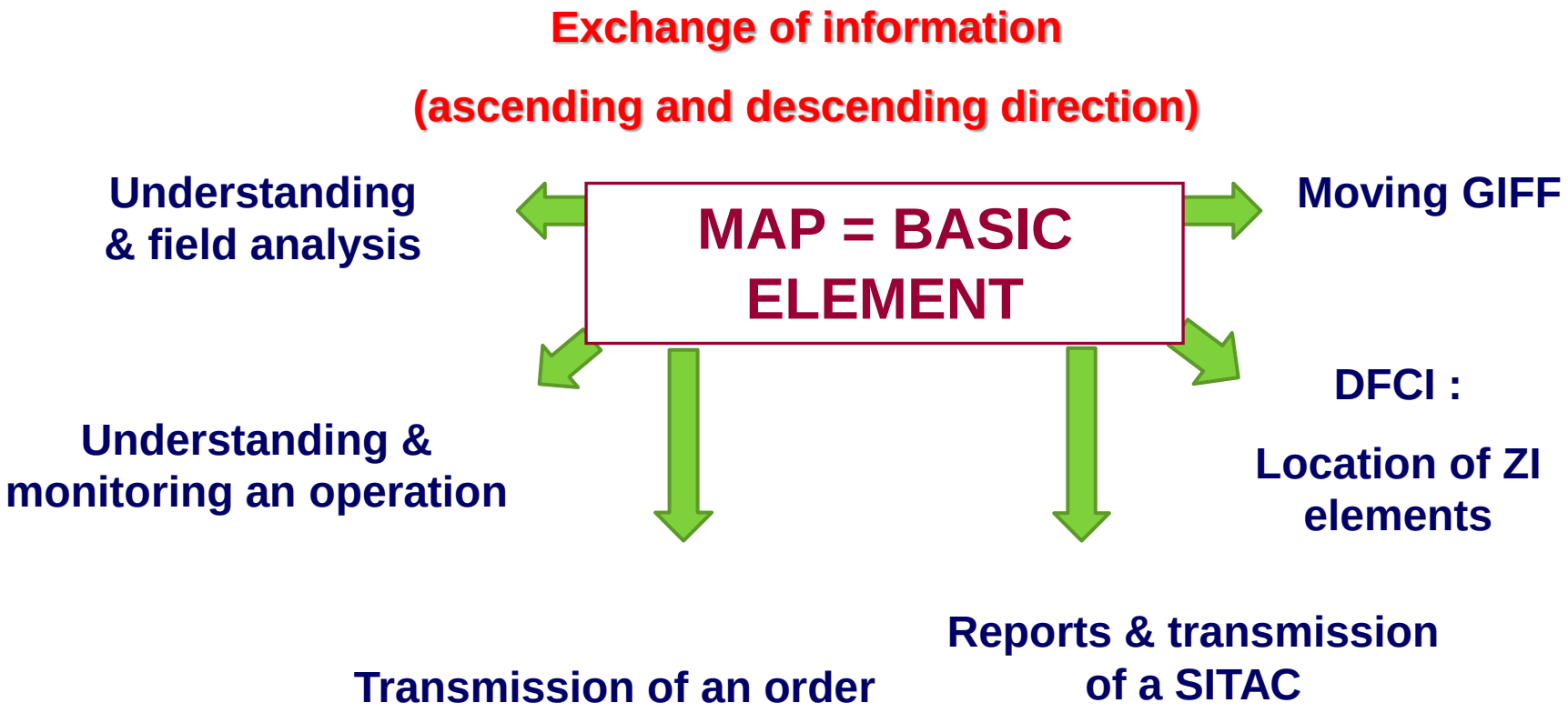
VALABRE

ANTICIPER VOTRE PRÉSENT

DFCI mapping and analysis of the intervention area

Présentation accueil délégation étrangére

THE MAP

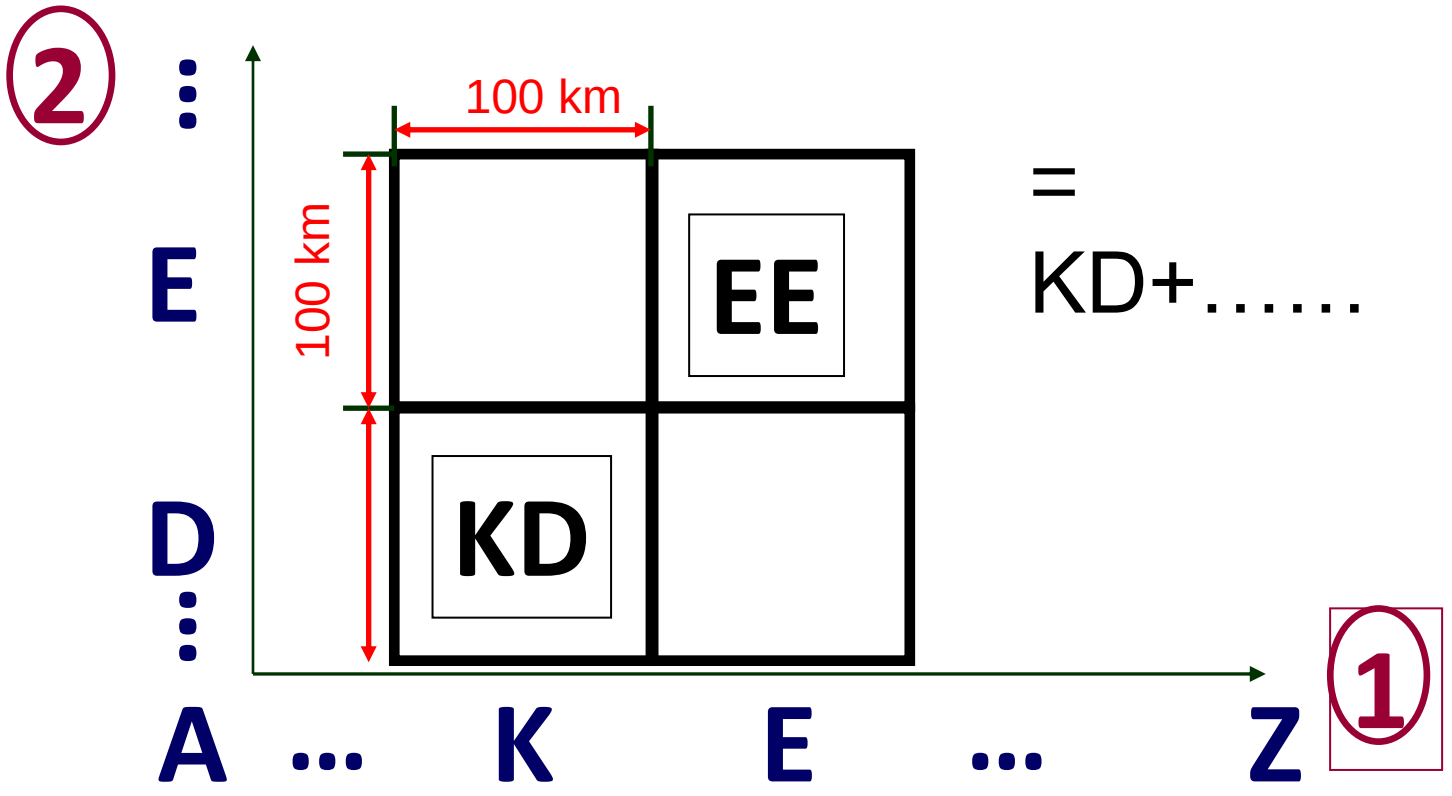


