



# CROSS-BORDER CRISIS MANAGEMENT AND NATURAL DISASTERS

## FOREST FIRES (ES-PT)

Juan C. Gómez Roldán.





**Service of Fire Prevention and Firefighting**

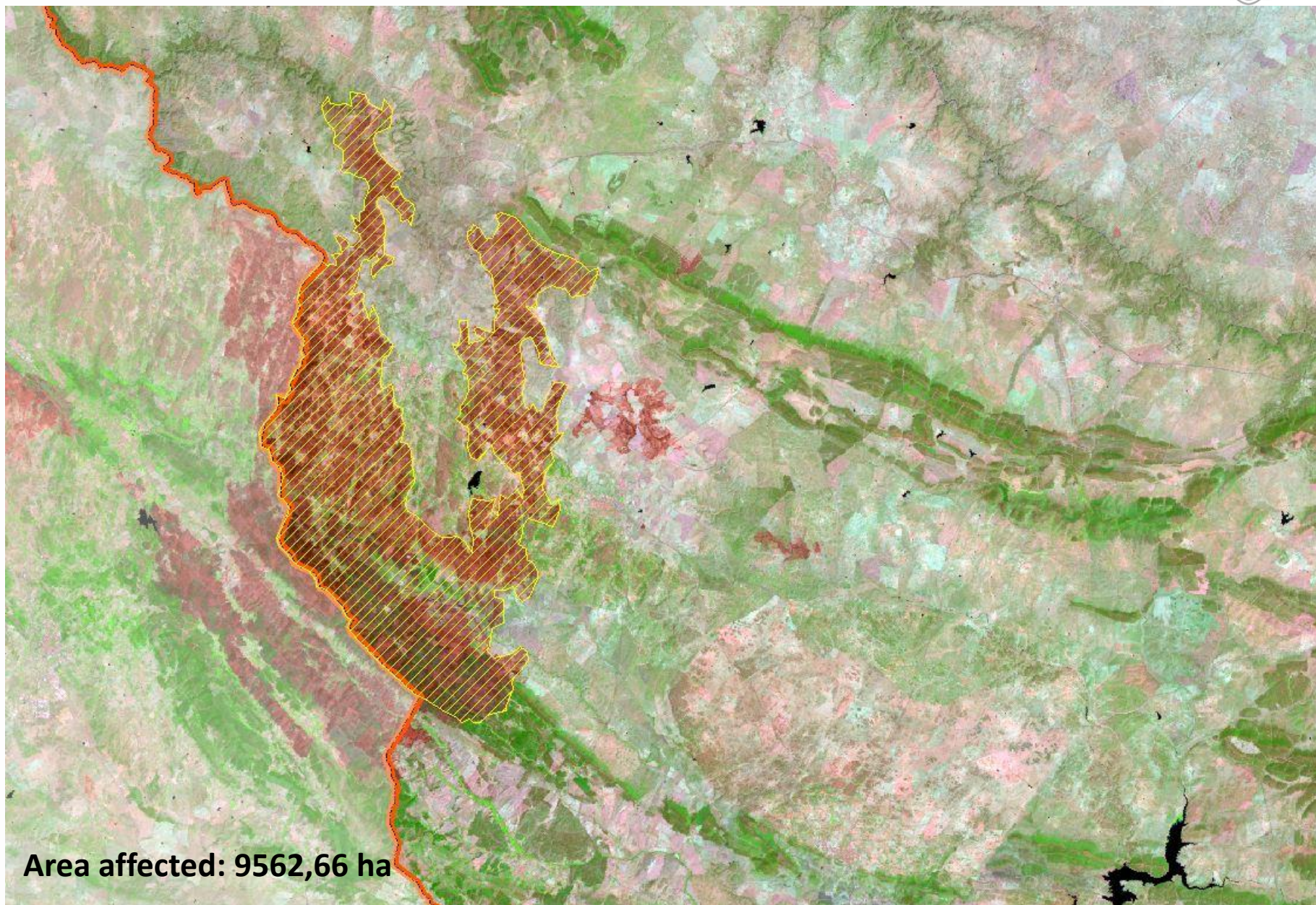
**Directorate-General for Environment**

**Regional Ministry for Environment, Rural Development, Agricultural Policies and Territory**

**Regional Government of Extremadura**



# Fire in Valencia de Alcántara, August 2003





# Fire in Valencia de Alcántara, August 2003

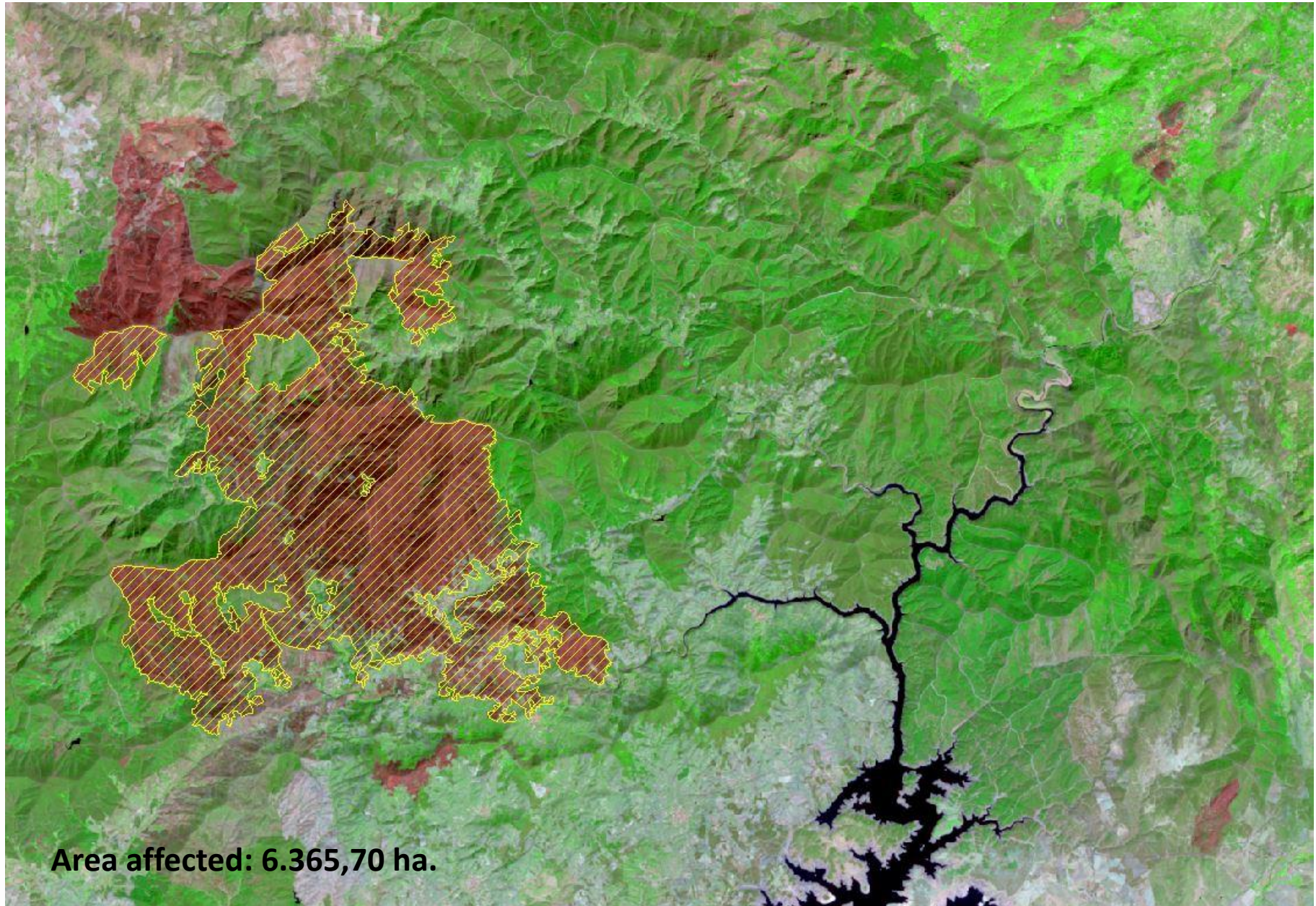


# Fire arriving at the border with Portugal





# Fire in the County of “Las Hurdes”, August 2003



**Area affected: 6.365,70 ha.**



# Fire in the county of “Las Hurdes”, August 2003





# Run out of fire-fighting resources







**1980 (Lisbon).**- Convention for Mutual Aid Between Spanish and Portuguese Rescue Services

**1992 (Evora).**- Protocol between the Kingdom of Spain and Portuguese Republic about Technical Cooperation and Mutual Aid in Civil Protection Matters.

