

PRIVATE OWNER ASSOCIATION MIRALLES-ORPINELL

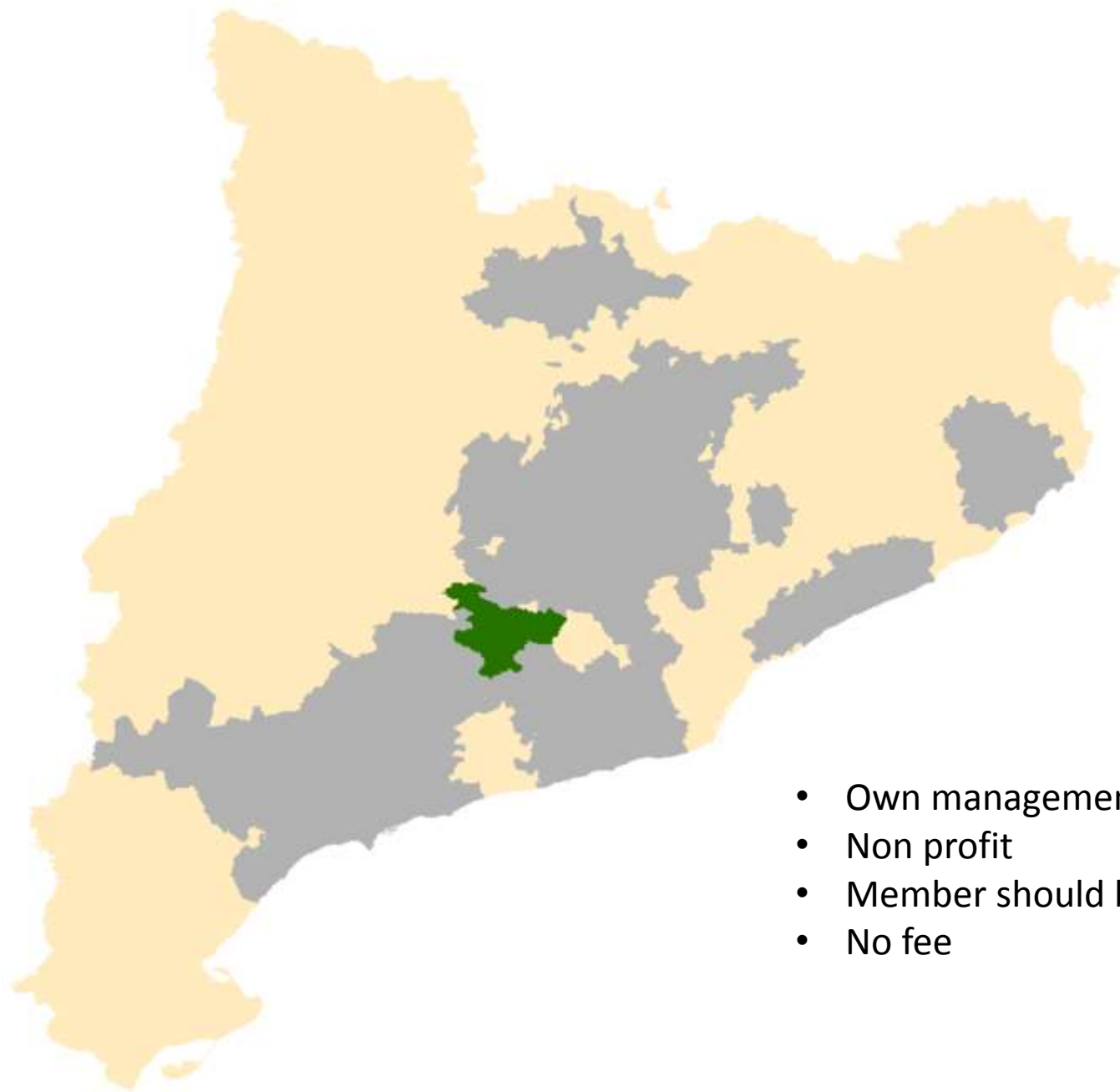


Associació de Propietaris
Forestals serres
Miralles-Orpinell



BOSCAT

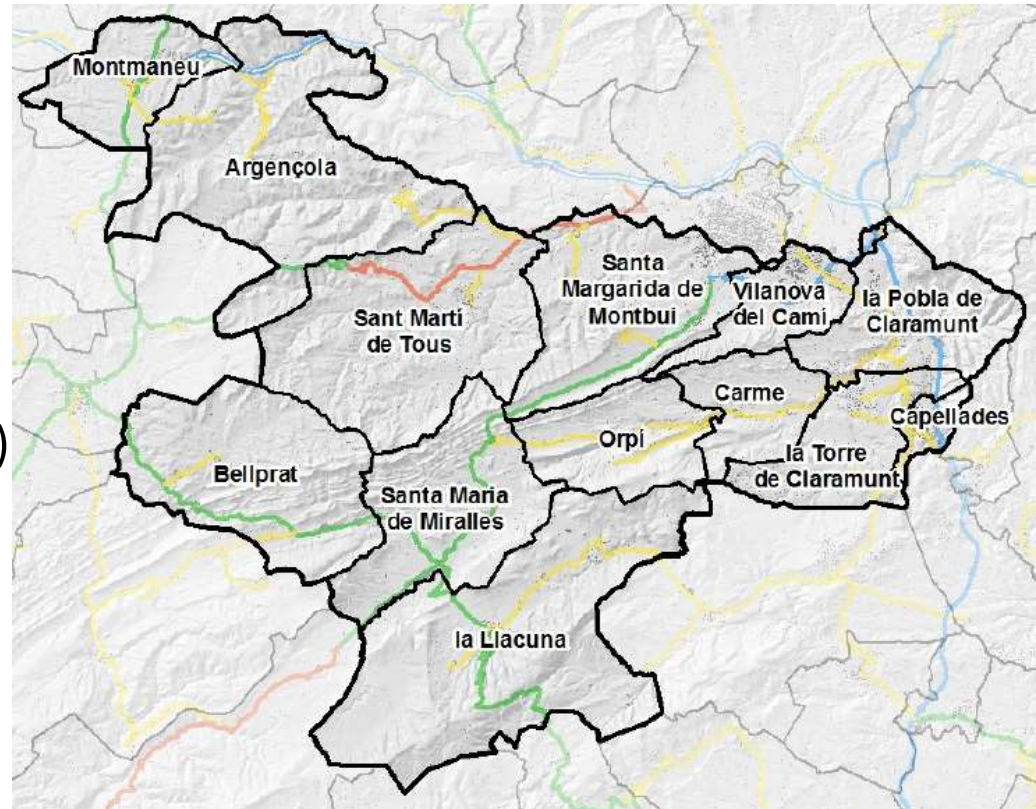
Jaume Olivella



- Own management team
- Non profit
- Member should be forest owner
- No fee

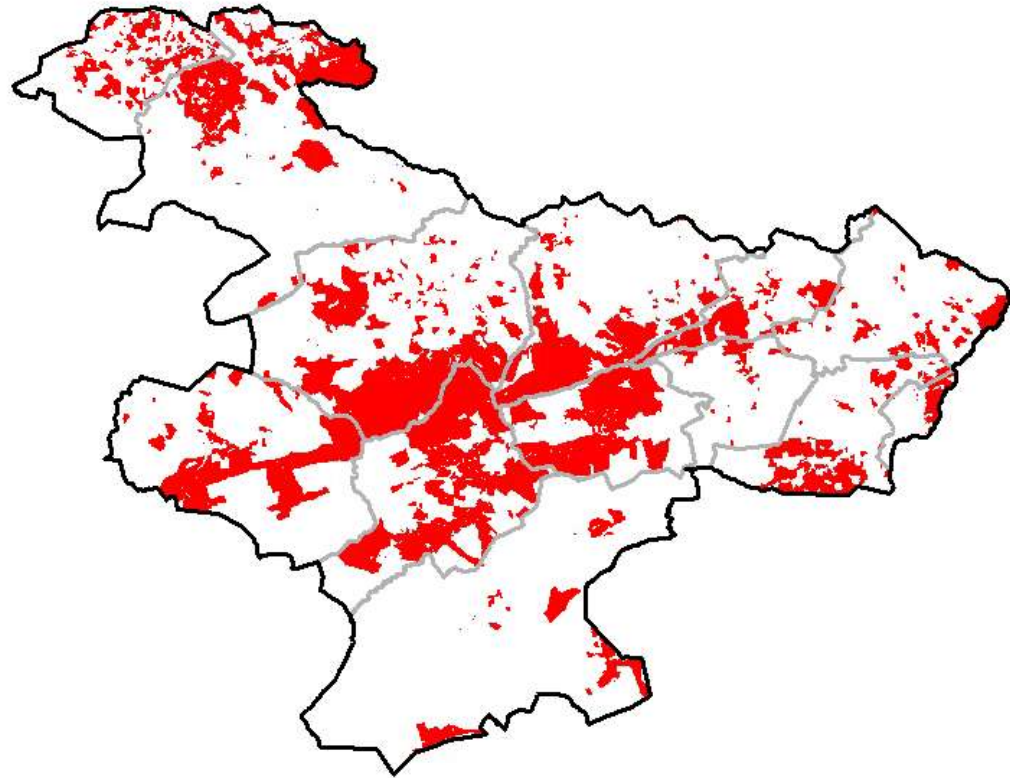
ASSOCIATION AREA

- Number of Municipalities: 13
- Total area: 30.972 ha
- Forest area: 19.297 ha (62,3% forest)



ASSOCIATION MEMBERS

- Number: 180
- Forest area: 5094 ha
(26,4 % of forest area)
- Forest area/owner: 28,3Ha/owner



MAIN SPICES

	Spices	Surface (Ha)	% of total forest
Conifers	Pinus Halepensis	9890	51,25
	Pinus pinea	3029	15,7
Deciduous	Quercus Ilex	850	4,4
	Oak	584	2,5
Bush		3033	15,7

