DUSEL Initial Suite of Experiments (ISE)[1]	Experimental Cavity Size (m^2)[2a]	Required U/G Support Space (m^2)[2b]	Minimum Depth (mwe)[3]	Approximate Construction Start Date for "Generations" or Experiments[4]
Dark Matter (WIMPS)				
Generation 0 (PreDUSEL)				
Sensitivity 10^-44 - 10^-45				
Noble Liquid (2 phase)	100	250	4100	LUX 300 proposal for Sanford Lab (2008) (Xe)
Low Temperature Solid State	100	250	2000	CDMS Experiment in Soudan (running) (Ge + Si)
Low Temperature Solid State	100	250	4100	SuperCDMS Proposal to SNOLab (2009) (Ge + Si)
Noble Liquid (1 phase)	*N/A*	N/A	N/A	miniClean Proposal to SNOLab (2008) (Ar)
Noble Liquid (2 phase)	*N/A*	N/A	N/A	WARP Experiment to Gran Sasso (running) (Ar)
Noble Liquid (2 phase)	*N/A*	N/A	N/A	Xenon10 Experiment to Gran Sasso (completed) (Xe)
Noble Liquid (2 phase)	*N/A*	N/A	N/A	Xenon100 Proposal to Gran Sasso (2008) (Xe)
Generation 1 (DUSEL ISE)				
Sensitivity 10^-45 - 10^-46				~ 2011 - 2013
Technology 1 TBD	100	250	4100	detector construction to commence earlier on the surface
Technology 2 TBD	100	250	4100	detector construction to commence earlier on the surface
Generation 2 (DUSEL ISE)				
Sensitivity 10^-46 - 10^-47				~ 2015
Technology 1 TBD	200	500	6400	detector construction to commence earlier on the surface
Technology 2 TBD	200	500	6400	detector construction to commence earlier on the surface
Neutrinoless Double Beta Decay				
Generation 0 (PreDUSEL)				
Degenerate Mass Scale Sensitivity				
Solid State (Ge)	100	200	4100	R&D for demonstator prior to MREFC at Sanford Lab (2009)
Noble Liquid (Xe)	150	200	2000	EXO200 running at WIPP
Bolometric (Te European)	N/A	N/A	3200	Cuoricino running, Cuore being built at Gran Sasso (2010)
Generation 1 (DUSEL ISE)				
Atmospheric Mass Scale Sensitivity				~ 2015
Solid State (Ge)	250	500	6400	
Noble Liquid/Gas (Xe)	500	200	6400	