

DIGILAB – Chateau Luchey Halde



CHAPTER A0: General information

ID.	Requisite	Data
A01	Contact person (name, email)	Jérôme Steffe
A02	Farm name	DigiLab / Château Luchey Halde
A03	Address and Country	17 Avenue du Maréchal Joffre, 33700 Mérignac, France
A04	Experience in farm demonstration activities (years)	1 year
A05	Land drainage if yes, water collectors	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" 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	< 1 %
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	Area (ha)			
	Total	8 ha			
A22	Arable crops	Organic farming Area (ha)		Integrated crop management farm (ICM) Area (ha)	
	Durum Wheat	-		-	
	Total (ha)	0		0	
A23	Vegetable crops	Open field		Green house	
		Organic Area (ha)	ICM farm Area (ha)	Organic Area (ha)	ICM farm Area (ha)
	Total (ha)	0		0	
A24	Vine	Organic farming Area (ha)		ICM Farm Area (ha)	
	Total	-		23 ha	
A25	Orchard	Organic farming Area (ha)		ICM Farm Area (ha)	
	Total (ha)	0		0	

A26	Livestock	Organic	Others (please specify)
	Total	0	0
A27	Other (specify)	Area (ha)	
	Total	0	

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) Please specify:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A34	Equipment with remote control Please specify:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A35	Livestock and pastures -Radio frequency ID -Automated milking, feeding, and monitoring systems	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A36	Precision farming facilities	
	-Precision Application technologies (If yes specify)	Yes <input checked="" type="checkbox"/> no
	-	
	-Data acquisition technologies (If yes please specify):	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
	<i>Weather station</i>	
	-Data analysis & evaluation technologies (If yes specify):	<input type="checkbox"/> yes <input checked="" 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:	yes <input checked="" type="checkbox"/> no

CHAPTER A4: Description of facilities

ID.	Requisite	Data
A41	Irrigation connections on field head	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A42	Electricity in field availability	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A43	Electrical generator availability	<input type="checkbox"/> yes <input checked="" 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):	<input type="checkbox"/> yes <input checked="" 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 type="checkbox"/> yes <input checked="" type="checkbox"/> no
A48	Availability of a storehouse with latch for equipment...	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A49	Possibility of connection for data transmission (3G, 4G, others) -	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A50	Other devices, data, equipment availability Please specify:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
	LoRa Network coverage	

CHAPTER A5: Other conditions

ID.	Requisite	Data
A51	Demo site profile: <ul style="list-style-type: none"> - Implementation of a solution in living conditions simply with practical feedbacks - Experimentation and test of the solution with technical/scientific support and assessment feedbacks - Existence of a formalized service offer 	<p>■ yes □ no</p> <p>■ yes □ no</p> <p>■ yes □ no</p>
A52	Conditioned access to particular equipment (please specify) In case of special equipments requiring a certified experience, the final user/SME should demonstrate a specific training / license to use it in compliance with National/local laws	<p>■ yes □ no</p>
A53	Availability of experienced staff to carry out and support field test trials	<p>■ yes □ no</p>
	How many experimentation/demonstration activities are developed on average /year?	<p>9 experimentations/year</p>
	How many qualified experts (technicians/researchers) are available?	<p>5 Qualified experts</p>
In case of field management by third part:		
A54	Possibility to lose part of the production based on reimbursement	<p>■ yes □ no</p>
A55	Possibility to apply experimental protocols supplied by third parts	<p>■ yes □ no</p>
A56	Possibility to host visitors during tests	<p>■ yes □ no</p>
A57	Possibility to sign confidentiality contracts	<p>■ yes □ no</p>

A58	Presentation of the owner: introduction of the site and presentation of the owner motivation. Specify if your facility is already devoted to digital innovation testing
	The Château Luchey Halde is one of the 7 wingrowing farms of DigiLab. DigiLab is a platform to test, improve and evaluate digital wine innovations

CHAPTER B2: Data about products/services

Requisite			Data	
Description of products, semi-products, service or any output of your process				
B21 Product	Production industry		Experimental Industry	
	Organic origin (unit)	ICM Origin (unit)	Organic origin (unit)	ICM Origin (unit)
Wine	-	800HI red wine 120HI white wine	-	-
Total	-	920HI	-	-
Particular standards / certification system (specify)				
Other useful details (specify and describe)				

CHAPTER B3: Description of processing and “technological” equipments

ID.	Requisite	Data
B31	Physical description of the unit (location, geographical data, etc...) (specify)	
	<u>Sorting machine</u>	
	<u>Barrels</u>	
	<u>Wine press</u>	
B32	Equipment to apply new technologies in the process unit (specify):	
	Thermoregulated tank	