1. Territorial Scope: Continental Territory of both countries.
2. Reduce formalities in terms of request and dispatch of help between both countries.
3. Fires of long duration.
4. Heavy resources.
5. Despite simplifying formalities, it does not solve short-term intervention issues.

# Amphibian plane *Canadair*





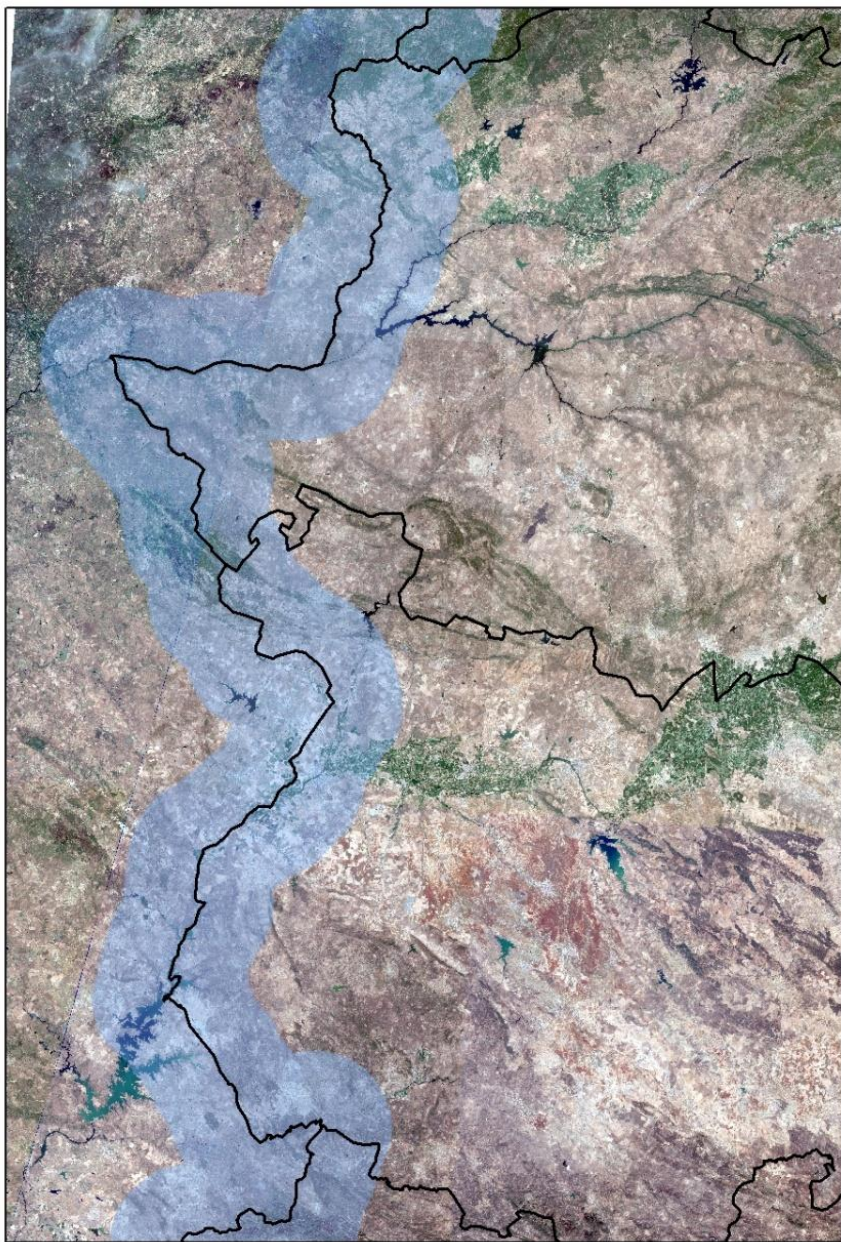
## **2003 – Figueira da Foz.** Additional Protocol about Mutual Aid in case of forest fires.

1. It establishes conditions and procedures for assistance and rescue in forest fires in cross-border areas between Spain and Portugal.
2. Territorial scope: cross-border neighboring municipalities.
3. SPECIAL PROCEDURE FOR FIRST ACTION AGAINST FIRE.
4. Immediate intervention can be launched from the other side of the border. It is only required a prior communication to the authorities.