SOIL CHARACTERISTICS

- Alkaline soil
- Sedimentary soil
- Marginal rocky soil





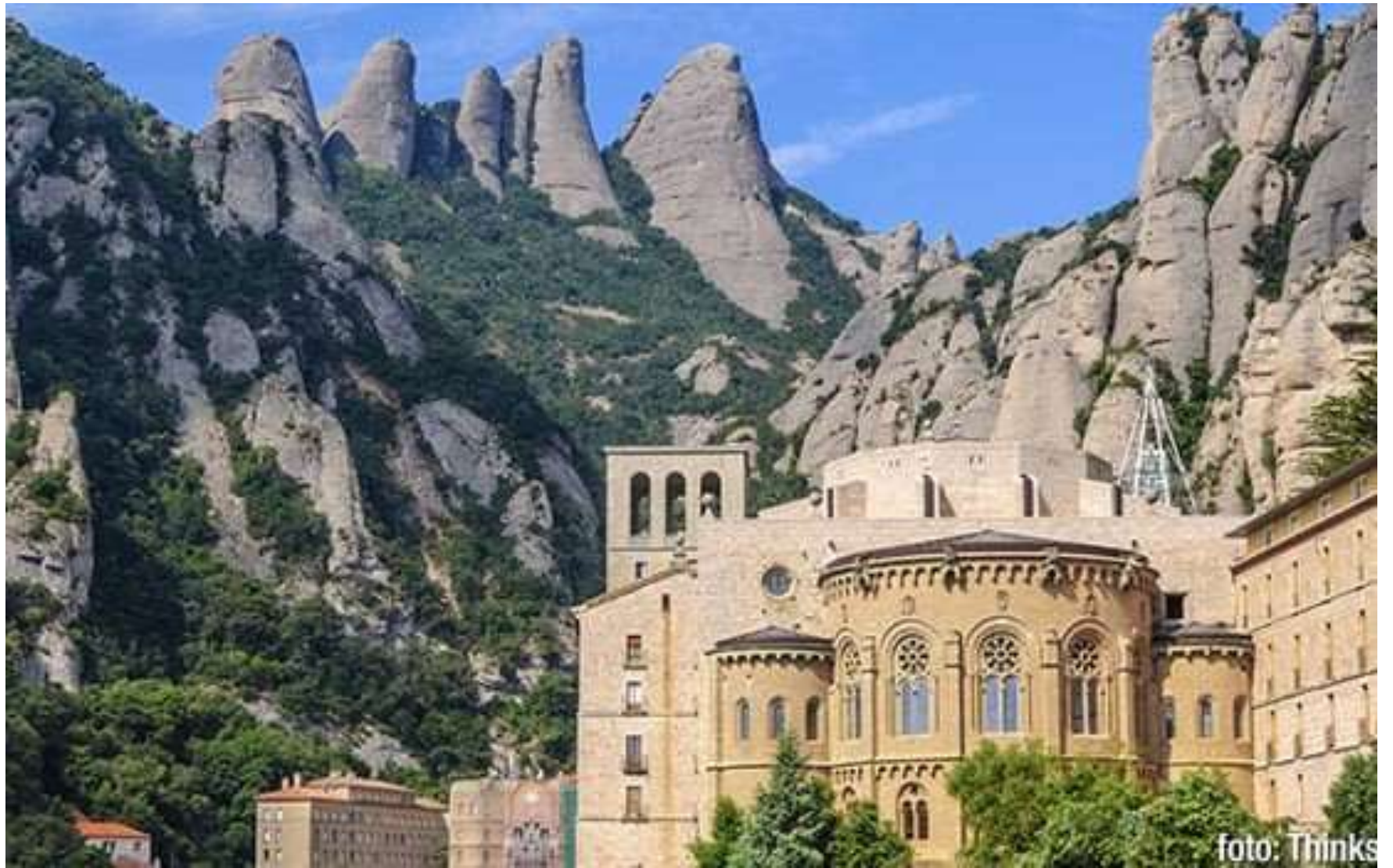


foto: Thinks









HOW WE WORK

Defensive approach

Main constrains:

- Poor soil
- Hilly
- Property size
- Abandoned forest
- Industrial area

MAIN TASKS

Present and future status of the forest

