M13-M18)			M18		
21	5.0 [D7] Providing UNICORE access to SRM (M13-M22)				M22	
22	**6.0 [D13] Integration of AMGA-based access to UNICORE storage management**					
23	6.1 [AMGA, UNICORE] Evaluating the possibility of integrating the AMGA client into UNICORE (PM13-PM16)			M16		
24	6.2 [AMGA, UNICORE] Implementation (M17-M25)				M25	
25	6.2 [AMGA, UNICORE] Deployments (M26-M28)					M28
26						
27	**Applying established standards to EMI components**					
28	7.0 [D0] All EMI SE's provide a prototype for the file:// access			M12		
29	8.0 [D3] SRM supporting file:// (M13-M18)			M18		
30	9.0 [D?] All EMI SE's production support for the file:// (M13-M24)				M24	
31	10.0 [D0] All EMI SE's provide a prototype for the file:// access (M1-M12)			M12		
32	11.0 [D12] All SRM client and server using https with delegation (M13-M25)				M25	
33	12.0 [D8] All SE's http()S protocol for reading files (M13-M18)			M18		
34	13.0 [D11] Storage elements offering support for the WebDav protocol (M13-M25)				M25	
35	14.0 [D2] Investigating 'http' or WebDAV for the LFC (M13-M18)			M18		
36						

Nr.	Vorgangsname	Timeline marker
37	**Consolidating and improving interoperability of EMI components**	
38	**15.0 [D5] Common set of data access libraries**	
39	15.1 [Data access libraries] Investigating solutions (M13-M18)	M18
40	15.2 [Data access libraries] Implementing decided solution (M19-M22)	M22
41	**16.0 [D15] Migrating to the EMI Data Access Libraries**	
42	16.1 [Data Lib Adopters] Internal testing of implementation (M23-M28)	M28
43	16.2 [Data Lib Adopters] Testing of EMI components depending on data access libraries (M29-M32)	M32
44	**17.0 [D10] Synchronization between EMI SE's and Catalogues**	
45	17.1 [DPM. LFC] Provide infrastructure (daemons and message passing) (M1-M12)	M12
46	17.2 [DPM, LHC Catalogue] Integrating a LHC experiment catalogue into the synchronization infrastructure as a prove of concept (M13-M18)	M18
47	17.3 [Plugins] Plug-ins for the other EMI Storage Elements (M17-M25)	M25
48	17.4 [Plugins] More comprehensive set of notifications (M19-M25)	M25
49	**18.0 [D14] Next generation FTS**	
50	18.1 [PT] High level design, new configuration methods (remote, and stored in DB) (M13-M16)	M16
51	18.2 [PT] New Language C++, Channels removed, load feedback from SE's and Network; new transfer prot: http(s); tesing (M13-M20)	M20
52	18.3 [PT] Providing a prototype FTS service for EMI-2 (M17-M23)	M23
53	18.4 [PT] Job queues moved to messaging. SE and Network interaction with FTS finalized; pilot service (M21-M30)	M30
54	19.0 [] Common storage accounting record	M12
55	**20.0 [D16] Add support for the new Storage Accounting Record**	
56	20.1 [FTS] SE's and FTS provide a design for providing the agreed Data Accounting record (M13-M18)	M18
57	20.2 [FTS] Plug-ins for the other EMI Storage Elements (M18-M25)	M25
58	20.3 [FTS] Finishing the deployment (M24-M32)	M32
59	21.0 [X9] Integration ARGUS blacklisting (M13-M18)	M18
60		
61	**Evaluating new technologies and methodologies**	
62	22.0 [X17] Implement the EMI cloud strategy within data area (M13-M32)	M32
63	23.0 [D9] Investigate solutions for persistent data ID's (M13-M24)	M24
64		
65	**Improving usability and interoperability of EMI components**	
66	24.0 [X6] Adhere to operating system standards (M13-M22)	M22

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		A M J	J A S O N D	J F M A M J	J A S O N D	J F M A M J	J A S O N D	J F M A M
67	25.0 [X4] Provide and support monitoring probes for EMI services (M13-M32)						M32	
68	26.0 [X8] Improving a) error messages b) command line parameters (M13-M22)				M22			
69	27.0 [X7] Support for more platforms (M13-M22)				M22			
70	**28.0 [X10] Introduce minimal DOS protection**							
71	28.1 [EMI Data Components] Identifying areas where high level DOS (M13-M18)			M18				
72	28.2 [EMI Data Components] Applying solutions for the identified DOS scenarios (M19-M28)					M28		
73	29.0 [X13] Provide optimized semi-automated configuration (M13-M30)					M30		