**Special procedure for first fight of forest fires located in less than 5 km from the border:** intervention in case of imminent risk for the neighboring country with a simple prior communication to the competent authorities of the country where the fire is located. **Immediacy in the intervention.**





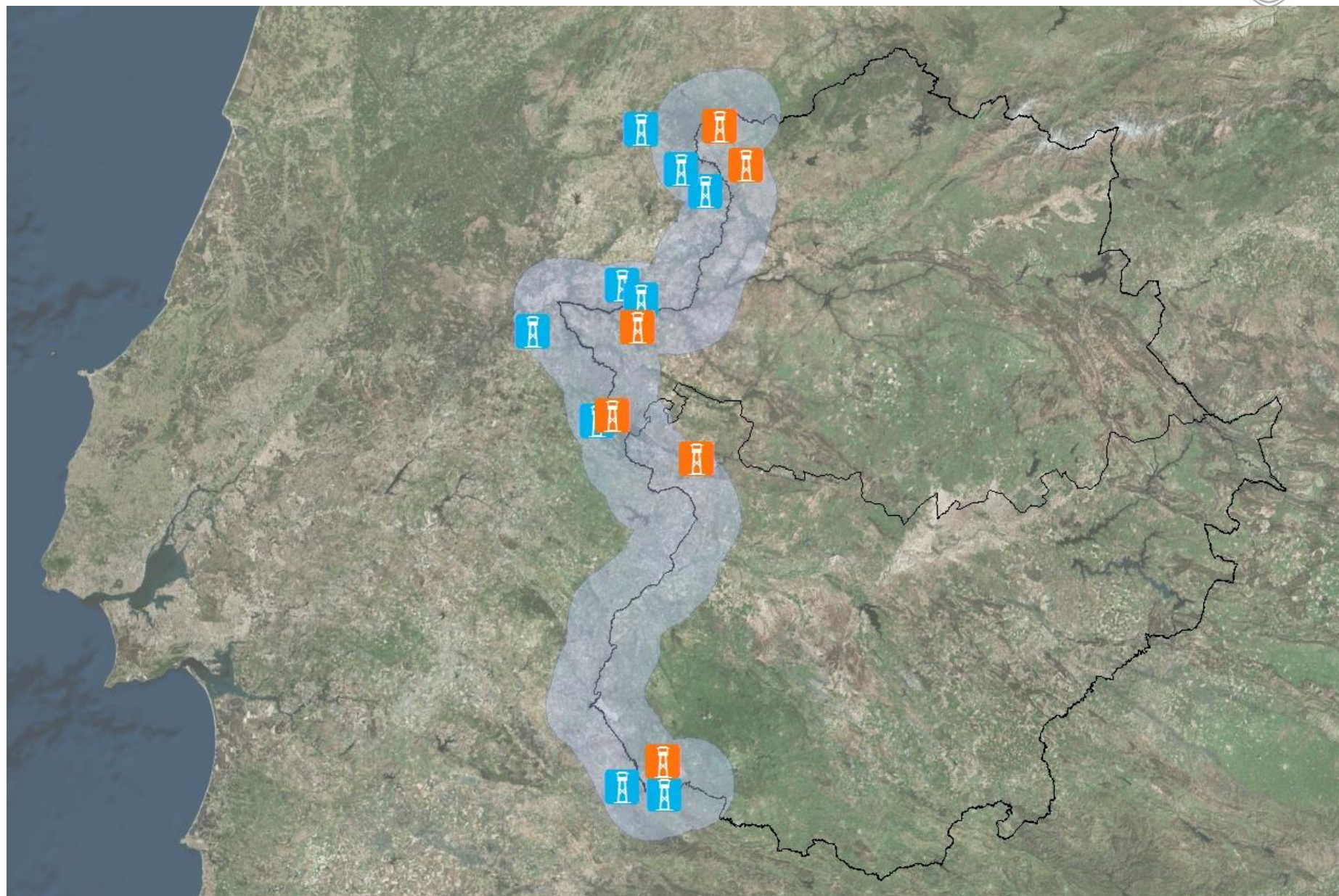
## **2006 – Badajoz. Summit of Spain and Portugal**

