

## SUDEXPE

### CHAPTER A0: General information

ID.	Requisite	Data
A01	Contact person (name, email)	Xavier CRETE
A02	Farm name	SUDEXPE
A03	Address and Country	34590 Marsillargues, France 30800 Saint Gilles, France
A04	Experience in farm demonstration activities (years)	30 years
A05	Land drainage if yes, water collectors	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input 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 10 %
A13	Hedges and / or ecological infrastructures	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A14	Stable grassland	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

## CHAPTER A2: Focus on farm

ID.	Requisite	Data			
A21	Land without cultivation	Area (ha)			
	Total	-			
A22	Arable crops	Organic farming Area (ha)		Integrated crop management farm (ICM) Area (ha)	
	Wheat			20	
	Other			10	
	Total (ha)	-		30	
A23	Vegetable crops	Open field		Green house	
		Organic Area (ha)	ICM farm Area (ha)	Organic Area (ha)	ICM farm Area (ha)
	Melon		3		
	Asparagus		1		
	Total (ha)		4		
A24	Vine	Organic farming Area (ha)		ICM Farm Area (ha)	
	Total			0,3	
A25	Orchard	Organic farming Area (ha)		ICM Farm Area (ha)	
	Apple	3		10	
	Stone fruit	0,7		4	
	Apricot	0,4		5	
	Cherry	0,15		0,8	
	Pomegranate			1	
	Kaki			0,3	
	Total (ha)	4 ha		21 ha	

## CHAPTER A3: Description of farm equipment

ID.	Requisite	Data
A31	Machines for soil tillage	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A32	Machines for weed control	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A33	Irrigation system(s) Please specify:	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
	-    Sprinklers	
	-    Drip Irrigation systems	
A34	Equipment with remote control Please specify:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A36	Precision farming facilities	
	-Precision Application technologies (If yes specify)	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
	-    Predictive Models	
	-Data acquisition technologies (If yes please specify):	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
	-    Weather stations,	
	-    Soil & plant Sensors	
	-Data analysis & evaluation technologies (If yes specify):	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
	-Others (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:	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no

## 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 type="checkbox"/> yes <input checked="" type="checkbox"/> no
A44	Availability of tractors / machines equipped with GPS system	<input type="checkbox"/> yes <input checked="" 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 checked="" type="checkbox"/> yes <input 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	Possibility of connection for data transmission (3G, 4G, others) a	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A50	Other devices, data, equipment availability Please specify:	<input type="checkbox"/> yes <input type="checkbox"/> no

## CHAPTER A5: Other conditions

ID.	Requisite	Data
A51	<b>Demo site profile:</b> <ul style="list-style-type: none"> <li>- Implementation of a solution in living conditions simply with practical feedbacks</li> <li>- Experimentation and test of the solution with technical/scientific support and assessment feedbacks</li> <li>- Existence of a formalized service offer</li> </ul>	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A52	<b>Conditioned access to particular equipment (please specify)</b> 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	<input type="checkbox"/> yes <input checked="" type="checkbox"/> no
A53	<b>Availability of experienced staff to carry out and support field test trials</b> How many experimentation/demonstration activities are developed on average /year? How many qualified experts (technicians/researchers) are available?	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no   
In case of field management by third part:		
A54	Possibility to lose part of the production based on reimbursement	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A55	Possibility to apply experimental protocols supplied by third parts	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A56	Possibility to host visitors during tests	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no
A57	Possibility to sign confidentiality contracts	<input checked="" type="checkbox"/> yes <input type="checkbox"/> no

	<p>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</p> <p>SudExpé, is the Applied Research centre of the Languedoc, Rhône-Méditerranée production basin and the first experimental scheme for fruit and vegetables in the Occitania Region and the Far South East to meet the expectations of professionals in terms of innovation and applied research in a solid partnership with the Hérault and Gard Chambers of Agriculture and the Occitanie Regional Chamber of Agriculture.</p> <p><b>A58</b> The missions de SUDEXPE :</p> <ul style="list-style-type: none"> <li>-As an applied research tool, SUDEXPE aims to provide operational responses to producers on issues specific to each species (variety selection and crop protection), as well as on strategic and transversal issues in several sectors (irrigation, machinery, agronomy, climate change, etc.).</li> <li>- As an innovation centre, SUDEXPE is intended to be the relay for innovative operating system solutions for producers to enable them to anticipate tomorrow's societal demands (respect for the environment, biodiversity, water resources, etc.) and market challenges.</li> </ul>
--	--