

Plan of CERN-wide SRF activities (SM18 and elsewhere, version 25 July 2008)												
Refurbishment and upgrade works	2009/1	2009/2	2010/1	2010/2	2011/1	2011/2	2012/1	2012/2	2013/1	2013/2	2014/1	2014/2
Upgrade clean rooms and rinsing stations (monitoring equipment)	x											
Upgrade vertical cryostats (cabling, controls, temperature mapping)	x											
Acquisition and commissioning of surface analysis tools for DC characterization of samples (Tc, RRR, ...)	x											
Acquisition and commissioning of pulsed high power equipment at 704 MHz (1 MW) and ancillaries					x							
Cryogenic refurbishment (phase 1: IHe distribution system)		x										
Cryogenic refurbishment (phase 2: He pumping and purification)			x									
SRF testing @ SM18												
SPL												
Test of individual cavity #1 (responsibility Saclay)			x									
Test of individual cavity #2 (do.)						x						
Test of individual cavity #3 ($\beta = 0.65$, responsibility Orsay)					x							
Test of individual cavities (SPL R&D)					x	x	x	x	x	x	x	
Cryomodule Test in horizontal cryostat in pulsed mode (1 MW per cavity)							x					
HIE ISOLDE												
Test of quarter wave resonator prototype cavities (1 - 2 per month)	x	x										
Test of quarter wave resonator prototype cryomodule (2)				x	x							
Series tests of quarter wave resonators (10)			x	x								
Series tests of quarter wave resonators (20, not yet completely funded)					x	x	x	x				
Series tests of quarter wave resonators cryomodules (6)					x	x	x	x				
LHC cavities												
RF tests of bare cavity	x	x										
RF test of cavity with He tank		x	x									

Budget profile							
Clean room and rinsing stations	793						
Upgrade vertical cryostats	830						
Surface analysis tools for DC characterisation of samples (Tc, RRR)	229						
Pulsed high power equipment at 704 MHz (1 MW) and ancillaries					2415		
Cryogenics (phase 1)		1115					
Cryogenics (phase 2)			1231				
SUM [kCHF]	1852	1115	1231	0	2415	Total	6613