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DE ESPAÑA

MINISTERIO
DE AGRICULTURA, ALIMENTACIÓN
Y MEDIO AMBIENTE



WUI – PRESCRIBED BURNINGS

Integral wildfire prevention

EPRIF program

SPAIN/VALENCIAN REGION

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INTEGRAL PREVENTION TEAMS (EPRIF)

- Created in 1998 with the aim of working on wildfire causes, close to the territories and acting directly on **adult population**.
- ERIF teams work from **November to April** and collaborate with regional governments while active.
- EPRIF teams are composed by **forestry technicians and foremen highly experienced** in fire management, use of fire, fire ecology, wildfire prevention and suppression. With a high knowledge of the territories.



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EPRIF LOCATIONS

DISTRIBUCIÓN DE MEDIOS DE PREVENCIÓN DEL MINISTERIO
Campaña de invierno de 2015





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VALENCIAN REGION EPRIF TEAM

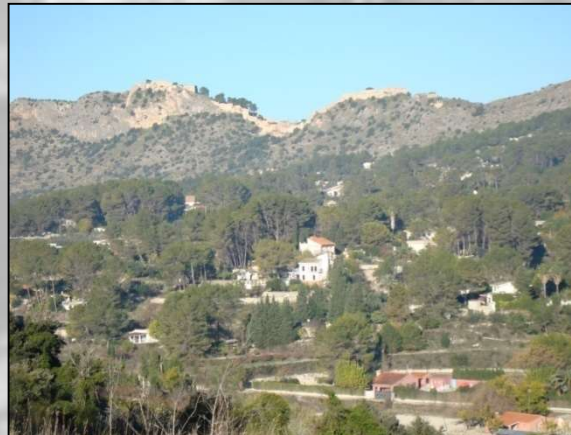


ADMINISTRATION SUPPORT AND COORDINATION :

Ministry of Agriculture, Food and Environment → Regional Service General Directorate of Emergency and Fire Prevention and Suppression

Regional forest lands have been declared at **HIGH WILDFIRE RISK** (Mediterranean region)

55% OF VALENCIAN TERRITORY IS AFFECTED BY WUI/RUI



Bocairent 2010



Agullent 2010



Rural areas depopulation
+ Abandonment of
agricultural lands and
traditional uses of
forests

Increase of the urban
areas

Changes in forest
politics:
conservation and
protection

INCREASE OF
VULNERABILITY AND
COMBUSTIBILITY
OF FOREST ECOSYSTEMS

4th and 5th generation
wildfires

A MULTI-SECTORIAL PERSPECTIVE, INVOLVING DIFFERENT SERVICES IS NEEDED:

- To face emergency prevention, preparedness and response
 - In territorial development planning
 - In risk monitoring and evaluation



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EPRIF- VALENCIA MAIN MISSIONS:

- Direct influence on local administrations in WUI and RUI areas with a higher fire risk.
- Prescribed burning in wetlands (Red NATURA 2000)





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**ACTIONS IN THE WUI /RUI AREAS
VALENCIAN REGION**



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VALENCIA REGION EPRIF MAIN TASK: Wildfire risk mitigation in the WUI/RUI scenarios



SPREADING GOOD PRACTICES IN WILDFIRE PREVENTION AND LAND MANAGEMENT INVOLVING ALL STAKEHOLDERS

→ CONTINUOUS DIAGNOSIS of WUI/RUI problem

Identification of the most vulnerable areas / circumstances

Proposals for actions



→ TECHNICAL ADVISORY TO LOCAL ADMINISTRATIONS (wildfire prevention, self-protection plans, emergency management, use of fires...)