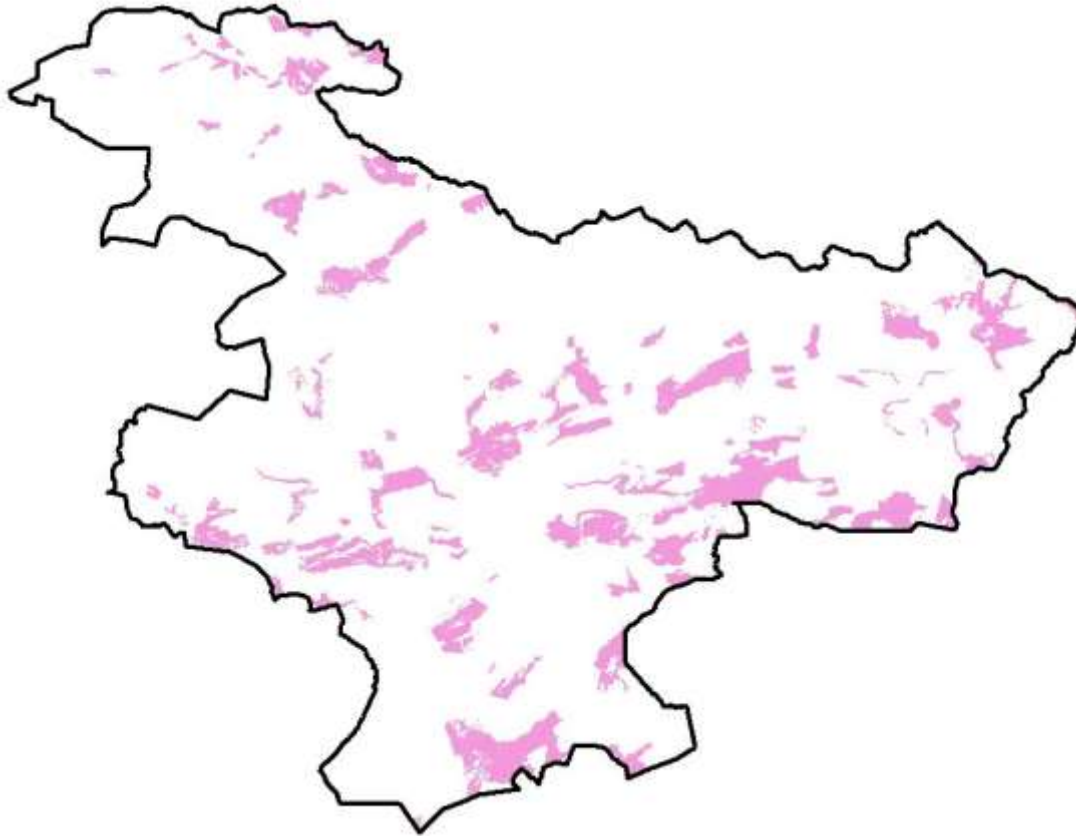
- **Drawing a forest map at present and forecasted situation**
- **Emphasis on brushfire risk areas**
- **Participants:** private engineers expertise, fire-fighters, private entities with knowledge of territory, municipality, forest association.
- **Submit the plan to Administration** and if approved we get:

