I: FACTORS about SUPPLY	IMP & PREDICTABLE	IMP & UNPREDICTABLE	#1 imp	#1 pred	#2 imp	#2 pred	#3 imp	#3 pred	#4 imp	#4 pred	#5 imp	#5 pred	#6 imp	#6 pred	I: FACTORS about SUPPLY
1 Sustainability of international supplies	2 of 4	1 of 4	8	8	10	5	-	-	-	-	10	3	7	6	1 Sustainability of international supplies
(a) population expansion (global)	6 of 6	0	7	9	8	8	7	9	6	8	9	9	10	9	(a) population expansion (global)
(b)diversion of produce to emerging markets	4 of 6	1 of 6	8	7	7	5	6	7	8	8	7	6	7	4	diversion of produce to emerging markets
(c)climate change (d)carbon credits	5 of 6	0	9	9	9	7	6	5	9	6	8	8	9	7	climate change carbon credits
(d)transport infrastructure	4 of 6	0	9	8	8	9	5	7	8	7	10	6	6	5	transport infrastructure
(e)price efficiency (f)international cheap labour around the world (g)international transport costs (h)international production costs	2 of 6	3 of 6	6	3	7	5	9	9	8	7	9	4	7	4	price efficiency international cheap labour around the world international transport costs international production costs
2 Development of local supplies	2 of 4	1 of 4	8	4	10	6	-	-	-	-	6	5	9	6	2 Development of local supplies
(a) development of local markets • supply chains • transport infrastructure	4 of 6	0	9	6	8	7	6	9	8	6	6	5	7	5	(a) development of local markets (b) supply chains (c) transport infrastructure
(b) land pressures	2 of 6	1 of 6	7	4	9	7	9	9	8	7	8	8	8	4	(b) land pressures
(c) technologies • vertical farming/precision hydroponics • semantic web • materials (e.g.for storage, packaging)	5 of 6	1 of 6	9	6	7	6	9	9	8	6	6	4	8	7	(c) technologies vertical farming/precision hydroponics semantic web materials (e.g.for storage, packaging)
(d) demand for locally-grown produce	2 of 6	0	5	6	8	6	9	5	6	6	5	8	9	5	(d) demand for locally-grown produce
(e) price efficiency • local production costs • local labour costs • local transport costs	1 of 6	4 of 6	8	4	9	6	9	3	7	5	6	4	7	3	(e) price efficiency local production costs local labour costs local transport costs
3 Community growing initiatives	2 of 6	0	2	3	9	6	-	-	-	-	7	5	8	6	3 Community growing initiatives
(a) investment	1 of 6	0	3	4	9	7	9	5	8	5	5	8	3	3	(a) investment
(b) social value of food	4 of 6	0	1	7	9	7	10	8	9	5	8	7	9	6	(b) social value of food
4 Scale of production	5 of 6	1 of 6	9	7	7	7	10	6	9	9	10	8	8	4	4 Scale of production
5 Food packaging	4 of 6	0	6	9	6	8	10	10	9	5	5	4	7	6	5 Food packaging
6 Availability of wide range of food stuffs	3 of 6	2 of 6	8	7	6	8	10	5	8	6	7	4	4	3	6 Availability of wide range of food stuffs
II: FACTORS about DISTRIBUTION															II: FACTORS about DISTRIBUTION
7 Sustainability of international distribution networks	2 of 4	2 of 4	9	4	10	6	-	-	-	-	10	3	9	7	7 Sustainability of international distribution networks
(a) price efficiency	2 of 6	3 of 6	8	4	9	6	8	5	8	6	10	4	9	4	(a) price efficiency
(b) viability of alternative energy sources	2 of 6	2 of 6	10	5	9	6	10	4	8	6	9	3	9	5	(b) viability of alternative energy sources
(c) Sustainability of international food supplies • cost of fuel • changes to food availability	3 of 6	1 of 6	9	9	10	7	10	5	8	6	10	3	8	5	(c) Sustainability of international food supplies cost of fuel changes to food availability