The maps used by firefighters when fighting fires in forests and natural areas are largely Forest Defense Against Fire (DFCI) maps.

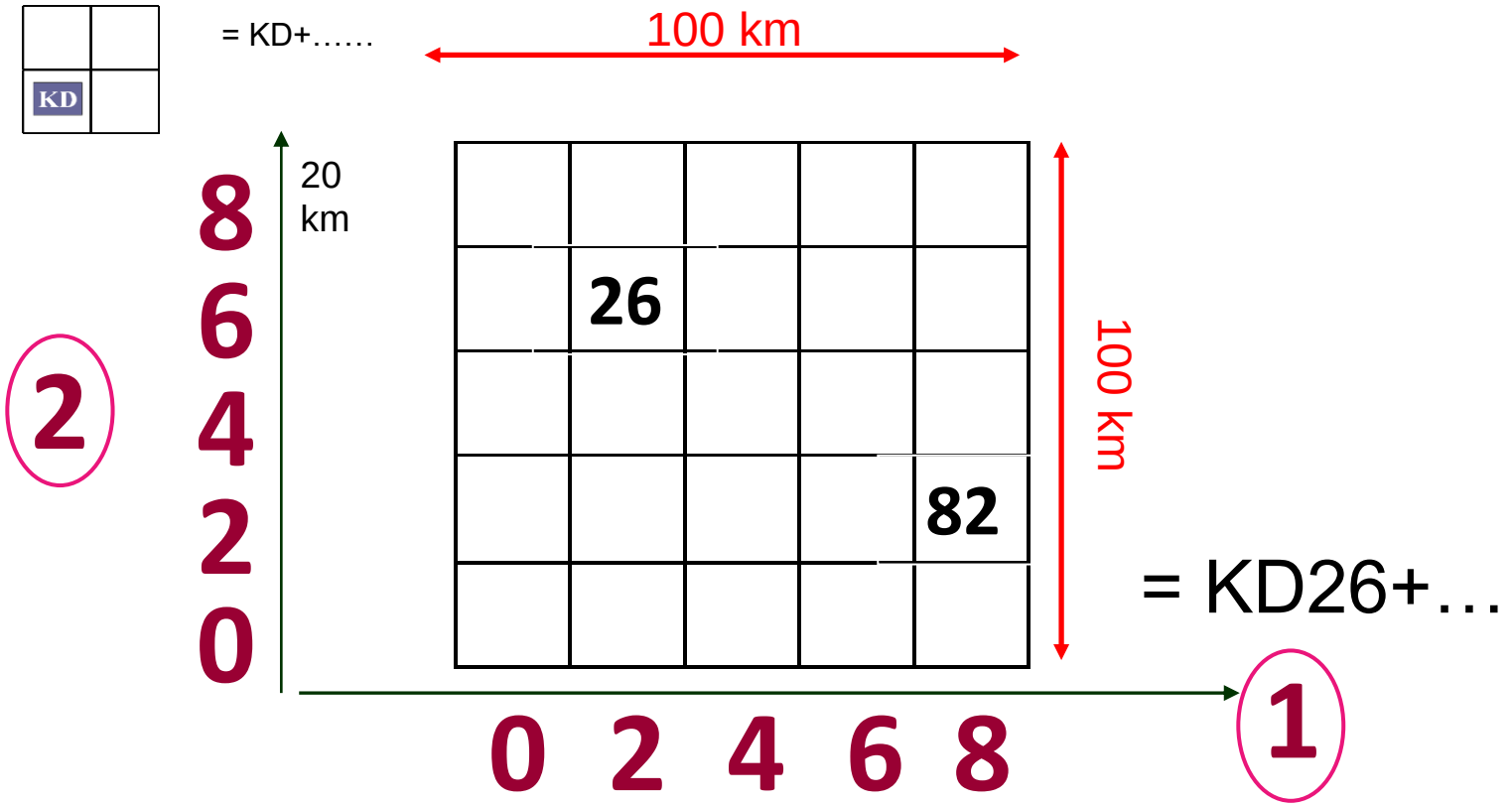
COORDINATES

The DFCI grid is a geographical grid corresponding to a division of metropolitan France into a 100 km square.