Application of the immediate procedure broadened to **15 Km**





# Distribution of cross-border observation towers







Sierra Fría



Cilleros

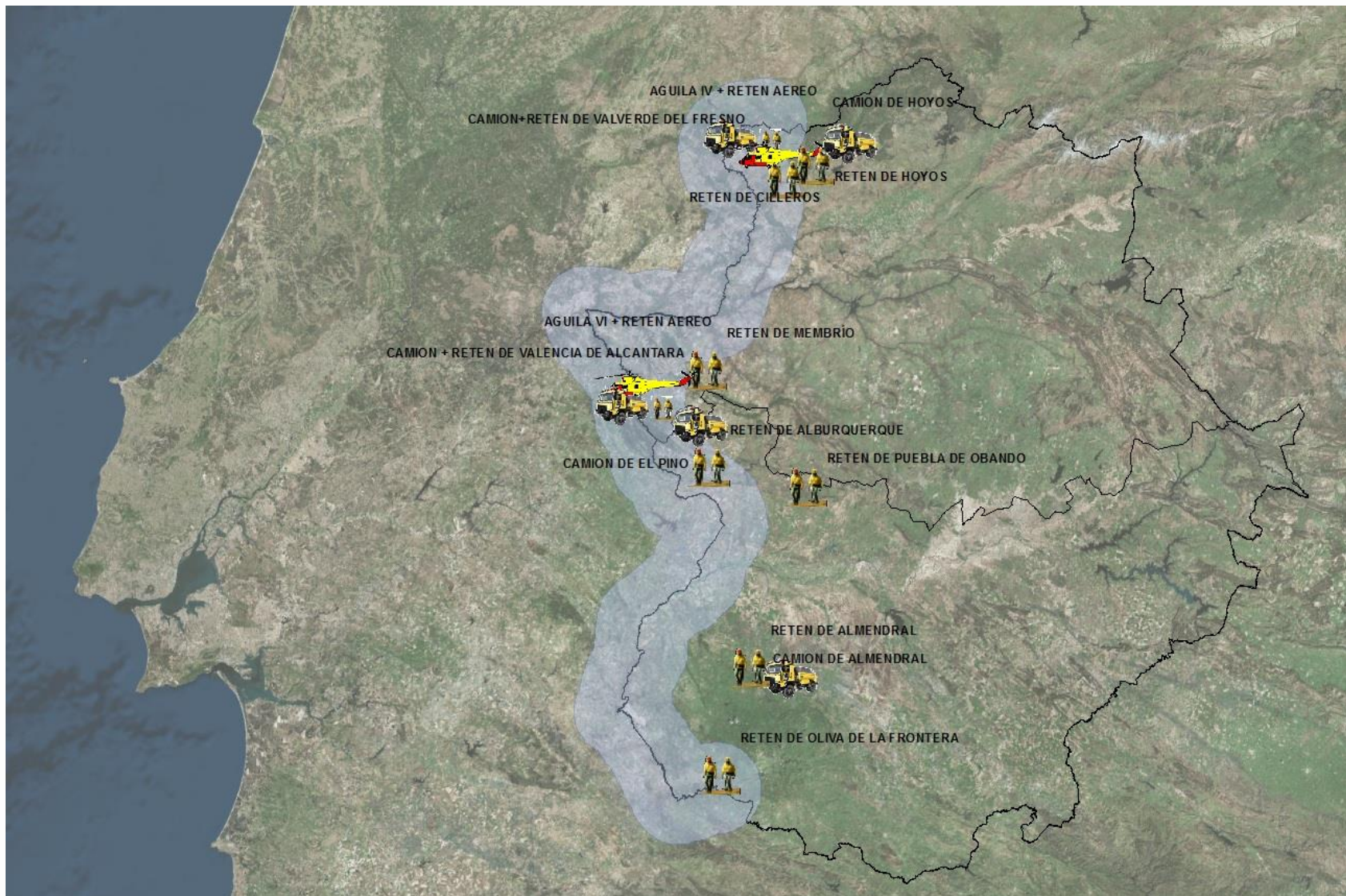








# Distribution of cross-border resources of Extremadura











# COORDINATION MEETINGS

## - REGIONAL LEVEL

- \* Rules of Coordination
- \* Exchange of specific information of resources

## - ZONE LEVEL

- \* Relationship between Firefighting Directors





# INTERREG PROJECT

## - Cross-border Cooperation Project for Early Warning Network in Environmental Monitor Systems.

- Cooperation scope: Centro-Extremadura -Alentejo.
- AXE 3, Sustainable growth throughout cross-border cooperation for fire prevention and the improvement of natural resources management.
- Thematic objective 5, promotes climate change adaptation and prevention and risk management.
- Specific objective OE5B, increase territorial resilience for cross border natural risks.