8 Development of local distribution networks	3 of 4	0	8	6	9	6	-	-	-	-	7	5	8	6	8 Development of local distribution networks
(a) development of local food supplies	4 of 6	0	8	6	9	6	9	6	7	5	6	5	8	6	(a) development of local food supplies
(b) price efficiency	4 of 6	0	8	5	9	6	9	5	8	6	9	6	9	7	(b) price efficiency
(c) investment	1 of 6	1 of 6	8	5	9	5	10	4	8	6	8	5	6	4	(c) investment
(d) political commitment	1 of 6	4 of 6	6	2	9	4	10	3	7	7	7	5	6	2	(d) political commitment
III: FACTORS about THE BUILT ENVIRONMENT															III: FACTORS about THE BUILT ENVIRONMENT
9 Pattern of urbanisation	3 of 4	0	10	7	8	8	-	-	-	-	10	5	8	8	9 Pattern of urbanisation
(a) megacities	5 of 6	0	10	8	7	7	9	5	7	8	10	7	7	8	(a) megacities
(b) densification	5 of 6	0	10	8	8	8	9	5	7	8	10	7	8	8	(b) densification
(c) expansion	5 of 6	0	9	8	8	8	9	5	7	8	10	7	8	8	(c) expansion
10 Role of planning authorities	5 of 6	1 of 6	7	6	9	7	9	3	9	7	10	8	9	6	10 Role of planning authorities
IV: FACTORS about WASTE															IV: FACTORS about WASTE
11 Levels of waste	3 of 4	1 of 4	9	5	9	8	10	4	-	-	10	7	9	8	11 Levels of waste
(a) composition of waste	4 of 6	1 of 6	7	7	8	7	10	4	8	6	8	8	9	5	(a) composition of waste
(b) food price	1 of 6	2 of 6	10	5	9	5	10	4	8	6	9	3	8	5	(b) food price
12 Recycling	2 of 6	0	10	5	9	6	10	5	9	7	9	5	9	5	12 Recycling
13 Attitudes to waste	3 of 6	0	10	5	9	6	10	5	9	7	10	8	9	5	13 Attitudes to waste
14 Waste to energy	4 of 6	0	10	5	9	7	10	8	9	7	10	8	9	5	14 Waste to energy
(a) distributed energy supply systems	4 of 6	0	10	5	9	6	10	7	9	7	8	7	7	5	(a) distributed energy supply systems
15 Waste repurposing	2 of 6	1 of 6	10	5	9	6	10	4	9	7	9	5	9	5	15 Waste repurposing
V: FACTORS about ENERGY															V: FACTORS about ENERGY
16 Availability of fossil fuels	4 of 6	0	10	8	9	5	10	8	10	7	8	9	5	9	16 Availability of fossil fuels
17 Depletion of fossil fuels	4 of 6	0	10	7	9	5	10	8	10	7	10	9	5	9	17 Depletion of fossil fuels
18 Availability of alternative fuel sources	3 of 6	2 of 6	10	2	10	6	10	8	9	6	10	5	9	4	18 Availability of alternative fuel sources
19 Viability of alternative fuel sources	1 of 6	4 of 6	10	2	10	4	10	5	9	6	10	3	9	4	19 Viability of alternative fuel sources
20 Investment	1 of 6	2 of 6	9	3	10	5	10	3	8	5	10	6	6	5	20 Investment
21 UK Government policy on renewable energy	2 of 6	2 of 6	10	3	9	7	10	3	8	5	10	6	8	5	21 UK Government policy on renewable energy
(a) levels of subsidy	1 of 6	2 of 6	10	3	10	6	-	-	8	5	8	4	5	5	(a) levels of subsidy
VI: FACTORS about WATER															VI: FACTORS about WATER
22 Availability of drinking water	4 of 5	0	10	7	10	6	10	5	-	-	10	7	10	8	22 Availability of drinking water
(a) locally	5 of 6	0	10	6	10	6	10	5	10	8	8	7	9	8	(a) locally
(b) nationally	5 of 6	0	10	7	10	6	10	5	10	8	8	8	9	8	(b) nationally
23 Availability of non-potable but safe water	4 of 5	0	10	7	10	6	10	5	-	-	10	8	9	8	23 Availability of non-potable but safe water
(a) locally	5 of 6	1 of 6	10	6	10	6	10	4	8	7	8	8	9	8	(a) locally
(b) nationally	5 of 6	1 of 6	10	6	10	6	10	4	8	7	8	8	9	8	(b) nationally
(c) globally	4 of 6	2 of 6	10	6	10	6	10	4	8	7	8	3	9	8	(c) globally
VII: FACTORS about TECHNOLOGIES															VII: FACTORS about TECHNOLOGIES
24 Current or emerging technologies	1 of 4	1 of 4	10	5	9	5	-	-	-	-	10	3	8	7	24 Current or emerging technologies