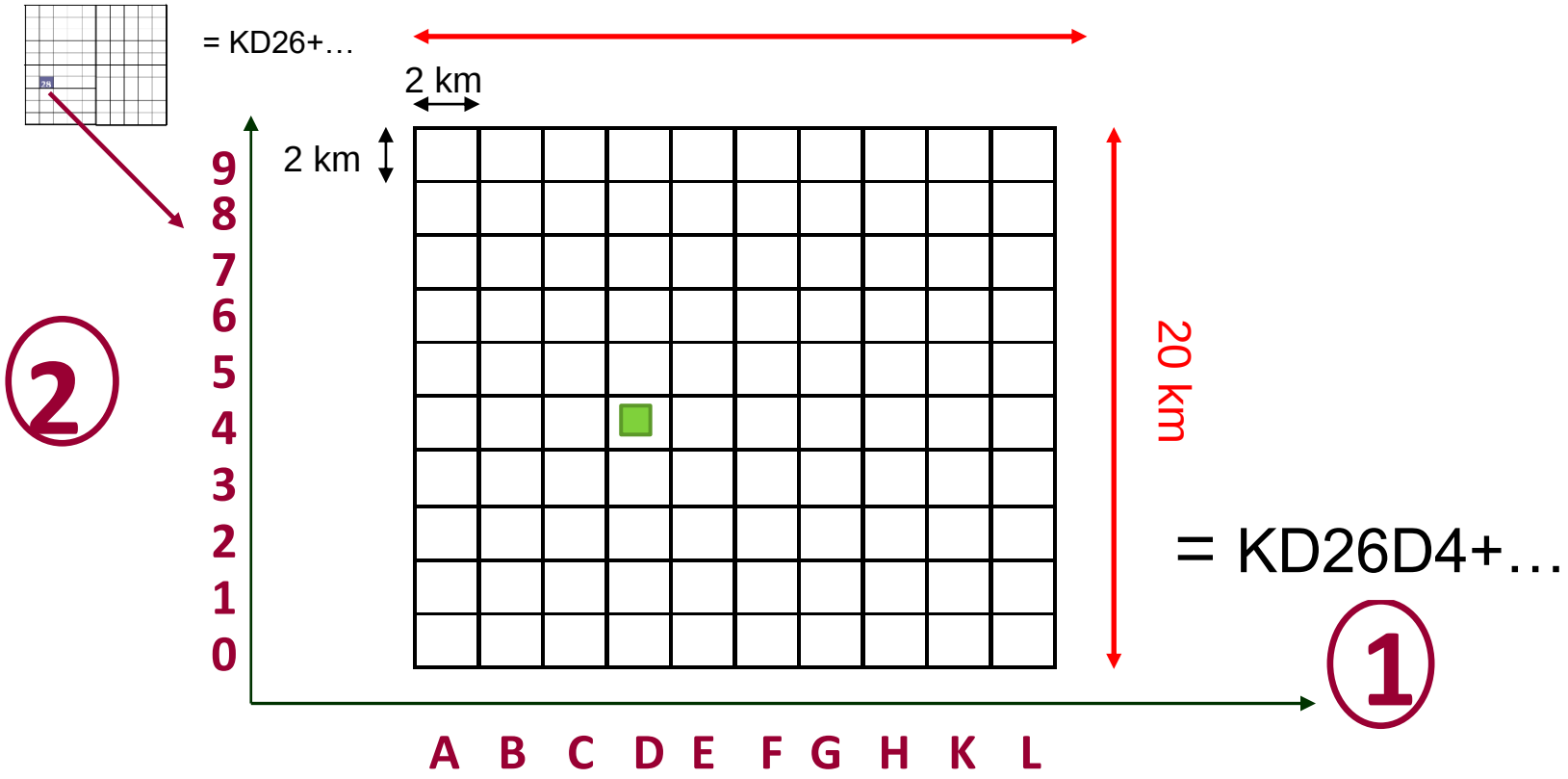
COORDINATES



COORDINATES

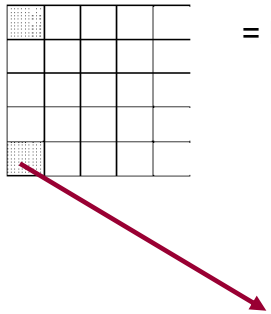


COORDINATES

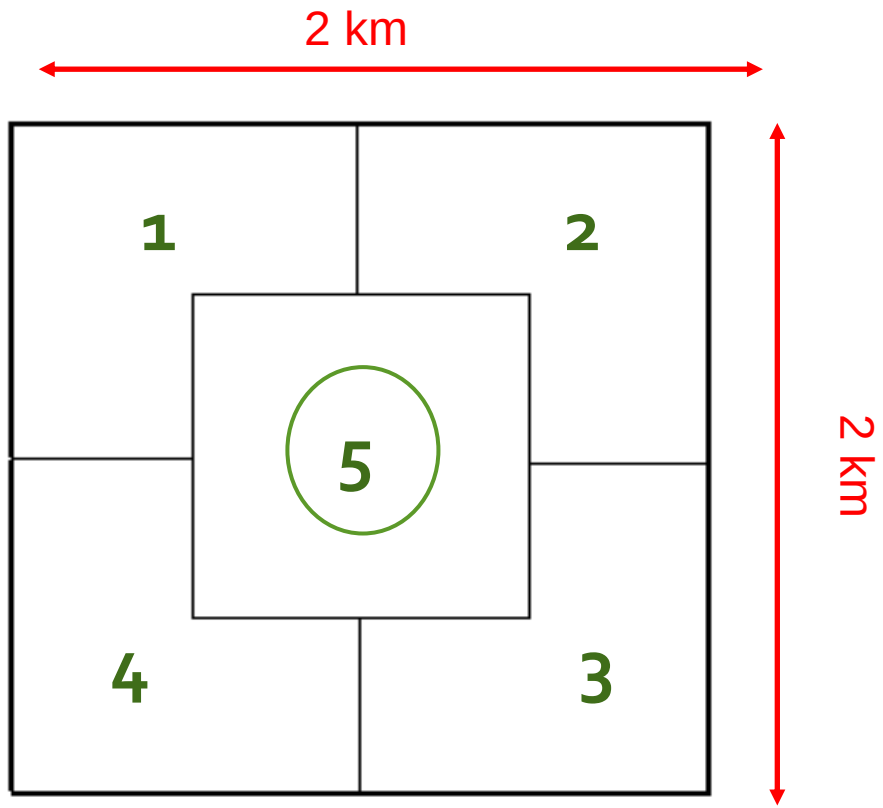


COORDINATES

The elementary unit is a square with a side of 2 kilometers, defined by 6 characters, as in the example below :



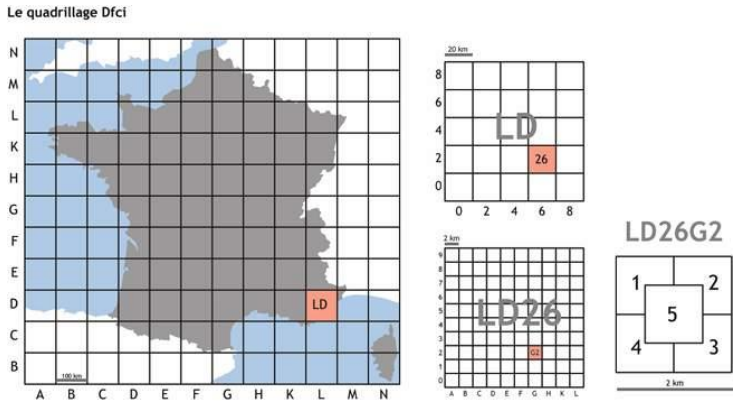
= KD26D4 +…



= KD26D4.5

Each square of 2 km by 2 km therefore represents an area of 400 hectares.

COORDINATES DFCI



KD 26 D4 .5