### Beneficiaries

- Unit of Civil Protection (Regional Ministry For Environment, Rural Development, Agricultural Policies and Territory, REGIONAL GOVERNMENT OF EXTREMADURA)
- Unit of Emergencies (Portuguese Agency for Environment).
- Service of Environmental civil protection I (Regional Ministry For Environment, Rural Development, Agricultural Policies and Territory, REGIONAL GOVERNMENT OF EXTREMADURA).
- Service of Fire Prevention and Firefighting (Regional Ministry For Environment, Rural Development, Agricultural Policies and Territory, REGIONAL GOVERNMENT OF EXTREMADURA).
- Vice-President for Research, Transfer and Innovation, Environmental Radioactivity Laboratory (University of Extremadura).
- CDOS Castelo Branco (National Authority of Civil Protection, Portugal)





# INTERREG PROJECT

**- Project of Crossborder Cooperation with regard to the Planification of Sustainable Management and Improvement of Forest Fires in Nematudo del Pino and other natural disasters in the Sierra de Gata (SPAIN) and Malcata and Sao Mamede (PORTUGAL).**

- Cooperation scope: Centro-Extremadura Alentejo.
- AXE 3, Sustainable growth throughout cross-border cooperation for fire prevention and the improvement of natural resources management.
- Thematic objective 5, promote climate change adaptation and prevention and risk management.
- Specific objective OE5B, Increase territorial resilience for cross border natural risks.

## **Beneficiaries**

- Service of Civil Environmental protection (Regional Ministry For Environment, Rural Development, Agricultural Policies and Territory, REGIONAL GOVERNMENT OF EXTREMADURA).
- Association of Integral Development Sierra de GATA (ADISGATA; SPAIN).
- Unit of Project Management (UNIVERSITY OF EXTREMADURA).
- Forest Association of Encosta da Serra de Estrela (PORTUGAL).
- City Council of Idanha-a-Nova (PORTUGAL).
- Institute of Conservation of Nature and Forest (ICNF, PORTUGAL).

# FIRES IN PORTUGAL WITH INTERVENTION OF THE REGION OF EXTREMADURA



Year	Location of the fire	Date and Time	Officers	Firetrack	Checkpoint	Aerian Means	Equipement
2011	SANTA MARÍA DE MARVAO	13/07/2011 15:00	0	2	5	3	0
2011	NOSSA SEÑORA DE GRACIA	13/07/2011 16:59	0	0	1	1	0
2011	MONTALVAO	14/07/2011 13:35	0	0	1	1	0
2011	SAO JOAO BAPTISTA	18/07/2011 17:15	0	0	3	1	0
2011	MONFORTIÑO	21/07/2011 15:51	0	1	3	1	0
2012	SALVADOR	28/08/2012 0:00	0	0	1	1	0
2013	MARINEJA	02/06/2013 14:15	0	0	1	1	0
2013	MONFORTIÑO	06/06/2013 13:45	0	1	0	2	1
2013	MONTALVÃO	23/06/2013 14:00	0	1	0	2	1
2013	ROSMANILLAO	23/06/2013 14:33	1	1	0	3	1
2013	CASTELO BRANCO	27/06/2013 0:00	0	0	0	1	1
2013	IDANHA-A-NOVA	11/08/2013 14:52	0	0	0	1	1
2013	MONSANTO	20/08/2013 18:49	0	0	0	1	1
2014	SAN ANTONIO DAS AREIAS	25/05/2014 18:48	0	0	0	1	1
2014	MONTALVÃO	25/08/2014 18:31	6	6	12	6	2
2015	MOURAO	23/05/2015 20:25	0	0	1	1	0
2015	MOURAO - VILLANUEVA DEL FRESNO	18/06/2015 15:24	0	0	0	0	0
2015	BARRETOS	29/06/2015 0:36	2	0	0	1	1
2015	FUENSANTA	05/09/2015 15:25	2	1	2	4	2
2015	GRANJA	25/09/2015 18:29	1	0	1	1	0
2016	ESPERANZA	22/06/2016 16:00	0	0	0	1	1
2016	GÁLEGOS	09/09/2016 12:07	2	1	0	1	1
2016	FOIOS	10/09/2016 14:00	2	1	0	1	0
2016	FOIOS	11/09/2016 15:09	2	1	0	1	0
2016	VALE DE ESPINO	08/10/2016 14:24	2	1	1	5	3