(a) precision farming	5 of 6	0	7	5	8	8	10	9	8	6	8	9	9	7	(a) precision farming
(b) GM crops (incl designer crops)	3 of 6	0	0	2	8	7	10	5	7	6	8	6	4	4	(b) GM crops (incl designer crops)
(c) other biotechnologies (incl, cloning, epigenetics)	2 of 6	0	7	2	7	5	10	5	7	6	8	6	4	4	(c) other biotechnologies (incl, cloning, epigenetics)
(d) medicine (e.g. new diseases, assistive technologies)	2 of 6	1 of 6	10	5	8	5	10	5	9	6	7	9	8	4	(d) medicine (e.g. new diseases, assistive technologies)
(e) hydroponics & aquaponics	4 of 6	0	6	7	8	7	10	5	7	6	8	7	6	5	(e) hydroponics & aquaponics
(f) materials technologies: inedible (storage, packaging)	4 of 6	0	10	6	7	6	7	4	7	6	6	8	7	5	(f) materials technologies: inedible (storage, packaging)
(g) materials technologies: edible	3 of 6	1 of 6	10	6	8	7	10	5	7	6	7	4	7	5	(g) materials technologies: edible
25 Semantic web or other data system developments	2 of 6	2 of 6	-	-	8	7	9	4	7	6	6	3	9	5	25 Semantic web or other data system developments
26 New food storage systems	3 of 6	2 of 6	7	7	7	7	10	4	9	6	9	3	7	5	26 New food storage systems
27 Industrialised food stuffs (low/high nutrient value)	4 of 6	1 of 6	10	7	6	8	8	5	8	6	8	2	7	6	27 Industrialised food stuffs (low/high nutrient value)
28 Attitudes/public responses to new technologies	2 of 6	1 of 6	10	5	9	5	10	5	8	6	8	2	9	6	28 Attitudes/public responses to new technologies
VIII: FACTORS about GOVERNMENT															VIII: FACTORS about GOVERNMENT
29 Ability to influence public behaviour/opinions	2 of 4	2 of 4	10	4	10	6	-	-	-	-	10	4	8	6	29 Ability to influence public behaviour/opinions
(a) level of political commitment	2 of 6	3 of 6	10	4	10	6	9	3	8	6	10	3	6	5	(a) level of political commitment
(b) legislation (incl "nudge policies", taxation)	1 of 6	2 of 6	10	5	10	5	9	3	8	6	10	3	7	5	(b) legislation (incl "nudge policies", taxation)
(c) investment in education re food/health	3 of 6	1 of 6	10	5	10	6	9	3	8	6	10	5	9	6	(c) investment in education re food/health
30 Ability to influence the market	1 of 4	1 of 4	10	5	10	6	-	-	-	-	8	3	6	5	30 Ability to influence the market
(a) level of political commitment	3 of 6	2 of 6	9	6	10	6	9	3	8	6	10	3	6	5	(a) level of political commitment
(b) legislation (e.g. taxation, planning)	2 of 6	2 of 6	10	5	10	6	9	3	8	6	10	3	8	5	(b) legislation (e.g. taxation, planning)
(c) level of agricultural subsides	2 of 6	1 of 6	10	5	10	7	9	3	8	6	5	3	6	5	(c) level of agricultural subsides
(d) horticultural subsidies (e.g. in urban areas)	2 of 6	1 of 6	2	5	10	6	9	3	8	6	5	2	6	5	(d) horticultural subsidies (e.g. in urban areas)
31 UK government in power/state of UK politics	2 of 6	1 of 6	-	-	10	6	8	3	7	8	8	5	8	5	31 UK government in power/state of UK politics
32 Influence/power of developing economies	0 of 4	3 of 4	10	3	9	5	-	-	-	-	10	4	8	4	32 Influence/power of developing economies
(a) BRIC economies (UK currently net importer)	1 of 6	2 of 6	10	5	9	3	7	3	9	6	10	5	8	5	(a) BRIC economies (UK currently net importer)
(b) other economies (e.g. Africa)	1 of 6	5 of 6	9	4	9	3	7	2	9	6	10	1	7	4	(b) other economies (e.g. Africa)
33 Changing UK regional political landscape	3 of 6	1 of 6	10	6	9	6	9	4	8	7	5	3	7	5	33 Changing UK regional political landscape