100 km

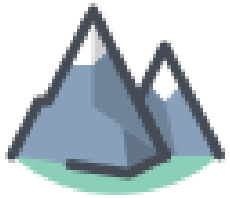
20 km

2 km

Intra 2 km

ANALYSIS OF THE INTERVENTION ZONE

We will analyze the intervention area through its 3 main components:



Topography

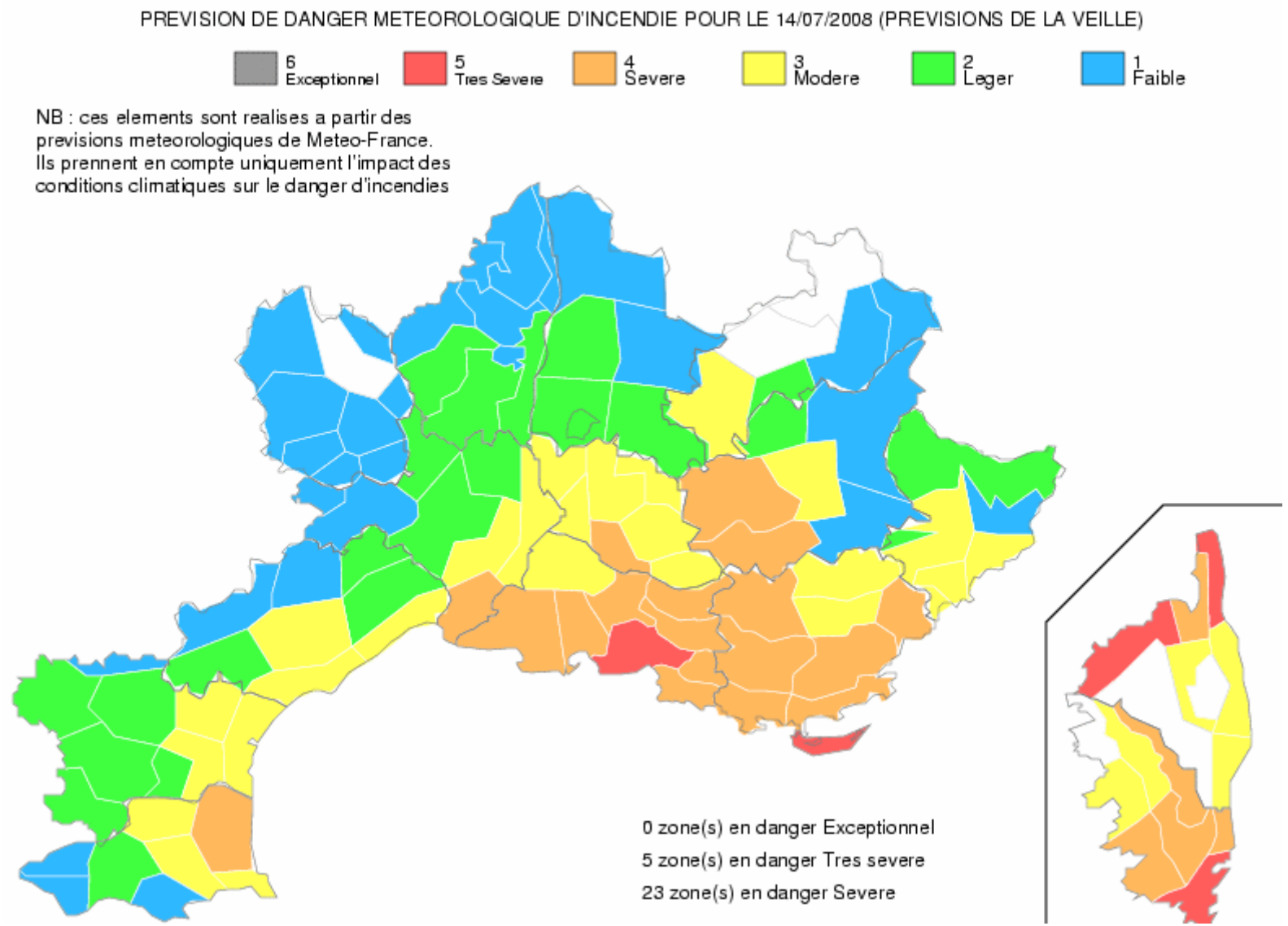
Population

Data
Meteorological and astronomical

Objective of the analysis:

Know the environment in which you operate and be able to highlight the problems posed by the environment and the resources that you can find there.

