



BUSINESS SUPPORT SERVICE PROTOTYPE

Questionnaire – business support service 1st part- company end product

Information	Options	Notes
Nature of product	Raw material Semi-finished product Additive End use product	
What is the use of the end product?	Packaging - Food - Nonfood - primary - secondary Non-packaging Single use product	
- If food packaging- Specify type of food & storage conditions	<ul style="list-style-type: none"> • Dry food • Wet food • Liquid • Storage time • Frozen • Room temperature • High temperature (<90°) • Oven • Microwave • Filtering 	
What is your base material?	<ul style="list-style-type: none"> • Virgin paper • Recycled paper • Mix recycled/virgin • Type of coated paper • Plastics <ul style="list-style-type: none"> • Biobased plastics • Biodegradable plastics • Recycled plastics 	
Do you buy or do you internally produce the biocomposite?	Buy externally Commodity product Product made to own specs Internal production	See technology session & additives

What type of document do you receive from your supplier?	<ul style="list-style-type: none"> • Technical data sheet, SDS • Declaration of conformity (certificates) • Analytical report 	
Will the end product be printed?	YES/NO	See technology session & additives
What are the main functionalities requested in the end product?	<ul style="list-style-type: none"> • Mechanical resistance • Barrier to gas (oxygen, water vapour, other..) • Barrier to liquid • Barrier to grease • Barrier to contaminants • Other 	
What is the legislation you need to comply with?	<ul style="list-style-type: none"> • EU & National Food contact • Waste Packaging Directive • REACH • Other 	
Any other specific request from your clients?	<ul style="list-style-type: none"> • International food contact legislations (FDA, Mercosur, China etc..) • Other 	
Main target of Product design	<ul style="list-style-type: none"> • Esthetics • Functionality • Material efficiency • Easier sorting of material • Consumer level • Waste management level 	
What is your first option regarding product end of life? Perhaps mark (with numbers) in order of preference	<ul style="list-style-type: none"> • Reuse • - own closed loop • - general • Recycling • - Biological treatment • - Composting • - biogasification • Thermo-valorization • Landfilling 	
What is your main sustainability goal?	Production side <ul style="list-style-type: none"> • Lower resource consumption • Energy • Material 	

	<ul style="list-style-type: none"> • Water <p>End of life side</p> <ul style="list-style-type: none"> • Favour local circular economy • Promote renewable biobased product • LCA optimized • Reduce carbon-footprint • Compliance to standard • Follow buyer specifications 	

Questionnaire – business support service 2nd part- Converting Technology and additives

Information	Options	Notes
What technology do you use to produce the biocomposite?	<ul style="list-style-type: none"> • Rod coating • Size press • Spraying • Extrusion coating • Lamination • Extrusion with lamination 	
Coating conditions What are main the limitation your current technology?	Capacity of the machinery Drying Temperature other	
Lamination conditions What are main the limitation your current technology?	Capacity of the machinery Size (width) Thickness Material specifications Adhesives Post treatment Other	
Extrusion conditions What are main the limitation your current technology?	Capacity of the machinery Size (width) Thickness Material specifications	

	Other	
Adhesion ("glued parts")		
Printing technology What are main the limitation your current technology?	Off-set Rotogravure Flexographic Laser printing Inkjet Pad printing Screen printing Digital printing	
Cutting		
Forming end product (e.g making box)		

Questionnaire – business support service 3rd part- Additives

Information	Options	Notes
Adhesives	Starch Polyvinil acetate (PVAc) Pressure sensitive adhesives (PSA) Hot melts Multi-components	
Inks	Off-set Rotogravure Water base Flexographic Solvent based flexo Low migration inks for food contact	