34 Changing EU political landscape, incl EU legislation	2 of 6	1 of 6	9	5	9	6	9	4	8	5	5	2	8	6	34 Changing EU political landscape, incl EU legislation
IX: FACTORS about EDUCATION															IX: FACTORS about EDUCATION
35 Food education (production & preparation)	3 of 6	1 of 6	10	5	10	6	9	3	9	6	8	5	9	7	35 Food education (production & preparation)
36 Re-introduction of food into mainstream	3 of 6	1 of 6	10	5	10	6	9	3	9	6	9	5	8	6	36 Re-introduction of food into mainstream
X: FACTORS about SOCIETY															X: FACTORS about SOCIETY
37 Level of social cohesiveness	3 of 6	1 of 6	10	5	8	6	10	4	8	6	10	5	7	6	37 Level of social cohesiveness
38 Role of community initiatives	3 of 6	1 of 6	9	5	9	6	10	6	7	5	7	3	7	6	38 Role of community initiatives
39 Food scarcity (divisive or unifying)	3 of 6	2 of 6	9	5	8	6	9	3	7	6	10	2	8	6	39 Food scarcity (divisive or unifying)
40 Public attitudes	2 of 4	1 of 4	9	6	9	7	9	-	-	-	8	3	8	5	40 Public attitudes
(a) food sourcing	3 of 6	1 of 6	9	6	9	7	7	3	8	5	10	8	7	5	(a) food sourcing
(b) recycling	4 of 6	1 of 6	9	7	9	7	7	3	8	5	10	8	9	6	(b) recycling
(c) food preferences (incl GM food)	2 of 6	1 of 6	9	5	9	6	7	3	8	5	5	7	9	6	(c) food preferences (incl GM food)
(d) methods of food production	2 of 6	1 of 6	9	5	9	7	7	3	8	5	5	7	9	6	(d) methods of food production
(e) "green" (e.g. allotments, rainwater, roofs)	4 of 6	1 of 6	9	6	9	7	7	3	8	5	8	7	9	7	(e) "green" (e.g. allotments, rainwater, roofs)
41 Size of homes in the UK	3 of 6	0	5	5	7	8	-	-	8	8	8	5	7	9	41 Size of homes in the UK
42 Age of Birmingham housing stock (70% pre-1930s)	5 of 6	0	5	5	8	10	9	9	6	8	10	8	7	9	42 Age of Birmingham housing stock (70% pre-1930s)
43 Shopping patterns and habits	2 of 4	0	5	5	9	6	-	-	-	-	8	5	7	7	43 Shopping patterns and habits
(a) online	3 of 6	0	5	5	6	7	8	5	6	5	8	6	7	6	(a) online
(b) local/hyperlocal	2 of 6	0	8	5	9	6	8	5	8	5	9	5	7	6	(b) local/hyperlocal
(c) hypermarkets	3 of 6	0	5	5	7	6	8	5	-	-	10	3	7	6	(c) hypermarkets
(d) in/out of town	3 of 6	1 of 6	6	5	8	6	8	5	7	6	10	3	7	6	(d) in/out of town
44 Time spend preparing/consuming food	3 of 6	0	6	5	8	7	7	6	8	5	5	8	7	7	44 Time spend preparing/consuming food
45 Value placed on food	2 of 6	0	10	5	8	6	8	5	9	5	10	5	9	6	45 Value placed on food
46 Power of big retailers (currently supermarkets)	3 of 6	0	9	5	9	8	-	-	-	-	9	7	7	8	46 Power of big retailers (currently supermarkets)
(a) impact of resource scarcity on bargain product	4 of 6	0	9	5	9	5	9	7	8	6	10	7	8	7	(a) impact of resource scarcity on bargain product
(b) monopoly on food psychology	4 of 6	0	10	5	8	8	9	7	8	6	9	8	7	5	(b) monopoly on food psychology
(c) food mix on offer & its price	4 of 6	0	9	5	10	7	9	7	8	6	8	8	7	5	(c) food mix on offer & its price
47 Social readiness for change/response	1 of 6	2 of 6	10	5	9	6	9	5	8	5	10	4	8	4	47 Social readiness for change/response
48 Taste preferences	1 of 6	2 of 6	5	5	7	7	8	4	8	5	5	8	6	3	48 Taste preferences
49 Age cohorts	6 of 6	0	8	6	6	10	10	8	7	8	7	8	7	8	49 Age cohorts
50 Aging population & available workforce	6 of 6	0	8	6	7	9	10	8	7	8	10	7	8	9	50 Aging population & available workforce
51 Skill demographics	6 of 6	0	7	6	7	8	10	8	7	7	10	8	8	8	51 Skill demographics