GENERAL FRAMEWORK OF INTERVENTION



GENERAL FRAMEWORK OF INTERVENTION

CALENDAR

Date / hour

ASTRO/WEATHER CONDITION

Wind: Sector / strength
Temperature
Hygrometry / Rainfall

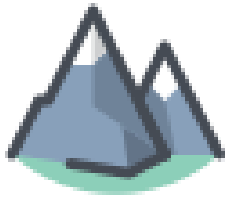
FIRE

Starting point
Speed of propagation
Area (traveled and threatened)

Area size/position

Sector studied
Municipalities concerned
Disaster and disaster area

TOPOGRAPHY



Leveling

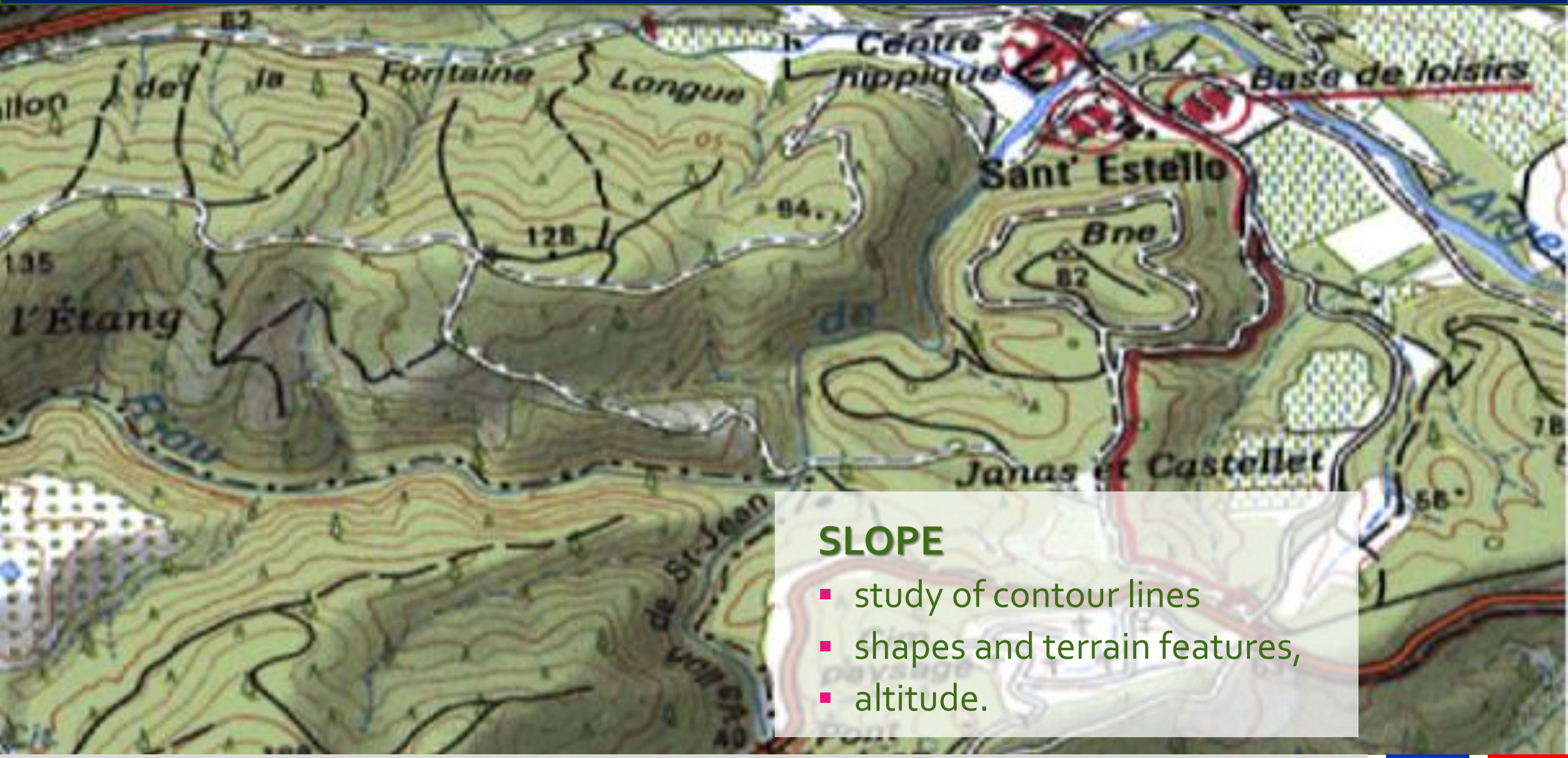
