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) | Thomas Bartzanas / thomas.bartzanas@gmail.com |
| A02 | Farm name | CERTH / IBO experimental facilities |
| A03 | Address and Country | Volos and Thessaloniki,Greece |
| A04 | Experience in farm demonstration activities (years) | 20 |
| A05 | Land drainage  if yes, water collectors | * yes X no * yes X no |
| A06 | Practicability of fields in case of rain | X yes □ no |

CHAPTER A1: Structure of the farm

|  |  |  |
| --- | --- | --- |
| ID. | Requisite | Data |
| A11 | Kind of soil (knowledge on soil analysis and composition) | X yes □ no |
| A12 | Soil slope | Approx 5 % |
| A13 | Hedges and / or ecological infrastructures | * yes X no |
| A14 | Stable grassland | * yes X no |

CHAPTER A2: Focus on farm

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID. | Requisite |  | Data |  |
| A21 | Land without cultivation |  | Approx ha 10 |  |
| A22 | Arable crops - Approx 5 ha  Details ORGANIC INTEGRATED FARM CROP MGT  FARM  Crop 1 Cotton  Crop 2  Crop 3 Crop X |  |  |  |
| A23 | Vegetable crops - Approx ha  Details OPEN FIELD GREENHOUSE  ORGANIC INTEGRATED ORGANIC INTEGRATED FARMING CROP MGT. FARMING CROP MGT.  FARM FARM  Crop 1 Pepper Tomato  Crop 2  Crop 3 Crop X | | |  |
| A24 | Vine crops - Approx ha  Details ORGANIC INTEGRATED FARM CROP MGT  FARM  Crop 1 |  |  |  |
| A25 | Orchards – Approx ha  Details ORGANIC INTEGRATED FARM CROP MGT  FARM  Crop 1 Apples  Crop 2 |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | Crop 3  Crop X |  |
| A26 |  | Livestock  Details Approx no. Breeding Organic  form breeding  (or other, please specify)  Livestock 1  Livestock 2  Livestock 3 Livestock X |  |
| A27 |  | Other (specify) | Approx ha |

CHAPTER A3: Description of farm equipment

|  |  |  |
| --- | --- | --- |
| ID. | Requisite | Data |
| A31 | Machines for soil tillage | X yes □ no |
| A32 | Machines for weed control | X yes □ no |
| A33 | Irrigation system(s)  If yes what kind (specify) | X yes □ no  Drip irrigation |
| A34 | Equipment with remote control (specify): | * yes X 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 | * yes □ no * yes □ no |
| A36 | Precision farming facilities  If yes description (e.g.: GPS for straight line assistance, metereological stations, soil sensors, etc.) following the scheme:   * Precision Application technologies * Data acquisition technologies * Data analysis & evaluation technologies | X yes □ no  Robots, drones, sensors  Data loggers  Specific software |
| 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 | X yes □ no |
| A42 | Electricity in field availability | X yes □ no |
| A43 | Electrical generator availability | X yes □ no |
| A44 | Availability of tractors / machines equipped with GPS system | X yes □ no |
| A45 | Availability of machines for harvest. If yes specify for which crop(s)  Cotton  \_  \_ | X yes □ no |
| A46 | Availability of refrigerated cells for storage and conservation | * yes X no |
| A47 | Availability of mechanical workshop: fixing ups, soldering, etc. | * yes X no |
| A48 | Availability of a storehouse with latch for equipment… | * yes X no |
| A49 | Availability of optical fibre / 4G connection for data transmission | X yes □ no |
| A410 | Other availability (e.g., GPRS coverage on site, etc.) |  |
|  |  |  |

CHAPTER A5: Others conditions

|  |  |  |
| --- | --- | --- |
| ID. | Requisite | Data |
| A51 | Access site – (The cost will be quantified case by case) | X yes □ 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 lows. not clear | X yes □ no |
| A53 | Availability of staff experienced to carry on and support field test trials – (The cost will be quantified case by case) | X yes □ no |
| In case of field management by third part: | | |
| A54 | Availability to lose part of the production based on reimbursement | X yes no |
| A55 | Availability to apply experimental protocols supplied by third parts | X yes □ no |
| A56 | Availability to host visitors during tests | X yes □ no |
| A57 | Availability to sign confidentiality contracts | X yes □ no |
| A58 | Presentation of the owner: introduction of the site and presentation of the owner motivation  Experimental facilities of research organization dealing with bio-economy and agrotechnology | |
|  |  |  |

# 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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| P R O D U C T I O N I N D U S T R Y | | |  |  |  |
| 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 /// |  | /// |

|  |  |  |
| --- | --- | --- |
| ID. | Requisite | Data |
| B21 | Description of products, or semi-products, or service or everything it is for you the output of your process  I N D U S T R Y | |
| 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 that one) |