Appendix 3.5.1 Initial Coding

Code	Node	Sub Node	Comments and Explanations	Methodology discussion points	How this supports the research?
City	NYC		Use stakeholder codes for case study comparison, NYC, BOS and CHI		Case study comparison
	Boston				
	Chicago				
Design Discipline	Architect	LEED	Consultancy practices to include architects, engineers and whether they participate in LEED, RELI or Envision activities	Although discipline perspectives are insightful, this is about general design principles and understanding of the concepts and how this general understanding is/is not facilitated at through the 'planning' process	Raising awareness of how resilience and sustainability concepts get translated into practice by stakeholders.
	Civil Engineer	RELI			
	Structural Engineer	Envision			
	Building Services (M&E) Engineer				
	Specialist Sustainability				
	Specialist Resilience				
Building Developer					
Planners	Regional		Planning is carried out at different scales		
	Municipality				
City Management	Sustainability		What		
	Resilience				
	Buildings and Infrastructure				
	Planners				
Working Definition	Sustainability	Susclience	What is their working definition and has it merged with resilience?		
		Reductionalist			
	Resilience	Restainability	What is their working definition and has it merged with sustainability?		
Consideration Factors			Which terms get discussed when making decisions when thinking about sustainability and resilience		Will need to differentiate between synergies, conficts and knowledge gaps
Conflicts	Heat		Does the consideration factor that is being discussed outline a conflict with the decision making process?		
	Cold				
	Sea level rise				
	Building code				
	knowledge				
	Hazard Planning-zoning				
	Hazard Planning Scenario				
	Frequency of events				
	Risk				
	Impacts				
	Shocks and stresses				
	Scenario planning				
	Planning process		What are the issues in the planning process? Gaps identified by no response, Concerns addressed by lots of responses.		

	Political boundaries				
	zoning		General zoning not related to hazard scenarios		
	Scope of works				
	Legal				
	Out of date design codes				
	Spatial scale of decision	systems	Is there an issue with the scale of the decision- civil infrastructure, eco system, neighbourhood, district, nested buildings? And do decisions need to be more focused on systematic scales?		
		municipalities			
	Temporal scale	Short Term			
		Long Term			
	Finance				
synergy	Heat		Does the decision that is being discussed outline a synergy with the decision making process?		
	Cold				
	Sea level rise				
	Building code				
	knowledge				
	Hazard Planning-zoning				
	Hazard Planning Scenario				
	Frequency of events				
	Risk				
	Impacts				
	Shocks and stresses				
	Scenario planning				
	Planning process				
	Political boundaries				
	zoning				
	Scope of works				
	Legal				
	Out of date design codes				
	Spatial scale of decision	systems			
		municipalities			
	Temporal scale	Short Term			
		Long Term			
	Finance				
Knowledge gap			Has a knowledge gap been identified?		