It is the study of relief

+

Planimetry

It is the study of natural and artificial resources present on the ground

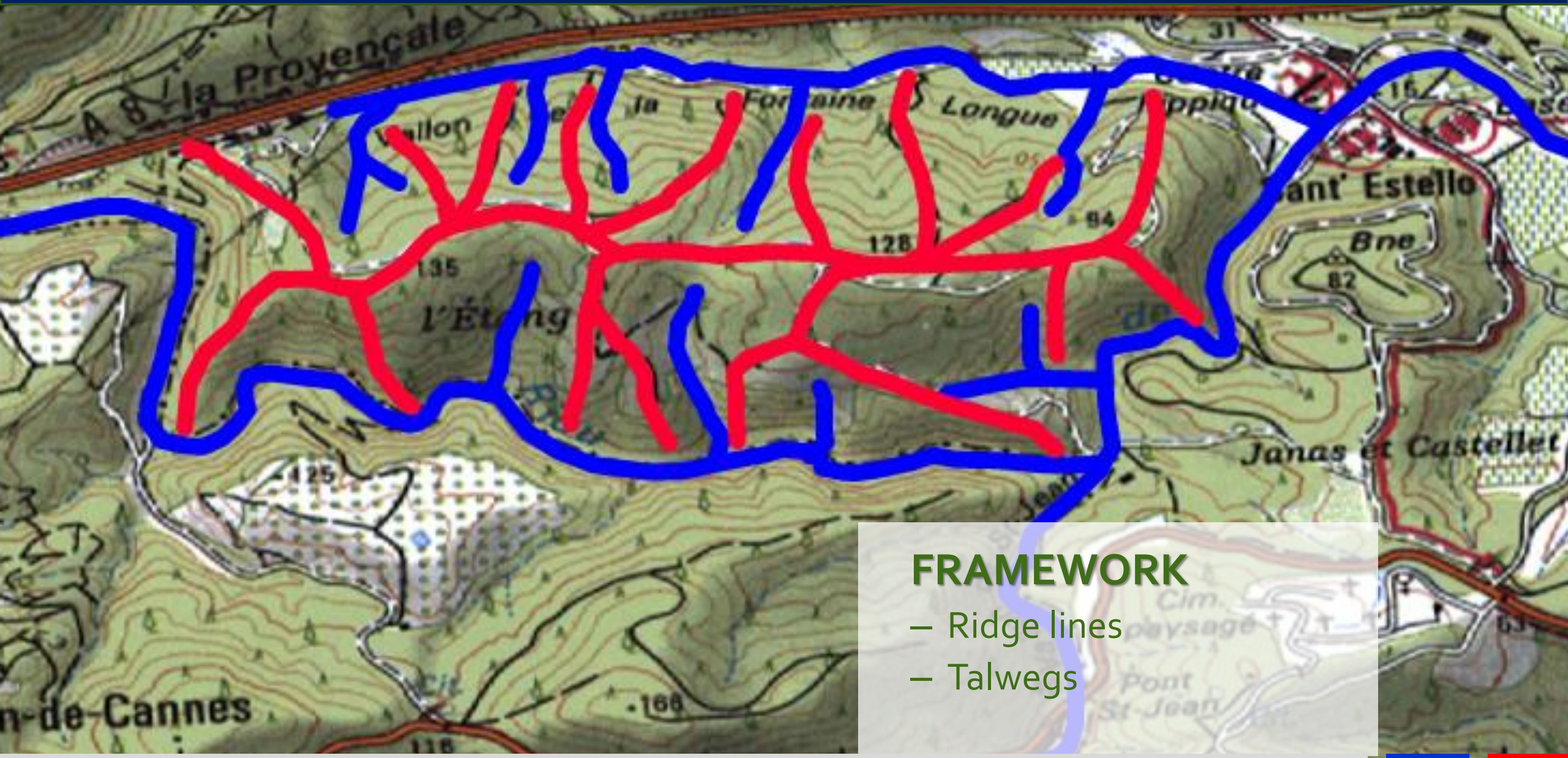
LEVELING



SLOPE

- study of contour lines
- shapes and terrain features,
- altitude.

LEVELING



FRAMEWORK

- Ridge lines
- Talwegs

WAY OF COMMUNICATION

ACCESS

Allows you to get to the intervention area

ROCADES

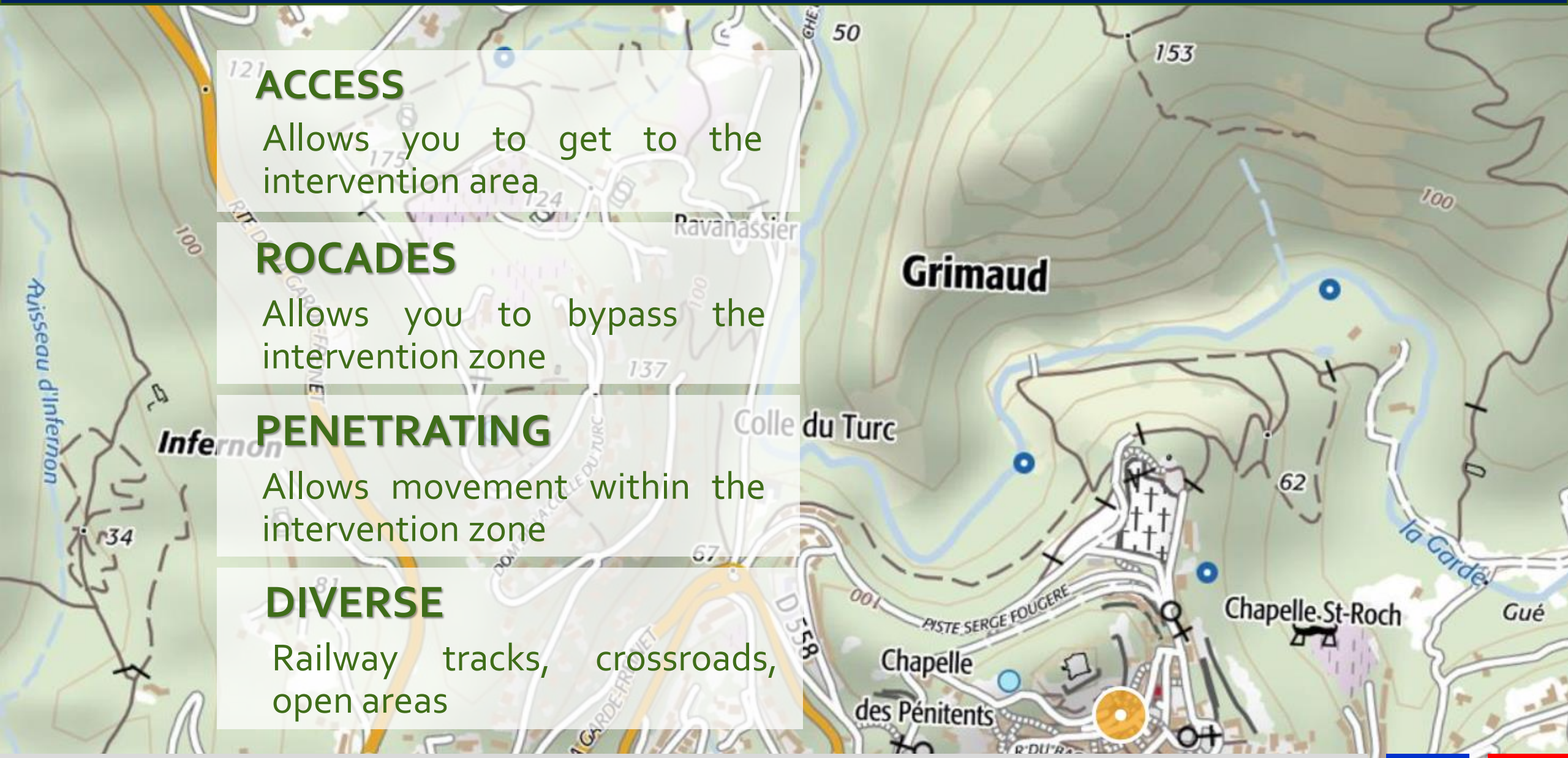
Allows you to bypass the intervention zone