JOINT FOREST PLANNING INSTRUMENT

PRIORITIES

Brushfire risk areas

Area: 3.593ha 18,62% of total forest







- Subsidies from administration



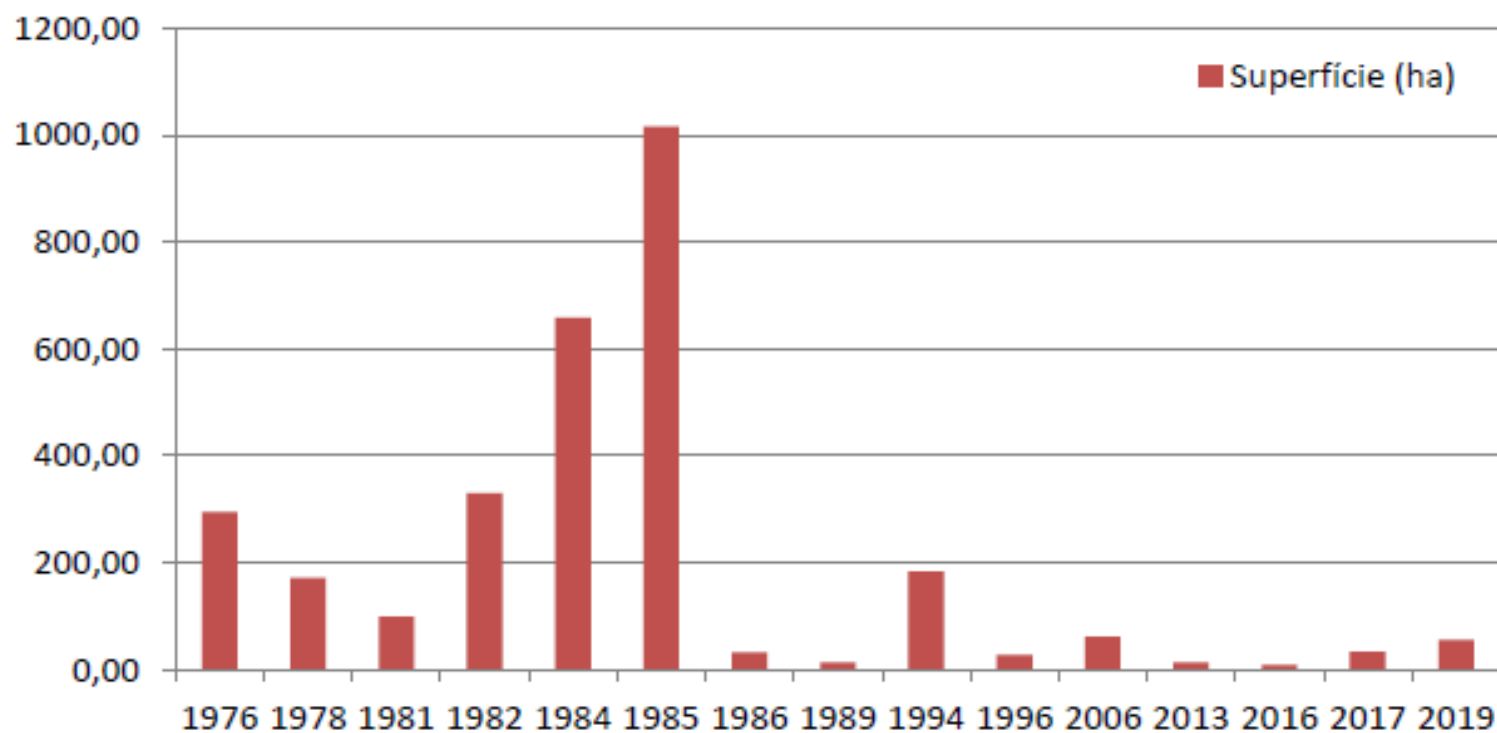
- Low tree quality : 75 % to biomass

