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Types of Uncertainty Source: Ralph Stacey, Strategic Management and Organisational Dynamics	Cause and effect are clear to players	Cause and effect are unclear to players	
Objectives are conflicted between players	Compromise and Negotiation	Unprogrammable: "outcomes" rather than "solutions"	
Objectives are shared and agreed between players	Rational and logical planning	Judgement about feasibility: will it work?	

Complex adaptive	 Consists of large numbers of agents interrrelated in a non-linear way, that is, in which each action of one agent can provoke more than one response from other agents 	
systems (Gell- Mann)	 Interacts with other complex adaptive systems and together they constitute the environment to which each must respond 	
	 Acquires information about the systems constituting its environment and information about the consequences of its own interaction with those 	
Organisations are webs of feedback loops	systems. In other words complex adaptive systems employ feedback.	
Stable and unstable equilibrium	 Identifies regularities in the feedback information it acquires and then condenses those regularities into a schemea or model, in effect selecting one of a number of competing models which might explain the regularities 	
Organisations are paradoxes		
Sustainability implies "edge of chaos"		
Irregular cycles and discontinuous trends	 Acts in relation to the systems that are in its environment on the basis of the schema it has developed 	
Agents within the system cannot be in control	 Observes the responses its actions provoke, as well as the consequences of those responses and uses this 	
Systems self-organise in the long term	information to revise its schema, in other words, it employs feedback to learn or adapt. This is rather complex learning behaviour because it involves adjusting both the behaviour and the schema driving that behaviour.	
Managers both create and discover their environment		
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