



# Towards a fully-fledged UCPM

- *Technical Briefing*



## 2. Why now?

# Disasters

More intense Longer Remote  
More complex  
More sudden



200

Deaths caused by natural disasters in Europe only in 2017

€360 Bil.

Reported economic losses since 1980 due to weather and climate extreme events in the Union



322%

Increase in the burnt area in 2017 (compared to 2008-16 average), representing 1.8% of total forest mass in Europe

# The UCPM...



Is a key disaster management tool within the Union



Presents some shortcomings which undermine its effectiveness

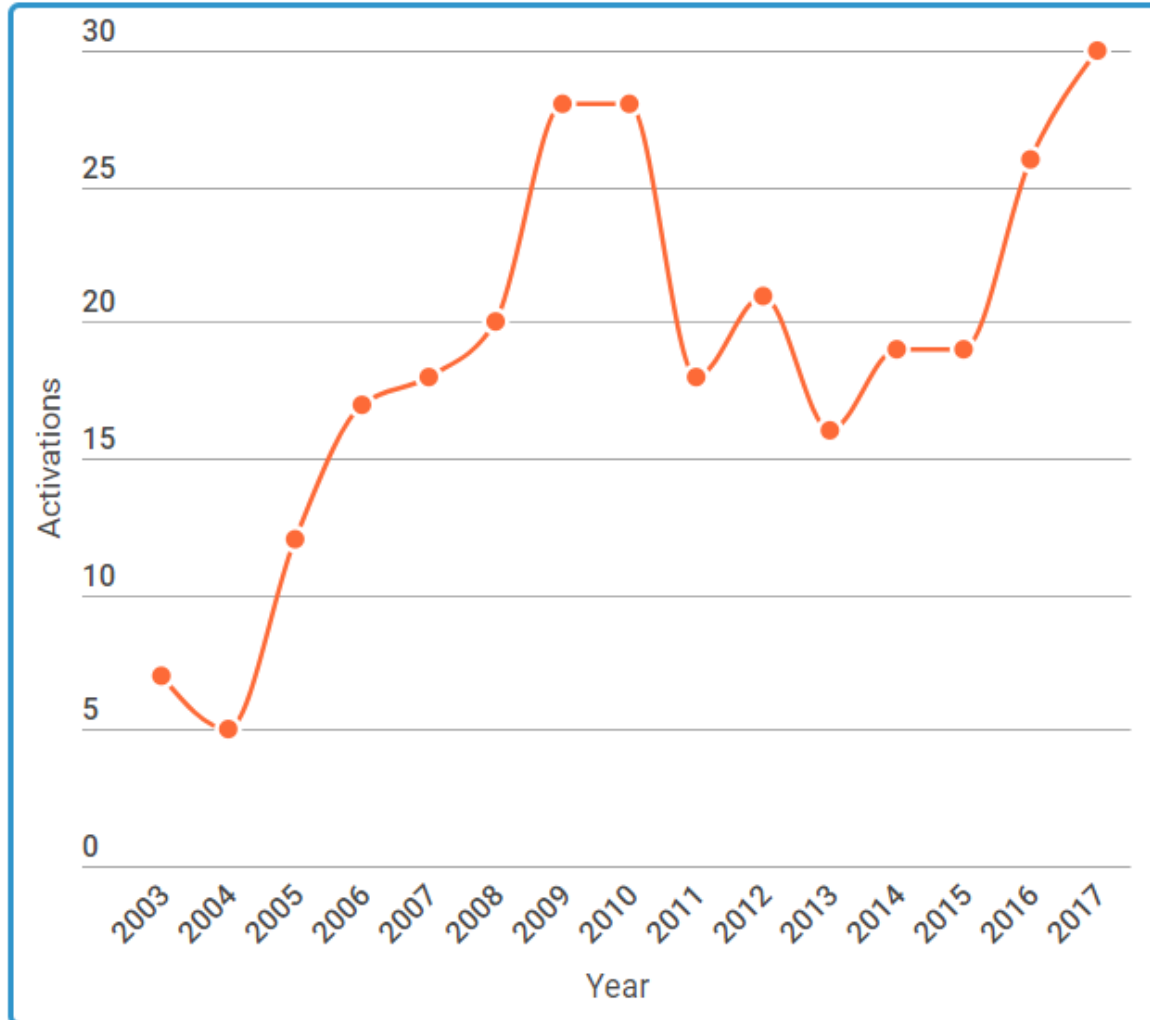


European Court of Auditors review of the UCPM (2016)

