



Draft composite matrix and attributes
CCRI (James Kirwan, Damian Maye, Dilshaad Bundhoo and Dan Keech)
FIRAB (Gianluca Brunori)

Draft Composite Matrix					
Dimension / Sphere	Economic	Social	Environmental	Health	Ethical
Public	<ul style="list-style-type: none"> Affordability Creation & distribution of added value Contribution to economic development 	<ul style="list-style-type: none"> Information & communication Food security 	<ul style="list-style-type: none"> Resource Use Pollution 	<ul style="list-style-type: none"> Nutrition Food safety Traceability 	<ul style="list-style-type: none"> Animal Welfare Responsibility Labour relations Fair Trade
Scientific	<ul style="list-style-type: none"> Contribution to economic development Technological innovation Governance 	<ul style="list-style-type: none"> Consumer behaviour Territoriality 	<ul style="list-style-type: none"> Resource Use Biodiversity Efficiency Technological innovation Food waste 	<ul style="list-style-type: none"> Nutrition Food safety 	<ul style="list-style-type: none"> Fair Trade Animal welfare
Market	<ul style="list-style-type: none"> Efficiency Profitability / competitiveness Connection Technological innovation Resilience 	<ul style="list-style-type: none"> Information & communication Territoriality Connection 	<ul style="list-style-type: none"> Efficiency 	<ul style="list-style-type: none"> Traceability Food safety 	<ul style="list-style-type: none"> Fair Trade Territoriality
Policy	<ul style="list-style-type: none"> Creation & distribution of added value Contribution to economic development Efficiency Resilience Food waste 	<ul style="list-style-type: none"> Consumer behaviour Labour relations 	<ul style="list-style-type: none"> Food Waste Pollution 	<ul style="list-style-type: none"> Traceability Nutrition Food Safety 	<ul style="list-style-type: none"> Food Security Governance

List of attributes selected	
Affordability	Consumer behaviour
Creation and distribution of added value	Territoriality
Contribution to economic development	Labour relations
Technological innovation	Resource use
Governance	Pollution
Efficiency	Biodiversity
Profitability/competitiveness	Nutrition
Connection	Food safety
Resilience	Traceability
Food waste	Animal welfare
Information and communication	Responsibility
Food security	Fair trade

Italy

	Economic	Social	Environmental	Health	Ethical
Public	Healthy food GHG emissions Producers' income Affordability Food waste Labour rights Animal welfare	Obesity Healthy diets Biodiversity Producers' income Food security Labour rights	GHG emissions Landscape Information Food safety	Healthy Food Healthy diets Obesity Food safety Organic Availability Food security Information	GHG emissions Biodiversity Landscape Information Animal welfare Food waste Food security Food safety
Scientific	Food safety Producers' income National interest Affordability Information Animal welfare Territory Food waste	Food activism Traditional farming Producers' income Territory Food waste	Organic Landscape Biodiversity GHG emissions Territory	Healthy diets Animal welfare Information	Information Animal welfare Food activism
Market	National interest Information	Food security Traditional farming Food security	GHG emissions Pollution Information	Healthy food Territory Healthy diets Food safety Information	Information Territory Traditional farming Labour rights
Policy	Obesity Producers' income National interest	Producers' income Affordability Traditional farming	Biodiversity Organic Pollution	Healthy food Food safety	Food security

Belgium

	Economic	Social	Environmental	Health	Ethical
Public	Affordability	Support to the local economy Affordability	Energy Waste (Water) pollution	Food safety Healthy diets Taste	Authenticity Animal welfare Transparency
Scientific	Productivity		Energy Biodiversity & Land use	Healthy diets	
Market	Profitability & competitiveness Risk / Stability Productivity	Fair distribution of costs and benefits Labour satisfaction	Transparency	Transparency Healthy diets	Cultural Identity Animal welfare
Policy	Price stability Productivity	Fairness	Transparency	Transparency Healthy diets	

France

	Economic	Social	Environmental	Health	Ethical
Public	Profitability Land use Diversity	Access to food Employment Food quality Knowledge	Access to food Land use Patrimony Environmental pollution Techniques	Food quality Food safety Pathologies Employment	Governance Meaning Land use Traceability Diversity Autonomy Washing
Scientific	Profitability Employment Governance Washing	Access to food Knowledge Networks Employment Innovation	Patrimony Environmental pollution Techniques Diversity	Food quality Pathologies Employment	Networks Governance Meaning Justice
Market	Profitability Networks Innovation	Access to food Traceability Knowledge Autonomy Diversity	Patrimony Diversity Washing	Food quality Food safety	Patrimony Knowledge Meaning Justice
Policy	Profitability Employment Access to food Innovation	Employment Access to food Washing Knowledge	Environmental pollution Techniques Access to food	Food quality Food safety	Traceability Governance

Latvia

	Economic	Social	Environmental	Health	Ethical
Public	Affordability Efficiency Embeddedness	Embeddedness Affordability Consumer habits Labourforce	GMO Embeddedness	GMO Origins Risks	Affordability Labourforce
Scientific	Knowledge Cooperation	Affordability Cooperation Consumer habits		Diet	
Market	Support Economic development Identity Information accessibility Knowledge Origins Export Competitiveness	Identity Origins	Information accessibility	Diet	
Policy	Support Economic development Efficiency Procurement Information accessibility	Labourforce Control Procurement Information Cooperation	Control Information accessibility	Diet Control Information accessibility	Control GMO Information accessibility

