

Phase	Project	Physics	Xe weight	detector	readout	year	location	collaboration
2	LXeComp/ <sup>44</sup> Sc	PET	100 l	TPC	anode pads ; GPM for lights	simulation	Nantes Cyclotron	France, Israel, Japan
		micro-PET	13.8 l , 6.9 l			simulation		
			0.1 l			2005		
2	GEM-based	PET		TPC	GEM	2003	Budker Institute	Russia
2	US patent 5665971	PET		TPC		1997	Columbia university	USA
2	XENON	DM (WINP)	1ton:100kgx10	TPC	PMT, GEM		Gran Sasso undergroun d lab	US, Italy,Portugal
			100kg			design		
			10kg			2006		
			3kg			2005		
2	ZEPLIN	DM (WINP)	1ton (IV?)	TPC	PMT, GEM		Boulby, UK	UK, US, Italy, Russia, Portugal
			30kg (II)			2006		
			6kg (III)			2006		