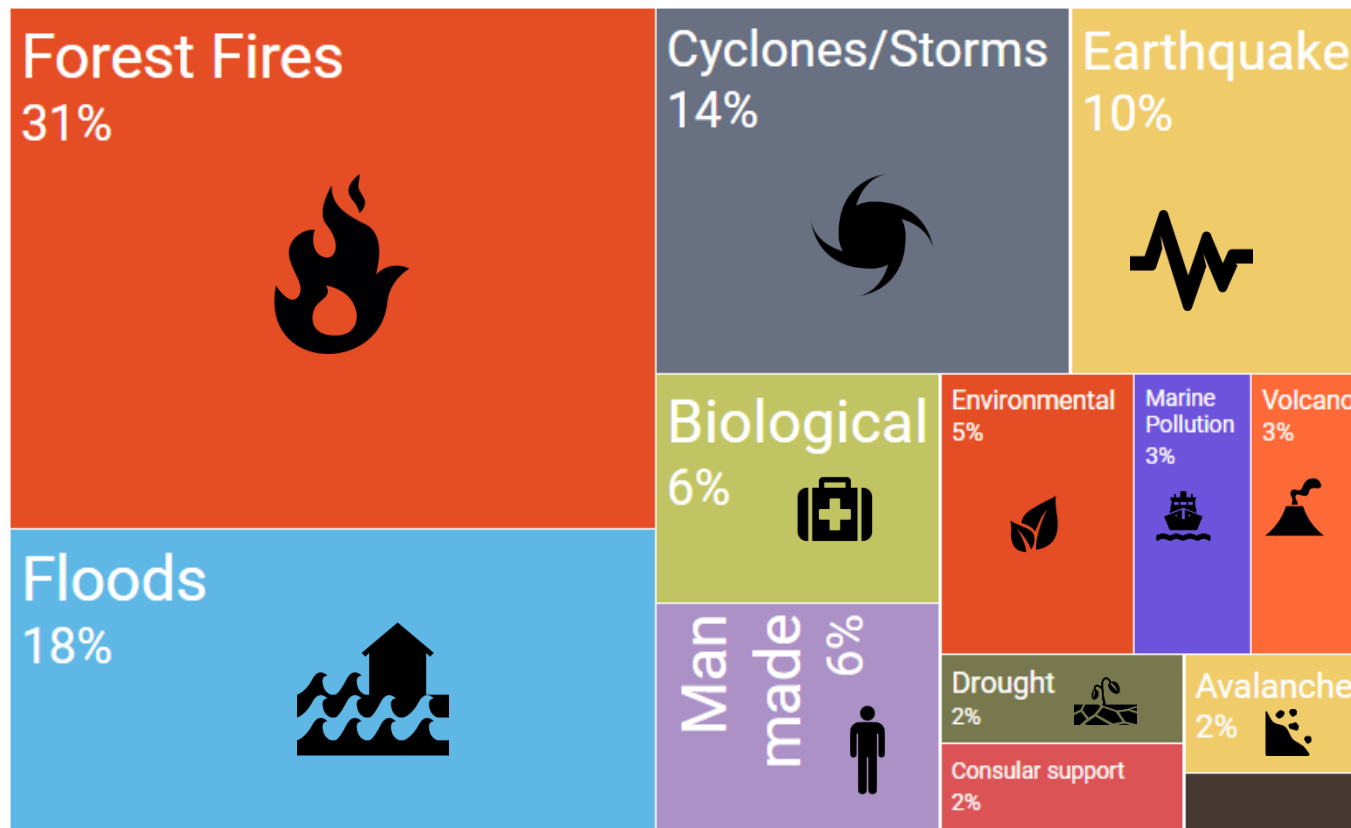
UCPM Interim Evaluation (2017)