Switzerland

	Economic	Social	Environmental	Health	Ethical
Public	Rural Development Economic resilience Food Waste	Value Distribution Social externalities Working conditions Social Capital	Climate change potential Biodiversity Land Use Environmental Pollution	Food Quality Food Safety Environmental pollution	Transparency Food Waste Animal Well-being
Scientific	Eco-efficiency Value creation	Land Use Environmental Pollution	Biodiversity Soil quality and preservation Eco-Efficiency Climate change potential	Food Quality Food Safety	Food Waste Biodiversity
Market	Value creation Economic resilience Traceability of Origin	Rural Development Value Distribution Social Capital Working conditions	Eco-Efficiency Food Waste	Traceability of Origin Food Quality	Food Safety Transparency Value distribution
Policy	Economic resilience Climate change potential Value creation	Working conditions Land Use Social externalities	Land Use Biodiversity Climate change potential Environmental Pollution	Food Safety Food Quality Traceability of Origin	Animal Well-being Food Waste

Netherlands

	Economic	Social	Environmental	Health	Ethical
Public	Affordability	Trust & commitment Accessibility	Nature & landscape values	Safety Freshness Lifestyle feasibility	Animal Welfare Fair Trade Authenticity
Scientific	Creation & distribution of added value Interlinkages with wider rural/regional economy	Loci of control in chain governance Rural cohesion & distinctiveness	Ecological efficiency Biodiversity	Awareness & responsiveness High-tech redesign of health claims	Integrity
Market	Competitiveness & Price stability	Trust & commitment Societal legitimacy to produce	Ecological efficiency Integrated natural resource management.	Traceability & Transparency Awareness & responsiveness	Freedom of choice Corporate social responsibility
Policy	Independency from public funding	Trust & commitment Rural cohesion Labour quality	Ecological efficiency Self-governance capacity	Health-risk manageability	Security & Resilience

Denmark

	Economic	Social	Environmental	Health	Ethical
Public	Price	Traceability Consumer information Social innovation	Food trends	Consumer information Traditions Food trends	
Scientific	Food Quality Price Competitiveness	Food quality Nearness Food security	Environmental sustainability Food waste	Ecology Food safety Food security	System regulation Food waste
Market	Food Quality Price Competitiveness	Food quality Nearness Food security	Seasonality/freshness Food safety	Seasonality/freshness Food safety	System regulation Food waste
Policy	Food waste System regulation	Responsibility Food literacy	Food miles Environmental sustainability	Responsibility	Tradition

Serbia

	Economic	Social	Environmental	Health	Ethical
Public	Government regulation	Rural development	Standardization Government regulation	Public health Food safety	GMO Food safety Responsibility
Scientific	Competitiveness Food chain structure Food demand transition Government regulation	Rural development Multifunctionality Responsibility	Natural resources management	Food safety Standardization Food demand transition	Sustainability Responsibility
Market	Competitiveness Accessibility Food security	Rural development	Sustainability	Food safety	Food safety High value added food.
Policy	Government regulation Food security	Multifunctionality	Sustainability	Food safety	

Senegal

	Economic	Social	Environmental	Health	Ethical
Public	Employment/income Availability/Affordability Easy utilisation/quality/safety-hygiene/freshness/conservation/nutrition Contribution to national economy Ecological efficiency/landscape-well being	Employment/income Availability/Affordability Contribution to local economy Easy utilisation/quality/safety - hygiene/freshness/conservation/nutrition	Ecological efficiency/landscape-well being	Easy utilisation/quality/safety-hygiene/freshness/conservation/nutrition Ecological efficiency/landscape-well being	
Scientific	Contribution to national economy Contribution to local economy	Contribution to national economy	Ecological efficiency/landscape-well being		(Food Security)
Market	Affordability/Availability Contribution to national economy Easy utilisation/quality/nutrition	Contribute to local Economy Availability/Affordability		Easy utilisation/quality/nutrition	
Policy	Contribution to national economy Contribution to local economy Employment/revenues Availability/Affordability Easy utilisation quality/nutrition Ecological efficiency landscape-well being	Contribution to national economy Contribution to local economy Availability/Affordability Employment/income	Ecological efficiency/landscape-well being	Easy utilisation/quality/nutrition	(Food security)

Peru

	Economic	Social	Environmental	Health	Ethical
Public	Availability/affordability Contribution to national and local economies	Availability/affordability Contribution to national and local economies	Contribution to national and local economies	Availability/affordability Health	
Scientific	Availability/affordability Contribution to national and local economies	Availability/affordability Contribution to national and local economies	Contribution to national and local economies	Availability/affordability Health	
Market	Availability/affordability Contribution to national and local economies	Availability/affordability Contribution to national and local economies			
Policy	Availability/affordability Contribution to national and local economies		Contribution to national and local economies	Availability/affordability Health	

United Kingdom

	Economic	Social	Environmental	Health	Ethical
Public	Affordability	Availability Trustworthiness	Biodiversity Resource use	Transparency Nutritional quality	Labour relations Fairness / equity
Scientific	Technological innovation	Connectivity Choice options	Resource use Food miles	Sustainable diet	Power distribution
Market	Competitiveness	Palatability	Efficiency	Food safety	Animal welfare
Policy	Reliability	Waste	Sustainable intensification	Obesity	Responsibility