

Project Activities	Year 1				Year 2			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Gather Requirements for System/Investigation	x							
Define Architecture & Generate Architecture Documents	x							
Select micro-controller modules & initial design of hardware circuits		x						
Implement LoraWAN End-Node functionality/firmware		x	x					
Submit final hardware/circuit design for layout review & verification		x						
Initial Integration of LoraWAN firmware on dev kits. Perform basic functional testing using dev kits			x					
Integrate prototype HW & FW			x	x				
Commissioning & field trials of prototype system				x	x			
Document & publish results of field trials, lessons learned, future work					x	x		