## Number of operations of the UCPM

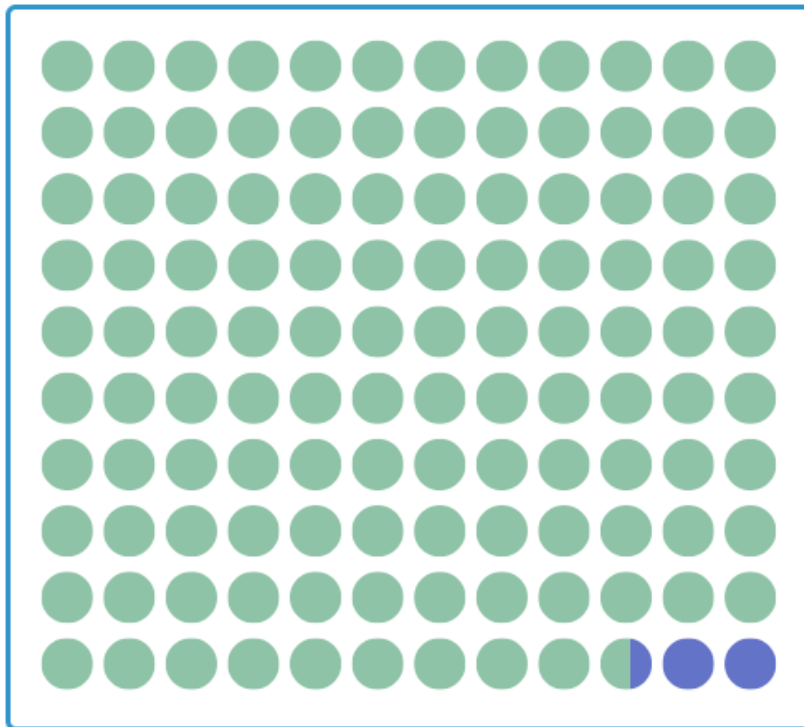
(as of 16/11/2017)



## Types of hazard for which the UCPM was activated (overview 2014-2017, EU & worldwide)



# Current shortcomings (i): Prevention



**Ratio 1:48.5**

- = 100 mil. ESI Funds
- = 100 mil. UCPM

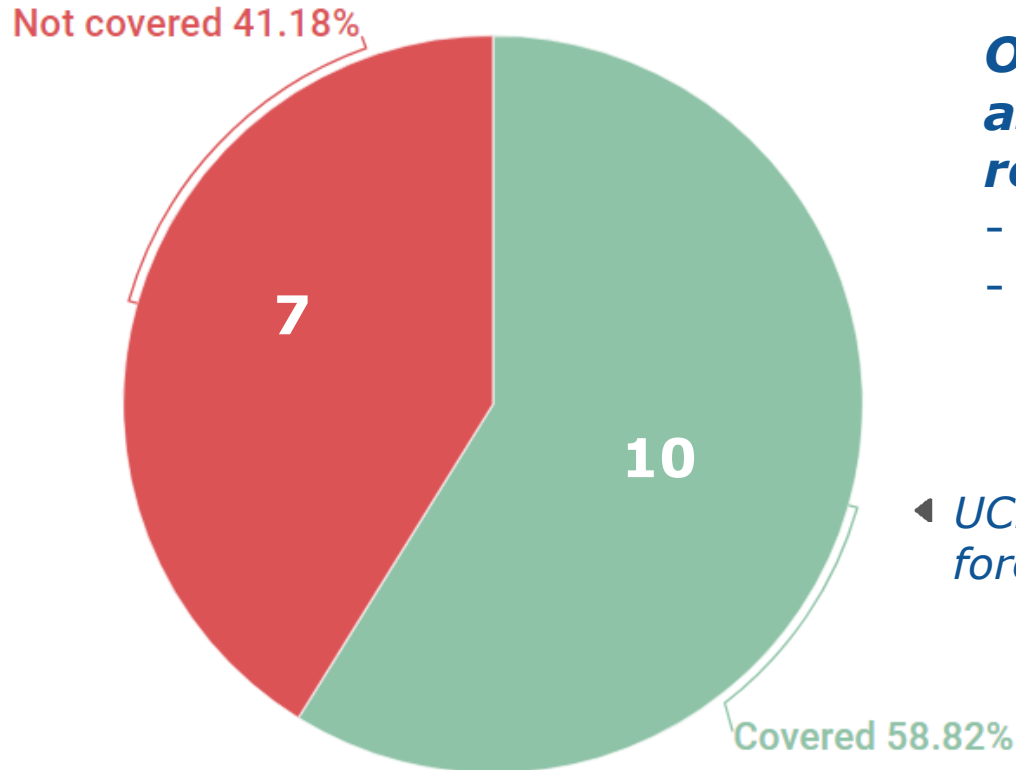
**Improved linkages with other EU instruments acting on disaster risk management**

