

2. PROJECT

2.1 Project framework

2.1.1 Location of the project area



Municipality: Casali del Manco

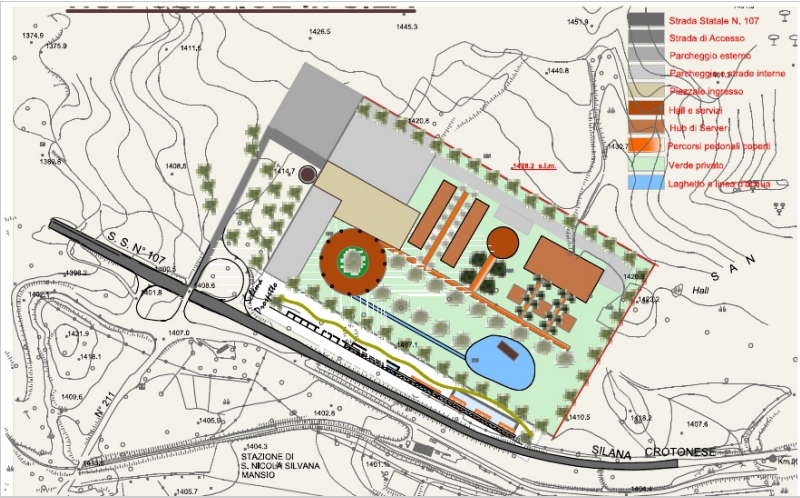
Location:

Plot size: 10,000 sqm

Ownership of the area: The area identified at Silvana Mansio is owned by, and falls under the responsibility of, the Province of Cosenza

Status of discussions with the entity holding title to the property (owner / institutional or management authority): The Provincial Authority is interested in the development of this landmark facility of interregional significance.

2.1.2 Brief description of the intervention



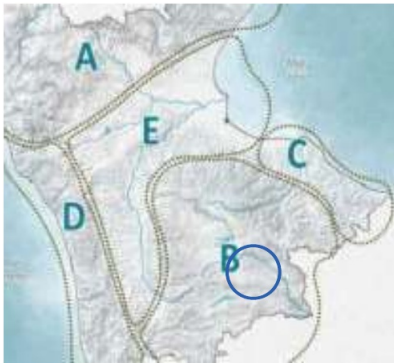
The intervention consists of building a facility to support IT data storage and archiving.

2.1.2 Works and infrastructure highlights

- Construction of the building, turnkey, using prefabrication techniques
- New accessibility works, both internal and connecting to the SS 107
- Sustainability, energy efficiency, lighting based on a dedicated lighting study, home automation and innovative solutions
- Landscaped outdoor spaces including parking, green areas and relaxation areas with a natural water feature
- Parking areas will be lit and finished for full driving comfort and shelter

2.1 Territorial analysis and interpretation

2.1.1 Morphological framework



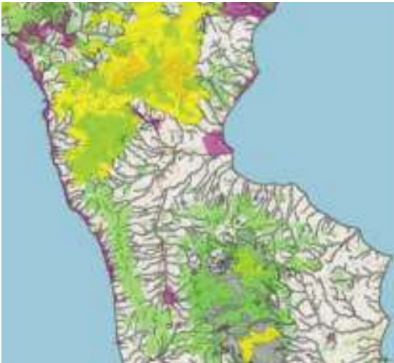
- ☐ Intervention area
- The intervention area falls within the following context:
- ☐ Pollino mountain range
 - ☒ **Sila plateau**
 - ☐ Ionian coastal range
 - ☐ Tyrrhenian coastal range
 - ☐ Crati valley and Sibari plain

2.1.2 Infrastructure and socio-economic system



- ☐ Intervention area
- The intervention area intersects the following systems:
- ☐ Backbone system
 - ☒ **Intermediate system**
 - ☐ Minor settlements
 - ☐ Sparsely populated areas
- Close to:
- ☒ **National parks**
 - ☒ **National transport links**
 - ☐ Main routes and hubs
 - ☐ Most populated centres

2.1.3 Constraints and protections



- ☒ Constraints under Arts. 136 & 157
- ☐ Intervention area
- ☐ Coast & water-body buffer zone
 - ☐ Mountains above 1600m or 1200m
 - ☐ Parks
 - ☐ Woodland
- The intervention area intersects the following constraints and protections:
- Legislative Decree 42/2004 "decreed" constraints
Arts. 136, 157, 142 c.1 letter M
- ☐ Constraints under Arts. 136 & 157
- Legislative Decree 42/2004 "by operation of law" constraints
Art. 142 c.1, excl. letters E, H, M
- ☒ **Coast & water-body buffer zones (small part)**
 - ☒ **Mountains above 1600 or 1200 metres**
 - ☒ **Parks**
 - ☐ Woodland
 - ☐ Legislative Decree 42/2004 Art. 10 constraints
- Habitats Directive 92/43/EEC
- ☒ **Natura 2000 Network**

2.1.4 Fragility



- ☒ very high Landslide hazard
- ☐ medium ISPRA 2020
- ☐ low
- ☒ very high Hydraulic hazard
- ☐ high ISPRA 2020
- ☐ moderate
- ☐ Intervention area
- The intervention area intersects the following fragilities:
- Hydraulic hazard – ISPRA 2020
- ☒ **high**
 - ☐ medium
 - ☐ low
- Landslide hazard – ISPRA 2020
- ☐ very high
 - ☐ high
 - ☐ medium
 - ☐ moderate
- The intervention area intersects the following seismic zones:
- 2004 seismic classification
Calabria Region Civil Protection seismic risk map
- ☒ **zone 1 (high hazard)**
 - ☐ zone 2 (medium hazard)

1.2 Coherence with works of strategic regional interest

1.2.1 Positioning of the intervention within the regional strategic framework



1.2.2 Potential impact of the intervention on the regional network

The strategic projects of the Calabria Region, in the production and trade sector as well as in the food-and-wine and agritourism sector, help to increase the appeal and interest of holidaymakers, nature enthusiasts and connoisseurs of quality gastronomy. Such initiatives position Calabria as a favoured destination for those seeking authentic experiences, combining tradition, innovation and sustainability within a highly valuable natural setting.

1.2.3 Coherence with provincial development strategies

- **Settlement development:** broadening relationships, opening up the local context to the wider supra-municipal area.

1.2.3 Synergy with the other strands of the "A single territory between two seas" project

In line with what has already been achieved in northern European countries and in some areas of northern Italy, this project proposes the creation of a server HUB intended for public bodies, institutions and private entities. The data centre, designed to ensure maximum efficiency, will be located in a strategic position, free from natural hazards and close to the main cable connectivity infrastructure. The data centre will be designed to guarantee the highest level of security, with high redundancy and robust connectivity. The infrastructure will be equipped with an uninterruptible power supply, a sustainable cooling system and active surveillance 24 hours a day, 7 days a week, 365 days a year, ensuring high performance, maximum security and operational continuity. The facility will be surrounded by a fence at least 3 metres high, integrated with an advanced video-surveillance system.

The building will be a maximum of two storeys and will feature architecture that blends harmoniously into the surrounding context; it will be located on land owned by the Province, at the SS107 junction toward Silvana Mansio. Construction will use a solid prefabricated structure, optimised for energy efficiency and savings. The project envisages a total surface area of 10,000 sqm, divided into five main blocks of approximately 2,000 sqm each, which can be built in a modular fashion according to need. In the initial phase, two modules of 1,000 sqm each will be built to start operations, with the rest of the complex to be completed subsequently.