

PROTOCOL FOR HOSTING DEMONSTRATION PROJECT

This form has to be filled by owner of the farm and/or of processing unit e/o others, in order to give useful information to ICT SMEs needs fields, processing industries, etc., to test their technological solution(s).

Please fill "data" field with open text, or as specifically indicated.

A - FARM

CHAPTER A0: General information

ID.	Requisite	Data
A01	Contact person (name, email)	Manuel Pérez-Ruiz manuelperez@us.es
A02	Farm name	Future Farm. ETSIA University of Seville
A03	Address and Country	Ctr. Utrera Km 1 - 41013 – Seville (Spain).
A04	Experience in farm demonstration activities (years)	29 years (ETSIA University of Seville.)
A05	Land drainage if yes, water collectors	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A06	Practicability of fields in case of rain	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

CHAPTER A1: Structure of the farm

ID.	Requisite	Data
A11	Kind of soil (knowledge on soil analysis and composition)	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A12	Soil slope	Approx 1.5 %
A13	Hedges and / or ecological infrastructures	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A14	Stable grassland	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

CHAPTER A2: Focus on farm

ID.	Requisite			Data			
A21	Land without cultivation			Approx 1 ha			
A22	Arable crops - Approx 1 ha						
	Details	ORGANIC FARM	INTEGRATED CROP MGT FARM				
	Wheat	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				
	Barley		<input checked="" type="checkbox"/>				
A23	Vegetable crops - Approx ha						
	Details	OPEN FIELD	GREENHOUSE				
		ORGANIC FARMING	INTEGRATED CROP MGT. FARM			ORGANIC FARMING	INTEGRATED CROP MGT. FARM
	Lettuce		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
	Tomato		<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>
A24	Vine crops - Approx 0.01 ha						
	Details	ORGANIC FARM	INTEGRATED CROP MGT FARM				
	Vineyards		<input checked="" type="checkbox"/>				
A25	Orchards – Approx ha						
	Details	ORGANIC FARM	INTEGRATED CROP MGT FARM				
	Citrus		<input checked="" type="checkbox"/>				
	Apples		<input checked="" type="checkbox"/>				

	Olive trees		<input checked="" type="checkbox"/>													
	Cherry trees		<input checked="" type="checkbox"/>													
A26	<div>Livestock</div> <table border="1"> <thead> <tr> <th>Details</th> <th>Approx no.</th> <th>Breeding form</th> <th>Organic breeding (or other, please specify)</th> </tr> </thead> <tbody> <tr> <td>Rabbits</td> <td>20</td> <td></td> <td></td> </tr> <tr> <td>Chicken</td> <td>10</td> <td></td> <td></td> </tr> </tbody> </table>				Details	Approx no.	Breeding form	Organic breeding (or other, please specify)	Rabbits	20			Chicken	10		
Details	Approx no.	Breeding form	Organic breeding (or other, please specify)													
Rabbits	20															
Chicken	10															
A27	Other (specify)			Approx ha												

CHAPTER A3: Description of farm equipment

ID.	Requisite	Data
A31	Machines for soil tillage	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A32	Machines for weed control	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A33	Irrigation system(s) If yes what kind (specify): drip irrigation	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no _____
A34	Equipment with remote control (specify): We have a phenotyping platform, LiDAR, UniSpec-DC and a tractor with automatic guidance system. _____ _____ _____	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A35	Livestock and pastures - Radio frequency ID: Transmit identity data with tags attached to production units (mostly animals) that allow data collection on performance as well as individualized management - Automated milking, feeding, and monitoring systems: Perform milking or feeding operations automatically with robotic systems, often combined with sensors that collect basic biometric data on animals, thereby reducing labour needs and facilitating individualized animal management	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A36	Precision farming facilities If yes description (e.g.: GPS for straight line assistance, meteorological stations, soil sensors, etc.) following the scheme: - Precision Application technologies - Data acquisition technologies - Data analysis & evaluation technologies	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no _____ _____ _____
A37	If the answer in A36 is "no": do you have availability of data and information from private / public database? Please specify _____ _____	

CHAPTER A4: Description of facilities

ID.	Requisite	Data
A41	Irrigation connections on field head	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A42	Electricity in field availability	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A43	Electrical generator availability	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A44	Availability of tractors / machines equipped with GPS system	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A45	Availability of machines for harvest. If yes specify for which crop(s) <u>Citrus, Apples, Wheat</u>	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A46	Availability of refrigerated cells for storage and conservation	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A47	Availability of mechanical workshop: fixing ups, soldering, etc.	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A48	Availability of a storehouse with latch for equipment...	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A49	Availability of optical fibre / 4G connection for data transmission	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A410	Other availability (e.g., GPRS coverage on site, etc.)	<u>We have GPRS coverage and a point from the RAP Net: A Geodetic Positioning Network for Andalusia (South Spain)</u>