◀ *Comparison of European Structural and Investment funds (€ **11.7 Bn.**) and UCPM funds (€ 241 mil.) related to prevention and preparedness during 2014-2020*



**€8 Bn.** | Climate change adaptation and disaster prevention (Cohesion Policy)  
**€2.3 Bn.** | Forestry measures (European Agricultural Fund for Rural Development)  
**€1.4 Bn.** | Recovery (EU Solidarity Fund)

## Current shortcomings (ii): Preparedness and response



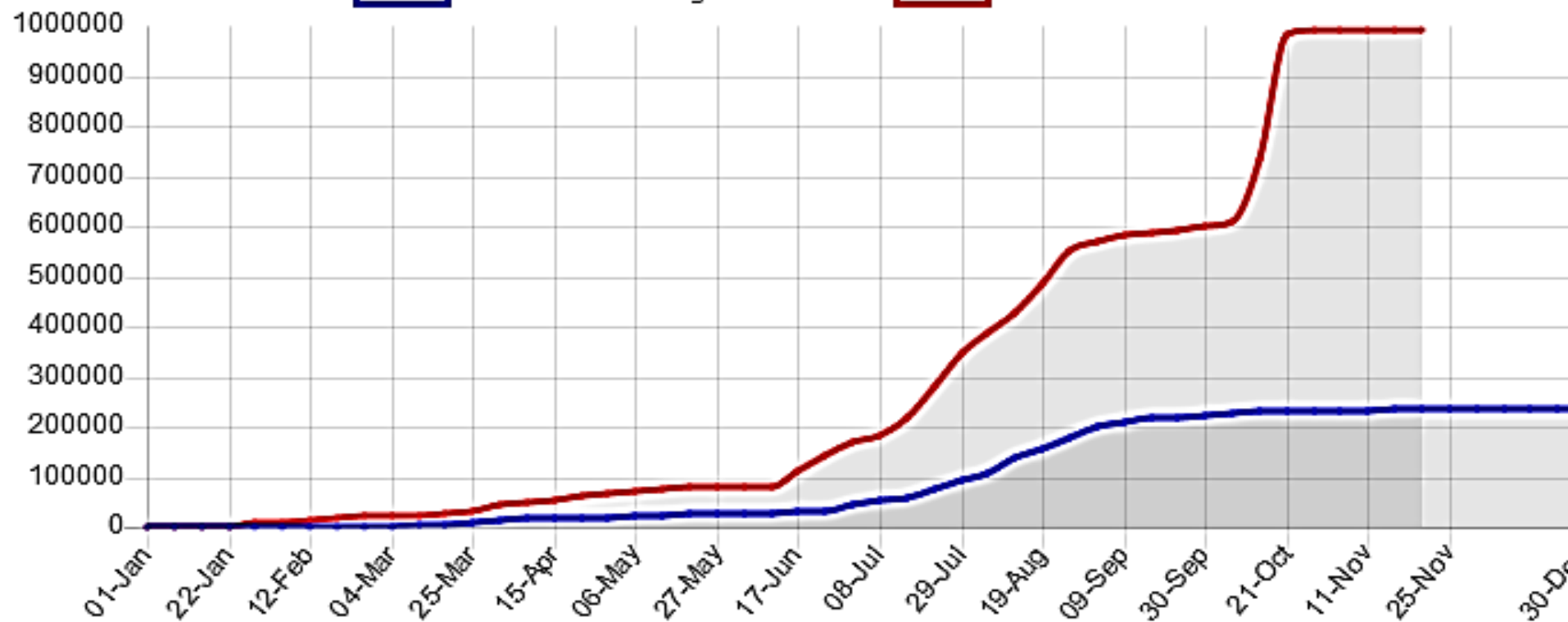
***On a number of occasions assets were not available to respond to disasters. Why?***