52 Pandemic/s	0 of 6	5 of 6	8	2	6	3	8	4	9	5	10	1	6	4	52 Pandemic/s
53 Self-sufficiency (individual movements)	2 of 6	1 of 6	8	7	7	6	7	3	8	5	5	8	5	5	53 Self-sufficiency (individual movements)
54 Self-sufficiency (nationally, either here or overseas)	3 of 6	1 of 6	7	6	7	7	8	4	8	5	7	5	7	6	54 Self-sufficiency (nationally, either here or overseas)
55 Working patterns	3 of 6	0	6	5	7	6	9	5	7	6	4	4	9	8	55 Working patterns
56 "Unemployment"	2 of 6	0	8	5	9	6	6	3	9	5	10	5	7	6	56 "Unemployment"
57 "Worklessness" (e.g. children, retired, carers)	3 of 6	1 of 6	8	5	7	8	6	3	9	7	10	5	7	8	57 "Worklessness" (e.g. children, retired, carers)
58 Geo-political impact (war and/or climate change)	1 of 4	0	9	5	10	2	5	2	-	-	-	-	8	7	58 Geo-political impact (war and/or climate change)
(a) mass migrations	1 of 6	2 of 6	9	5	8	4	10	2	9	5	10	2	7	6	(a) mass migrations
(b) pressure on resources	1 of 6	2 of 6	9	5	10	5	10	2	9	5	10	2	9	8	(b) pressure on resources
XI: FACTORS about CULTURE															XI: FACTORS about CULTURE
59 Social value of food	3 of 4	0	5	6	9	6	-	-	-	-	10	8	8	7	59 Social value of food
(a) "eating as social glue"	4 of 6	1 of 6	5	6	8	6	7	3	8	6	8	8	9	6	(a) "eating as social glue"
60 Food prices to consumers	2 of 6	2 of 6	9	6	10	5	9	4	8	5	10	7	8	4	60 Food prices to consumers
61 UK disposable income levels	4 of 5	1 of 5	8	6	9	6	9	7	-	-	7	3	7	6	61 UK disposable income levels
(a) proportion of UK income spend on food	4 of 6	1 of 6	7	6	8	6	9	7	8	5	10	4	8	7	(a) proportion of UK income spend on food
(b) proportion of Birmingham income spend on food	4 of 6	1 of 6	8	6	8	6	9	7	8	5	10	4	8	7	(b) proportion of Birmingham income spend on food
62 Food quality	5 of 6	0	9	6	10	7	10	6	7	7	10	7	9	5	62 Food quality
63 Education	5 of 6	1 of 6	10	6	8	7	10	4	8	8	10	7	9	6	63 Education
64 Demand	3 of 6	0	10	-	8	6	10	5	8	8	10	5	9	6	64 Demand
65 Scarcity	3 of 6	0	8	6	8	6	10	5	-	-	10	5	9	6	65 Scarcity
(a) impact of UK consumer hyper-selectivity	3 of 6	2 of 6	8	6	8	6	8	3	8	6	5	8	6	4	(a) impact of UK consumer hyper-selectivity
(b) external-to-UK demand on basic foodstuffs	3 of 6	3 of 6	8	6	8	6	8	3	8	6	8	4	8	4	(b) external-to-UK demand on basic foodstuffs
(c) excessive demand	2 of 6	3 of 6	8	6	8	5	8	3	8	6	10	3	7	4	(c) excessive demand
66 Evolution of UK palate	1 of 4	2 of 4	5	5	6	3	-	-	-	-	7	8	6	4	66 Evolution of UK palate
(a) ancestral evolutionary forces (e.g. for salt, sugar)	1 of 6	3 of 6	5	5	6	3	7	3	6	7	5	8	6	4	(a) ancestral evolutionary forces (e.g. for salt, sugar)
(b) new taste development	1 of 6	4 of 6	5	5	5	2	7	3	6	7	10	4	6	4	(b) new taste development
XII: MISCELLANEOUS															XII: MISCELLANEOUS
67 Redundant infrastructures	3 of 6	1 of 6	6	6	7	9	4	7	6	7	8	4	7	5	67 Redundant infrastructures
68 Ambient information	1 of 6	2 of 6	5	5	7	7	5	5	-	-	6	3	6	4	68 Ambient information
69 Surveillance	1 of 6	1 of 6	5	5	5	8	5	5	-	-	7	3	7	5	69 Surveillance
70 Family structures	3 of 6	1 of 6	6	5	8	7	9	5	7	6	10	4	8	6	70 Family structures

KEY			KEY		KEY		KEY		KEY		KEY	
Factors scoring 5 or 6 on importance and predictability	6+	6+	6+	6+	6+	6+	6+	6+	6+	6+	6+	6+
Unpredictability more than predictability	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >	4 or >
Unpredictability equal to predictability												