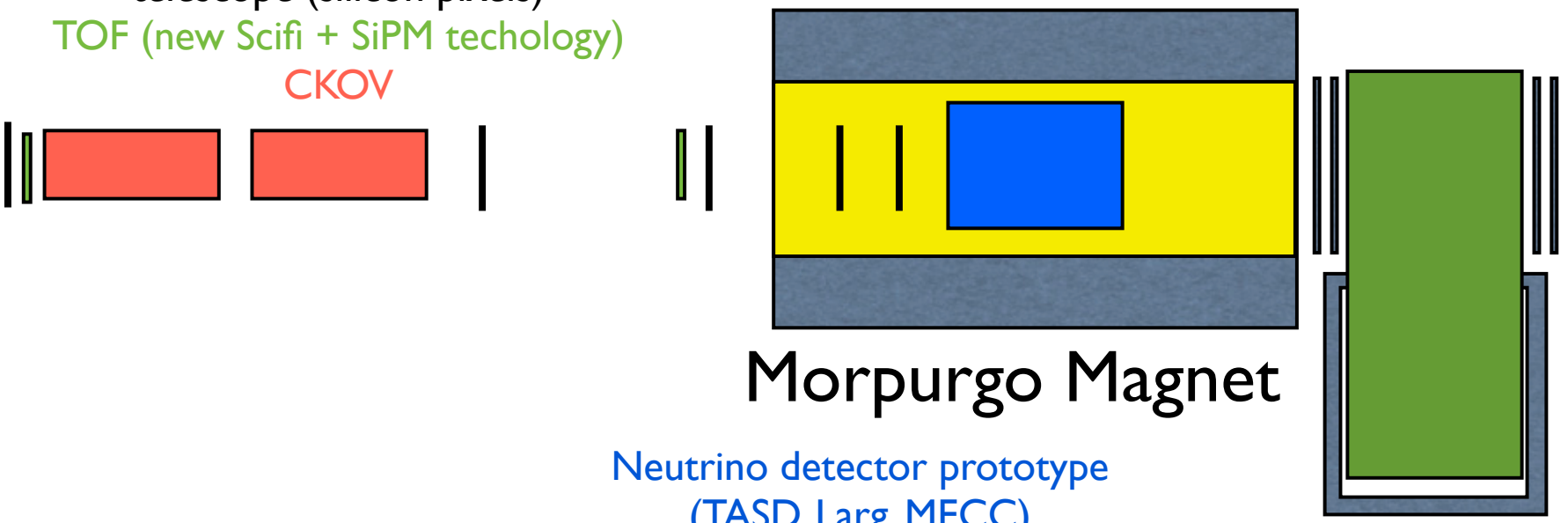
We have received proposals from
-- Valencia, Glasgow, UniGe, Kracow, Sofia, INR moscow, FNAL (muon detector, DAQ, TASD)
-- ETHZ, UniBE, UniZ, Lyon, KEK (users + Larg Infrastructure; cryo)
-- OPERA-INFN as users for MECC
-- AFC Paris for Water Cherenkov (mostly users)
-- Saclay for MMeGas

large area Mmegas chambers(Saclay)

Beam line
telescope (silicon pixels)
TOF (new Scifi + SiPM techology)
CKOV



Morpurgo Magnet

Neutrino detector prototype
(TASD, Larg, MECC)

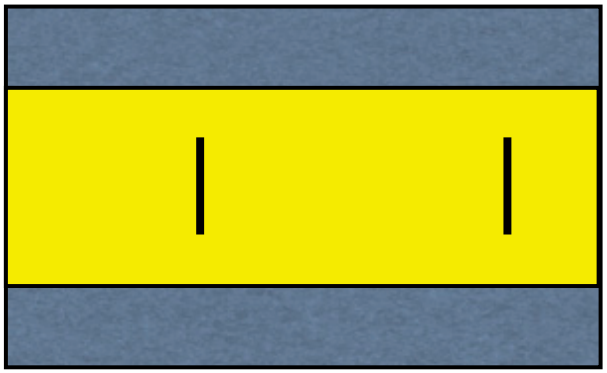
Iron toroid for muon detection
and hadron tail catching
equipped with
scintillator readout with SiPMs