- *Low incentives*
- *Overall availability of assets*

◀ *UCPM activations during 2017 forest fire season.*

### Burnt Areas mapped in EFFIS (\*)

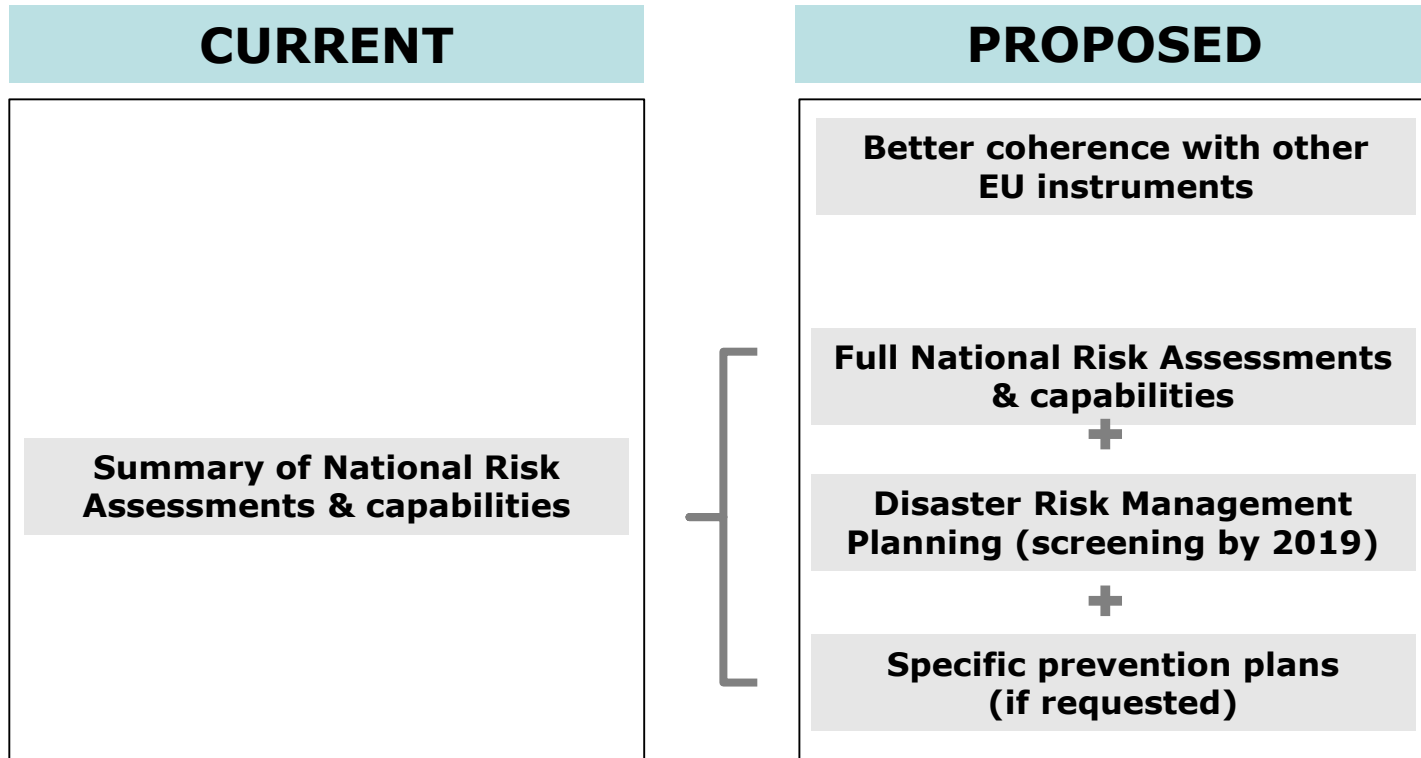
2008 - 2016 Average Burnt Areas
  2017 Burnt Areas