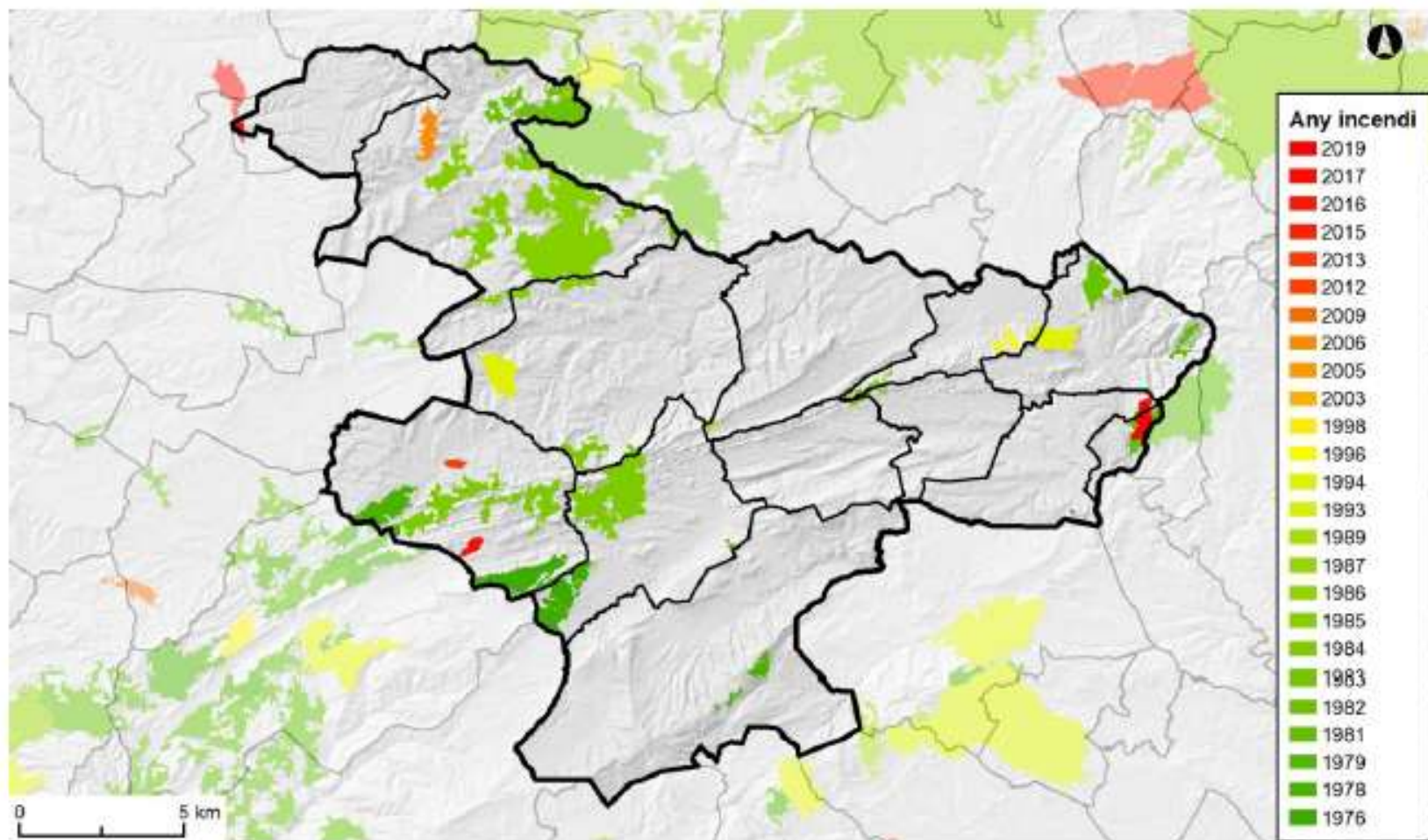


- Clearing cost /Ha: 1300 € for 25 t/ha of wood



Superfície forestal cremada.
Període 1978-2019 dins de l'àmbit APF Serres de Miralles-Orpinell.