PENETRATING

Allows movement within the intervention zone

DIVERSE

Railway tracks, crossroads, open areas



WATER POINTS

WATER COURSES

Location in the area

Crossing possibilities

FIRE POSTS

Quantity

Distribution

DFCI TANKS

Ability

Distribution

COOLING/FILLING ZONES

Distances from area

SENSITIVE POINTS

HIGH VOLTAGE LINES

Situation

Orientation

RELAY

Radio, tph, TV…

SPECIAL ISSUES

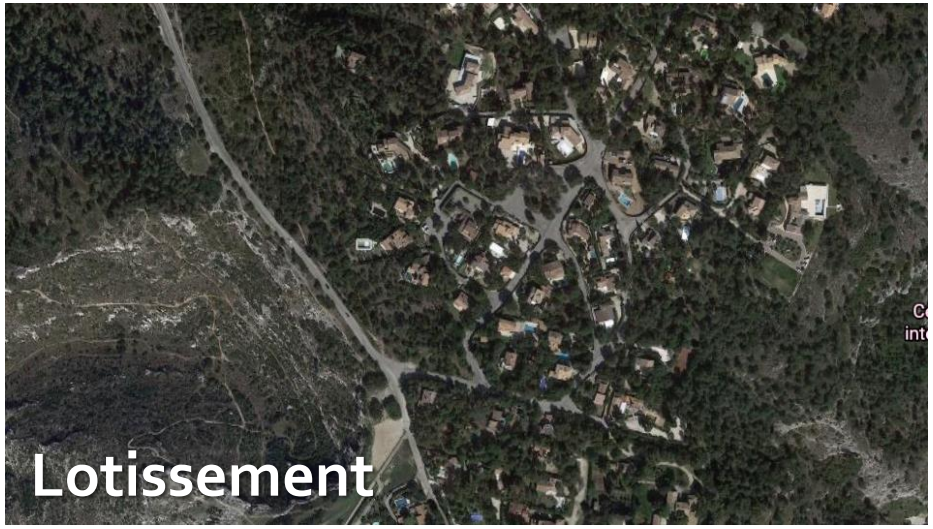
HUMAN ACTIVITIES

Camping, leisure park
Hiking route
Industrial

BUILDINGS

Isolated houses, housing estates, hospitals

SPECIAL ISSUES



POPULATION

DENSITY

NATURE DE LA POPULATION