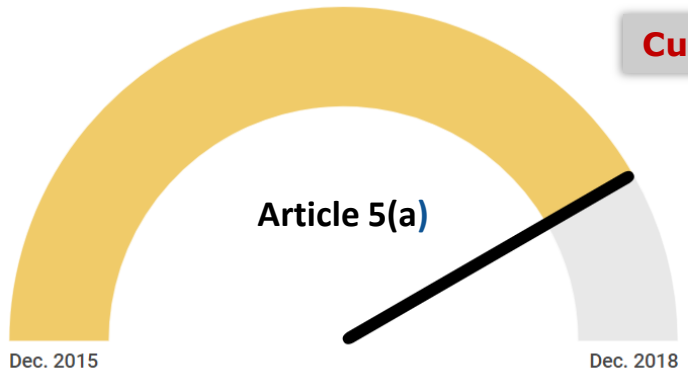
(\*) The burnt areas mapped in EFFIS represent, on average, about 80% of the total area burned by wildfires, since only fires larger than 30 ha are mapped. The area burnt by fires smaller than 30 ha represent about 20% of the total burnt area in each country, but this area is not mapped in EFFIS.



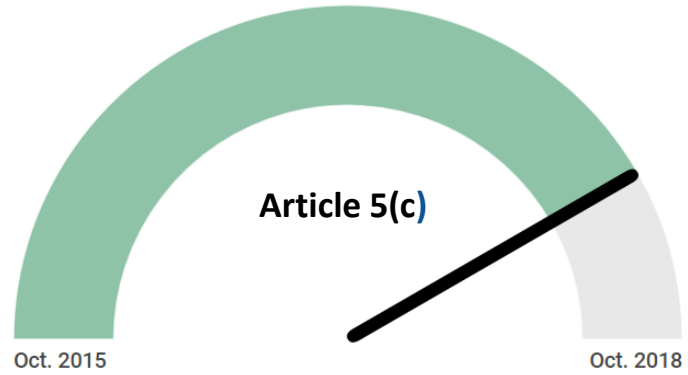
# What has changed... in prevention



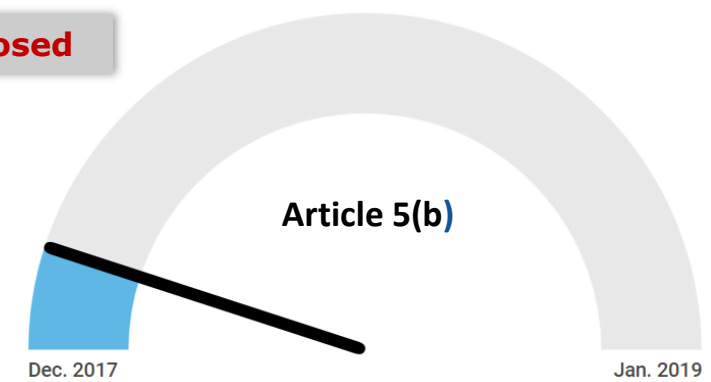
# What has changed... in prevention



● Full Risk Assessment (every 3 years)



● Risk Management Capability (every 3 years)



● Summary Risk Management Planning (every 3 years)



