

Sheet1

EUROnu WP2 Overall WBS

Item #	Item descriptioRef	Comments	Source	Cost	Uncertainties
1	Proton driver		CERN		
2	Accumulator ring		CERN		
3	Beam-target interface		CERN ?		
4	Target Station and decay tunnel		WP2		
5	Near detector		WP5		
6	Far detector		WP5		

Sheet2

EUROnu WP2 Beam-Target WBS

Item #	Item descriptioRef	Comments	Source	Cost	Uncertainties
	3.1 Switchyard 1-4		CERN		
	3.2 Matching elements		4 CERN		
	3.3 Beam trasport line		4 CERN ?		
	3.4 Final focussing		4 CERN ?		
	3.5 Beam instrumentations and i		4 CERN ?		
	3.6 Baffles		4 CERN ?		
	3.7 Window		4 CERN ?		

Sheet4

EUROnu WP2 Target Station WBS

Item #	Item descriptioRef	Comments	Source	Cost	Uncertainties
	4.1 Target		4 WP2-RAL		
	4.2 Target cooling system		WP2-RAL		
	4.3 Horn		4 WP2-Strasbourg		
	4.4 Horn cooling system		WP2-Strasbourg		
	4.5 Strip lines		WP2-Strasbourg		
	4.6 Horn power supply		WP2-Strasbourg		
	4.5 Horn support		WP2-Cracow		
	4.6 Target moving system		WP2-RAL		
	4.7 Hot cell manipulators		WP2-RAL		
	4.8 Hot cell infrastructure (crane ..)		WP2-RAL		
	4.9 Target station ventilation		WP2-RAL		
	4.1 Hot cell ventilation		WP2-RAL		
	4.11 Target station monitoring and safety		WP2-RAL		
	4.13 Decay volume shielding		WP2		
	4.14 Decay volume cooling		WP2		
	4.15 Beam Dump		WP2		