Montalvão, August 2014







# Castelo Vide (Portugal)







# Castelo de Vide (Portugal)





# Helicopter Kamov







# Firebreaker with Bulldozer





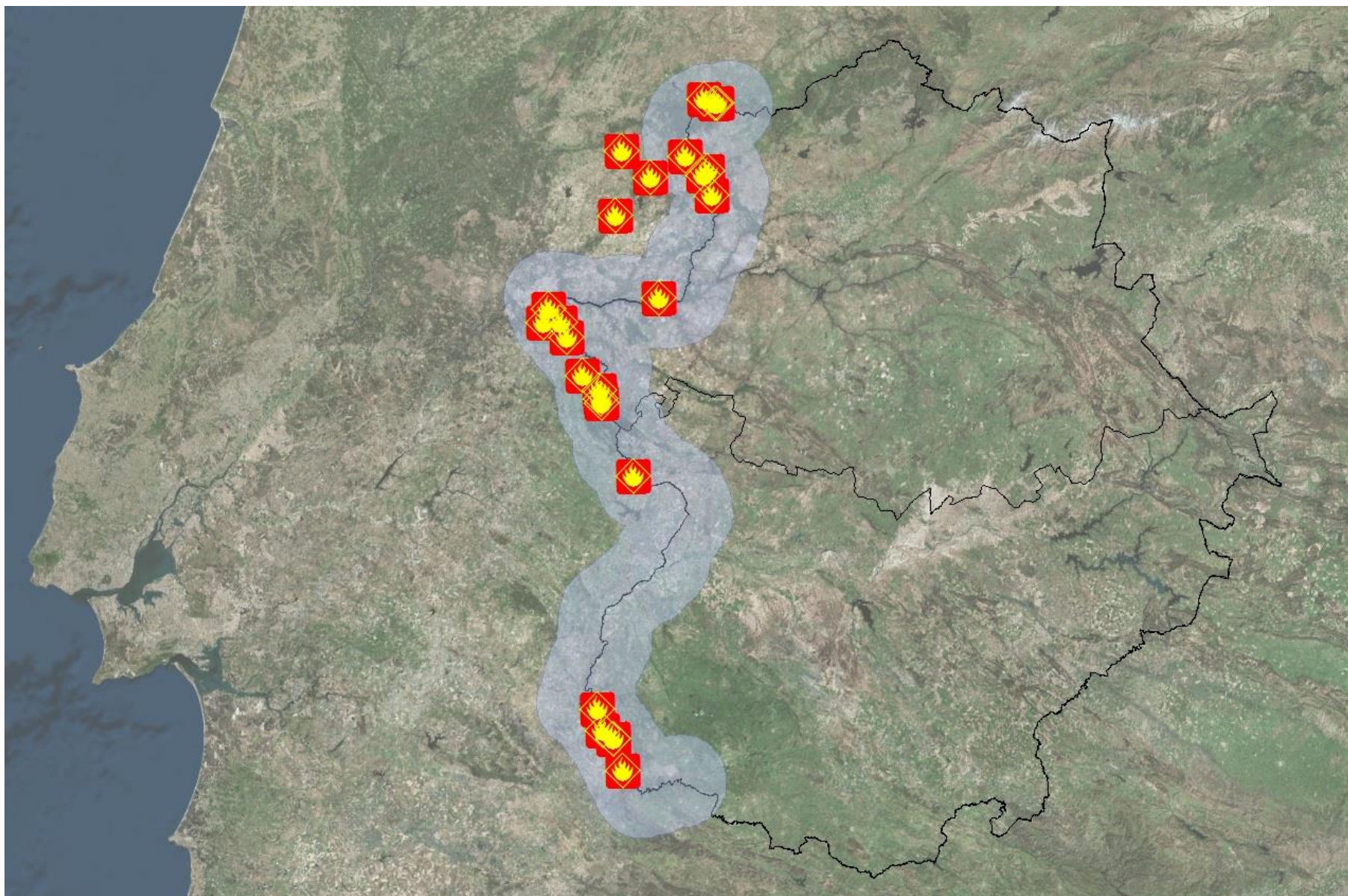
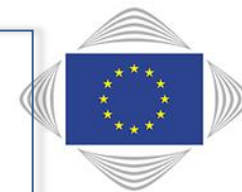


# Firebreaker with bulldozer





# MAP OF FIRES IN PORTUGAL WITH INTERVENTION OF EXTREMADURA





# FIRES IN EXTREMADURA WITH PORTUGUESE INTERVENTION

Year	Place of the fire	Date and hour	Spot	Officers	Fire track	Pick-Up	Checkpoint	Aerian means	Equipment
2011	LA CODOSERA	26/08/2011 22:15	Valdíos	0	1	0	2	1	0
2013	VALVERDE DEL FRESNO	19/04/2013 16:50	El Pizarron	0	2	2	2	0	0
2013	VALVERDE DEL FRESNO	11/09/2013 20:46	Las Choperas	0	2	2	2	0	0
2015	ACEBO	06/08/2016 12:03	La Osa	4	30	5	35	0	0