**REVIEW OF FOREST FIRE PREVENTION PLANS AT LOCAL LEVEL
INTEGRATION OF NEW PROPOSALS**

- Update of local burning plans → including WUI /RUI areas in burning planning

CLASIFICACION OF WUI TYPES AND RISK GRADUATION

- Urban area type / vegetation density and condition type

DEVELOP OF GUIDELINES FOR COMPREHENSIVE PLANNING

- Implementation of prevention and self-protection plans (WUI /RUI areas) with local and regional urban development plans



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PRESCRIBED BURNS IN WUI/RUI

OBJECTIVES: WUI/RUI protection vs forest fires risk
Pests control and hunting management

SETTING A FIRE-BREAK AREA IN ABANDONED AGRICULTURAL LAND





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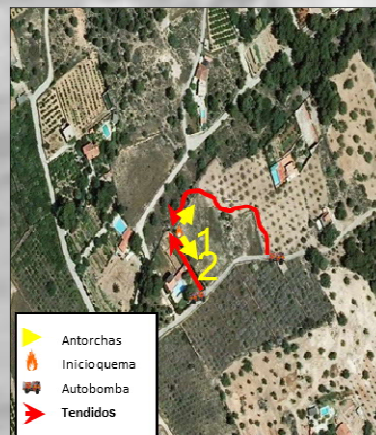


PRESCRIBED BURNS IN WUI/RUI

SETTING A SAFETY PERIMETER FOR PUBLIC BUILDING



SETTING A FIRE-BREAK AREA IN ABANDONED AGRICULTURAL LAND. PESTS CONTROL AND HUNTING MANAGEMENT AND FIRE PREVENTION IN RUI





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VALENCIAN REGION EPRIF MAIN TASK: Wildfire risk mitigation in the WUI/RUI scenarios



RISK AWARENESS ACTIONS FOR RESIDENTS

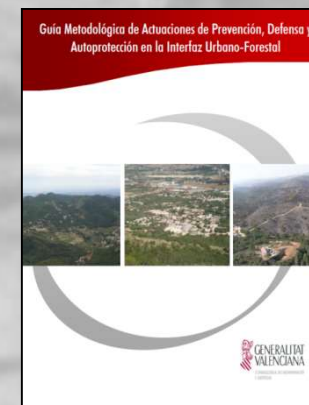
→ DESIGN AND PERFORME AWARENESS MEETINGS, with target stakeholders such as students, local and regional technicians, forest rangers, wildland users, farmers, hunters, forest protection associations, etc...



→Elaboration of “METHODODOLOGICAL GUIDE FOR PREVENTION, DEFENSE AND SELF-PROTECTION ACTIONS IN WUI/RUI”

http://www.112cv.com/prevencion/quatlila30/web-2520exportar/Guia_def_10_06_2014_3.pdf

Target: Properties owners and Public Institutions Technicians





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**OTHER ACTIONS
VALENCIAN REGION**



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VALENCIAN REGION EPRIF OTHER TASKS: Introducing prescribed burns in natural areas



PRESCRIBED BURNS IN MANAGEMENT PLANS IN MARSHLANDS /WETLAND (NATURA 2000 NETWORK)

Objectives: ecosystem restoration, habitat and biodiversity improvement.



PRESCRIBED BURNS AS AN INSTRUMENT OF STRATEGIC FORESTRY MANAGEMENT IN HUNTING RESERVES

Objectives: wildfire prevention and natural, forestry and hunting resources management.





VALENCIAN REGION EPRIF OTHER TASKS: Introducing prescribed burns in natural areas

ALL PRESCRIBED BURNS PROVIDE A FRAMEWORK FOR :

- Enhance cooperation in fire management between all agencies:
training of ICS.**
- Forest fire-fighters training**
- Advanced knowledge about Mediterranean fire behavior**
- Feedback on improvement of prescribed burns planning
and design**



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VALENCIAN REGION EPRIF OTHER TASKS: Training and Cooperation



PROVIDE TRAINING COURSES IN FIRE MANAGEMENT

- Close collaboration with the Provincial Fire-Fighters Forestry Technicians and with the IVASPE (Valencian Institute for Public Safety and Emergency)
- Target: Regional Forestry Firefighters crews

PROMOTE COLLABORATION AND SYNERGIES BETWEEN SEVERAL ORGANISMS

- Close collaboration with Technical Analysis Unit of Regional Government
- Collaboration with the Research and Development Institutes and others partners
- Field of study: Prescribed burns planning, Fuel and fire behavior analysis, Meteorological forecasts, Briefings, etc...



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THANK YOU FOR YOUR ATTENTION

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