Beam line

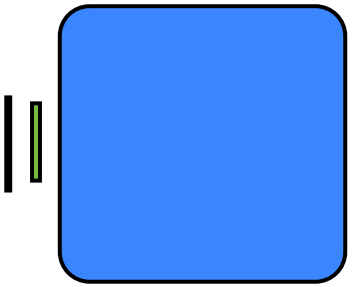
cope (silicon pixels)

/ Scifi + SiPM techology)

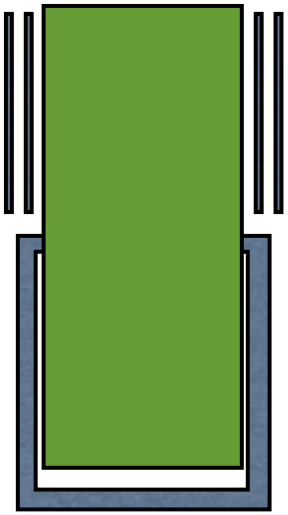
CKOV



Morpurgo Magnet



Water Cherenkov
or Large Larg
prototype



Iron toroid for muon detection
equipped with
scintillator readout with SiPMs
(Geneva Valencia Imperial Glasgow)

large area Mmegas chambers(Saclay)

component	FTE.yr added	channels	cost/channel	total cost	institute	Node
TOF		20	1500	30k€	Milano-Roma3	INFN
Cherenkov		12	2000	24k€	CERN (perhaps exists already)	
Magnet Mechanics				25k€	CERN	CERN
beamline tracker		5	20	100k€	?	UK or SLHC
muon toroid		25 tons	1k€/ton+25k€ mechanics	35k€	common	
muon chambers	4	12000	10	120k€	Saclay	France
muon detector scintillators	8	1500	100	150k€	T2K groups (UNIGE+ CH/ Valencia...)	UniGE, Valencia; Glasgow, Moscow
Data Acquisiion	4			100k€	sofia, cracow	Poland
Water Cherenkov Infrastructure				50k€	AFC IN2P3	AFC IN2P3
Lar cryo infrastructure	4			200k€	ETHZ, Bern, UniZ, Lyon	CHIPP, IN2P3
neutrino grand total				799k€		
additional manpower	20FTE.yr		70k€	1400k€		
total				2200k€		
EU				733k€		

The beam line, DAQ and PID are clearly of use for other purposes
Super B is in the same energy range, and beam Ckov, TOF and tracker are of everyon'es interest.
Everyone can also benefit from the muon detector/tail catcher.
We would thus like to concentrate on the muon detector/tail catcher (emphasis) and on the Larg, WC infrastructure.
we would like to bid for 733k€

Possible revision:

component	FTE.yr added	channels	cost/channel	total cost	institute	Node
TOF						
Cherenkov						
Magnet Mechanics						
beamline tracker						
muon toroid		25 tons	1k€/ton+25k€ mechanics	35k€	common	
muon chambers	4	12000	10	120k€	Saclay	France
muon detector scintillators	8	1500	100	150k€	T2K groups (UNIGE+ CH/ Valencia...)	UniGE, Valencia; Glasgow, Moscow
Data Acquisiion	4			100k€	sofia, cracow	Bulgaria, Poland
Water Cherenkov Infrastructure				50k€	AFC IN2P3	AFC IN2P3
Lar cryo infrastructure	4			200k€	ETHZ, Bern, UniZ, Lyon	CHIPP, IN2P3
neutrino grand total				655k€		
additional manpower	20FTE.yr		70k€	1400k€		
total				2055k€		
EU				685k€		

The beam line, DAQ and PID (including muons!) are clearly of use for other purposes
Super B is in the same energy range, and beam Ckov, TOF and tracker are of everyon'es interest.
Everyone will benefit from the muon detector/tail catcher.
We would thus like to concentrate on the muon detector/tail catcher (emphasis) and on the Larg (mostly) and WC infrastructure.

we would like to bid for 685k€ at least

breakdown

input: 1 FTE=

65k€ at CERN

60k€ in CH

30 € in Bulgaria, Poland

uggest 3 years contracts / 4 years program time to hire, etc..

1 FTE at CERN/GVA =185

1 FTE in PL and in Bg each = 180

(total 365) (travel is in TNA)

+ 320 k€ material

200k€ for muon detector

100 k€ for Larg cryo

20k€ for small mechanics