CHAPTER A5: Others conditions

ID.	Requisite	Data	
A51	Access site – (The cost will be quantified case by case)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
A52	Access to particular equipment – (The cost will be quantified case by case). In case the use of some special equipment will be necessary by final user/SME they will have to demonstrate a specific training / license to use it in compliance with National/local laws. not clear	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
A53	Availability of staff experienced to carry on and support field test trials – (The cost will be quantified case by case)	<input checked="" type="checkbox"/> yes	<input type="checkbox"/> no
In case of field management by third part:			
A54	Availability to lose part of the production based on reimbursement	<input type="checkbox"/> yes	<input type="checkbox"/> no
A55	Availability to apply experimental protocols supplied by third parts	<input type="checkbox"/> yes	<input type="checkbox"/> no
A56	Availability to host visitors during tests	<input type="checkbox"/> yes	<input type="checkbox"/> no
A57	Availability to sign confidentiality contracts	<input type="checkbox"/> yes	<input type="checkbox"/> no
A58	Presentation of the owner: introduction of the site and presentation of the owner motivation <hr/> <hr/>		

B - POST-HARVEST PROCESSING UNITS & OTHERS

CHAPTER B0: General information

ID.	Requisite	Data
B01	Contact person (name, email)	
B02	Unit name	
B03	Address and Country	
B04	Experience in demonstration activities (years)	
B05	Kind of units	

CHAPTER B1: Structure of the unit

ID.	Requisite	Data
B11	Physical description of the unit (location, geographical data, etc...)	_____

CHAPTER B2: Data about products/services

ID.	Requisite	Data																																			
B21	Description of products, or semi-products, or service or everything it is for you the output of your process																																				
	<table border="1"> <thead> <tr> <th colspan="3">PRODUCTION INDUSTRY</th> <th colspan="2">INDUSTRY</th> </tr> <tr> <th>Details</th> <th>FROM ORGANIC FARMING/ BREEDING</th> <th>FROM INTEGRATED CROP MGT FARMING/ BREEDING</th> <th>Details</th> <th>FROM ORGANIC FARMING/ BREEDING</th> <th>FROM INTEGRATED CROP MGT FARMING/ BREEDING</th> </tr> </thead> <tbody> <tr> <td>Product 1</td> <td>///</td> <td>///</td> <td>Product 1</td> <td>///</td> <td>Tomato sauces</td> </tr> <tr> <td>Product 2</td> <td>///</td> <td>///</td> <td>Product 2</td> <td>///</td> <td>Fruit Juices</td> </tr> <tr> <td>Product 3</td> <td>///</td> <td>///</td> <td>Product 3</td> <td>///</td> <td>Wine</td> </tr> <tr> <td>Product X</td> <td>///</td> <td>///</td> <td>Product X</td> <td>///</td> <td>///</td> </tr> </tbody> </table>		PRODUCTION INDUSTRY			INDUSTRY		Details	FROM ORGANIC FARMING/ BREEDING	FROM INTEGRATED CROP MGT FARMING/ BREEDING	Details	FROM ORGANIC FARMING/ BREEDING	FROM INTEGRATED CROP MGT FARMING/ BREEDING	Product 1	///	///	Product 1	///	Tomato sauces	Product 2	///	///	Product 2	///	Fruit Juices	Product 3	///	///	Product 3	///	Wine	Product X	///	///	Product X	///	///
	PRODUCTION INDUSTRY			INDUSTRY																																	
	Details	FROM ORGANIC FARMING/ BREEDING	FROM INTEGRATED CROP MGT FARMING/ BREEDING	Details	FROM ORGANIC FARMING/ BREEDING	FROM INTEGRATED CROP MGT FARMING/ BREEDING																															
	Product 1	///	///	Product 1	///	Tomato sauces																															
	Product 2	///	///	Product 2	///	Fruit Juices																															
	Product 3	///	///	Product 3	///	Wine																															
Product X	///	///	Product X	///	///																																
B22	Other standards / certification system (specify)	_____																																			
B23	Other useful details (specify and describe)																																				

CHAPTER B3: Description processing and “technological” equipment

ID.	Requisite	Data
B31	Processing equipment (specify): 1) _____ 2) _____ 3) _____	
B32	“Equipment to apply new technologies in the process unit (specify): 1) _____ 2) _____ 3) _____	

CHAPTER B4: Description of facilities

ID.	Requisite
B41	Please describe facilities included in your unit (list them in case of more than one)