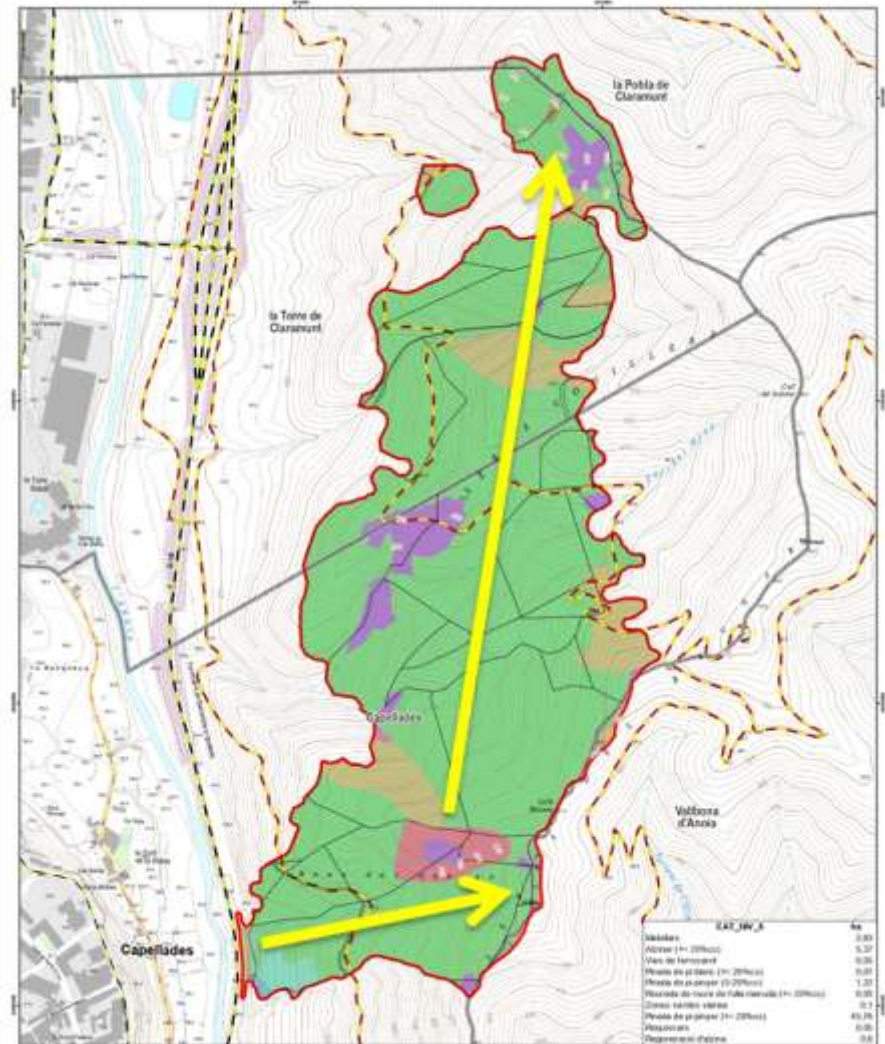


CAPELLADES'S FIRE

- Car caught fire on the road.
- Flames spread into the forest
- Train rails in-between
- Slope > 65%
- Rocky soil
- No path and roads
- Quick response of fire-fighters



- Fired area 56,10 Ha
- 45 owners
- Damage cost 147.811 €
- Construction of damps with same logs to avoid soil erosion and
- Its impact on train rails.



- Two heavy rains $> 100\text{l/m}^2$ each without any impact on train rails

