CHILDREN

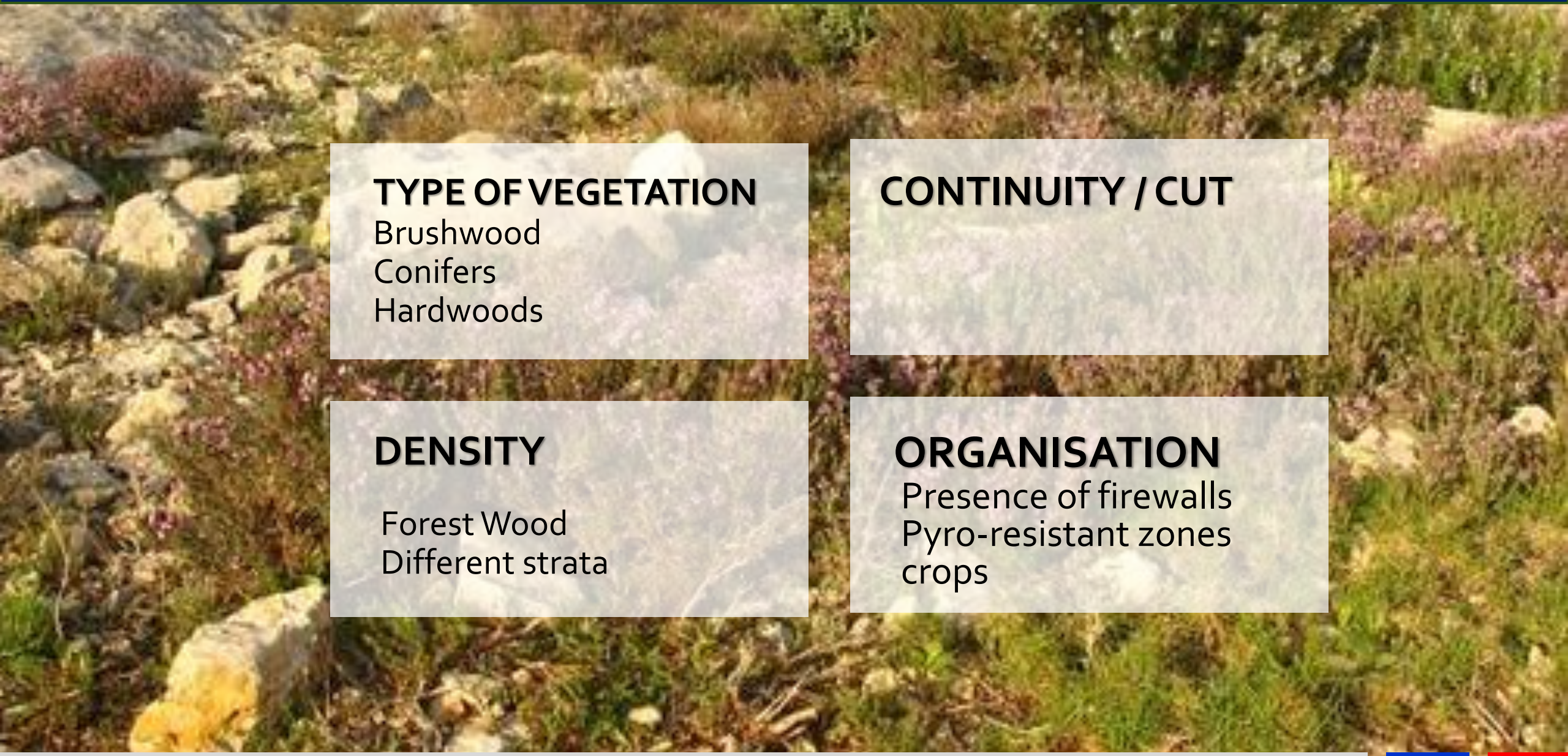
MOBILITY

TOURISTS // LOCALS

VIP

VIP

VEGETABLE COVER



TYPE OF VEGETATION

Brushwood
Conifers
Hardwoods

CONTINUITY / CUT

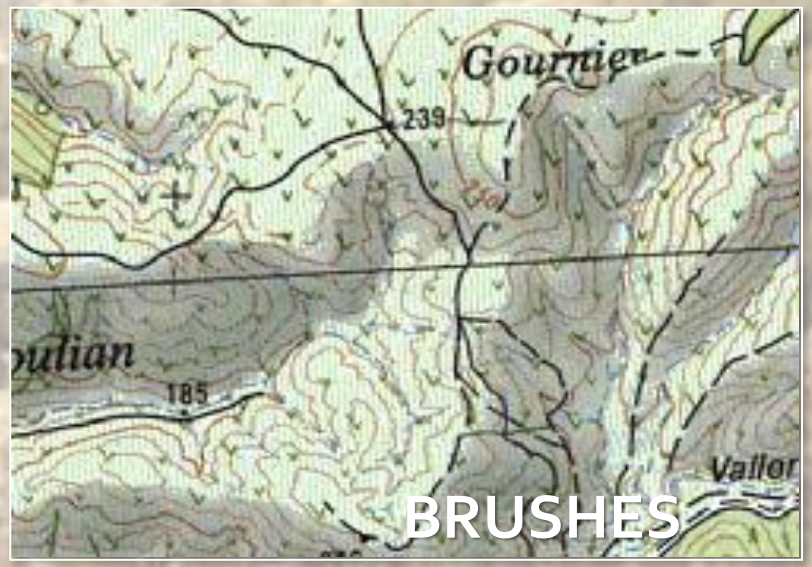
DENSITY

Forest Wood
Different strata

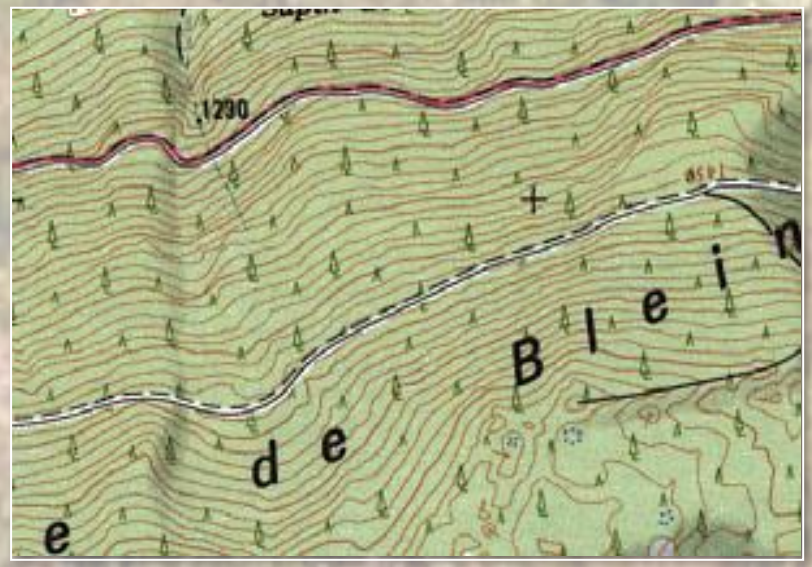
ORGANISATION

Presence of firewalls
Pyro-resistant zones crops

VEGETABLE COVER



BRUSHES



HARDWOODS

MIXED FOREST

SYNTHESIS

How to characterize the struggle?

Favorable
Unfavorable

Thank you for your attention

ENTENTE-VALABRE

ÉTABLISSEMENT PUBLIC

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