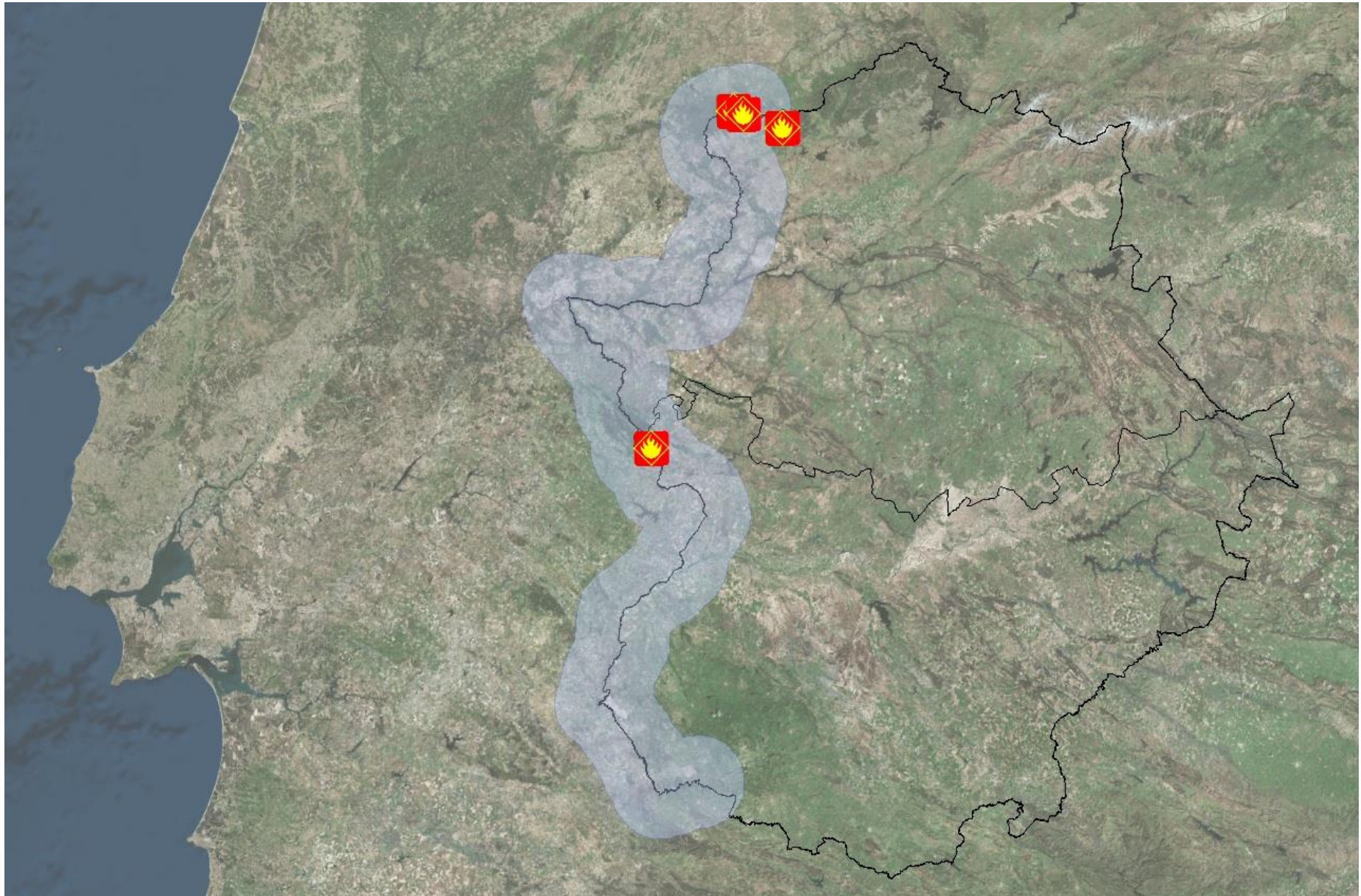








# MAP OF FIRES IN EXTREMADURA WITH PORTUGUESE INTERVENTION





THANK YOU

