

Address of the building: Mill of Palacret, 22140 Saint-Laurent

Date of pre-diagnosis : Monday, January 26, 2015

| A – Site and environment | | | | | | | |
|---|----------|----------------|------------|---------------|---------------------|-------------|-----------------|
| 1. Historical Data | | | | | | | |
| | The barn | The bread oven | the Chapel | The longhouse | The Resource Centre | The offices | The locker room |
| Date of construction and initial use: | | | | | | | |
| Date of change of use: (specify use) | | | | | | | |
| Year of renovation / rehabilitation: | | | | | | | |

2. Climate data

Location :

Orientation :

Climate :

Windward position :

Rain :

Distant masks :

Close masks :

Site diagram and meteorological data

3. Environmental impact data

Annual energy consumption:

Annual energy cost:

Related emission of greenhouse gas:

Annual water consumption:

Annual water cost:

Specify:

Electricity (kWh):

Wood (m3):

Equivalent tons CO2 / year for electricity:

Equivalent tons CO2 / year for wood:

Comments :

4. Occupancy data

| | The barn | The bread oven | the Chapel | The longhouse | The Resource Center | The offices | The locker rooms |
|--|----------|----------------|------------|---------------|---------------------|-------------|------------------|
| Annual occupancy time: | | | | | | | |
| Occupancy type (regular, irregular, very occasional ...) | | | | | | | |
| Daily attendance and number of people / year: | | | | | | | |
| Average indoor temperature in winter: | | | | | | | |

B – Building (specify:)

1. Shape, area, volume

Total area (all levels):

Number of levels:

Heated surface (S):

Heated volume (V):

Compactness = S / V

Inertia (low, medium or high)

Details :

1. Envelope and equipments

- **Low floor composition (from outside to inside):**

Total thickness:

Insulating material: YES or NO

If YES, specify thickness and type of insulation:

- **Wall composition (from outside to inside):**

Total thickness:

Insulating material : YES or NO

If YES, specify thickness and type of insulation:

Presence of moisture on the walls: YES or NO

Diagram of the walls:

- **Composition of external joinery:**

Type of glazing:

Material used:

State of joints (none, poor condition, good condition)

- **Composition of the roof or top floor (heated space limit) (from outside to inside):**

Total thickness:

Insulating material: YES or NO

If YES, specify thickness and type of insulation:

Diagram:

Heating:

Energy used (specify if more than one):

Method of production:

Year (if provided):

Distribution (isolated or not)

Regulation or programming system: YES or NO

Emission (eg floor heating, radiator ...)

Fireplace: YES or NO

Domestic hot water:

Energy used (specify if more than one):

Method of production:

year:

Storage volume:

Distribution (isolated or not)

Presence of water-saving equipments: YES or NO

Additional explanations and diagrams:

Lighting:

Natural light (none, low, correct or strong):

Artificial light (type, power and number):

Ventilation:

Natural, simple flow double flow:

Presence of air inlets (specify number):

Presence of exhaust outlets (specify number and relevant rooms):

Engine location (if mechanical ventilation)

Obsolescence or fouling (engine, air outlet, air intake):

Additional explanations and diagrams:

Specific appliances (specify number and power) :

fridge:

freezer:

Microwave:

coffee Maker:

oven:

Kettle:

computers:

Screens:

television:

others:

Workshop 2 of outreach cycle – Living Lab Palacret

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