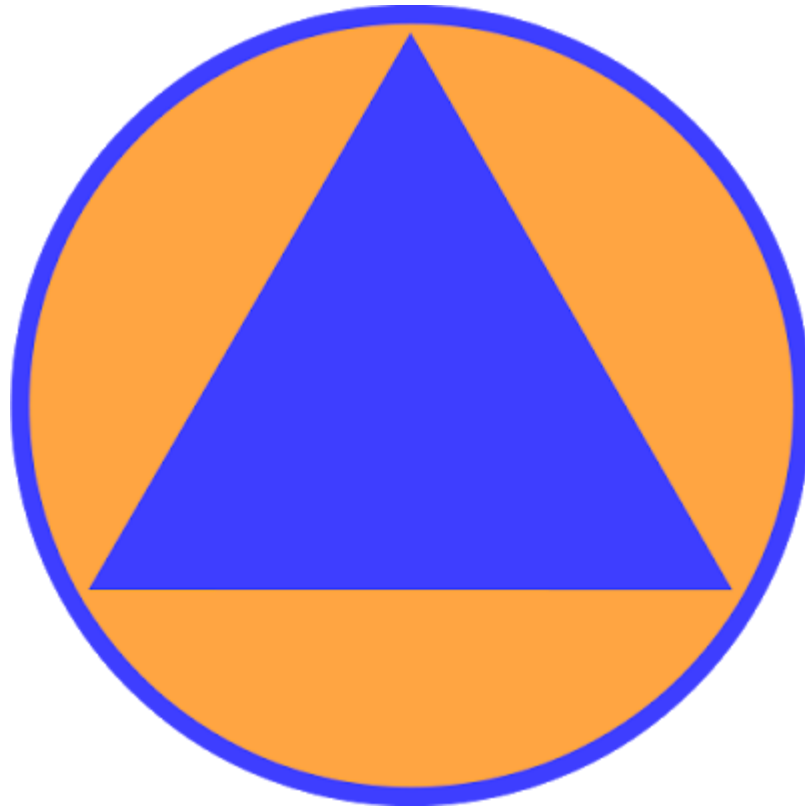
*Ad hoc* specific consultation mechanisms

# What has changed... in preparedness and response

*More capacity, less red tape*

	CURRENT	PROPOSED
FUNDING	<p><b>Non-Voluntary Pool assets</b> 55% or 85%* <i>(*if defined as 'critical need')</i></p>	<p><b>Non-Voluntary Pool assets</b> 0%</p>
AVAILABILITY	<p><b>Voluntary Pool</b> - Transport costs (85%)</p>	<p><b>European Civil Protection Pool</b></p> <ul style="list-style-type: none"> <li>- Operating costs (75%) <i>[inside EU + PS]</i></li> <li>- Transport costs (75%) <i>[Outside EU + PS]</i></li> </ul>
	-	<p><b>rescEU</b> - All costs (100%)</p>
SIMPLIFICATION	4 different co-financing rates	2 (co-)financing rates

# What has changed... in preparedness and response



# Thank you for your attention

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**#rescEU**



# Budget

## *Additional resources for a stronger UCPM*



€280 mil

Additional funds for 2018-2020 period.



€140 mil

New annual UCPM budget for 2018-2020 period  
(currently, €52 mil)



100

Additional staff for 2018-2020 period

- 18/06 : 7 aircraft – 135 pax – 29 vehicles – 1 liaison officer
- 12/08 : 5 aircraft – 163 pax – 27 vehicles
- 15/10 : 2 aircraft

25-27/07 : 1 aircraft

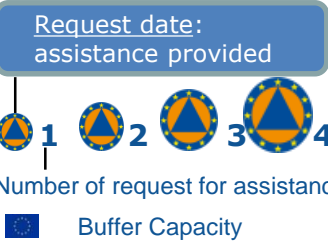
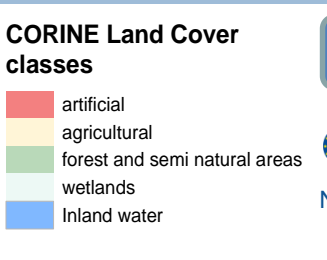
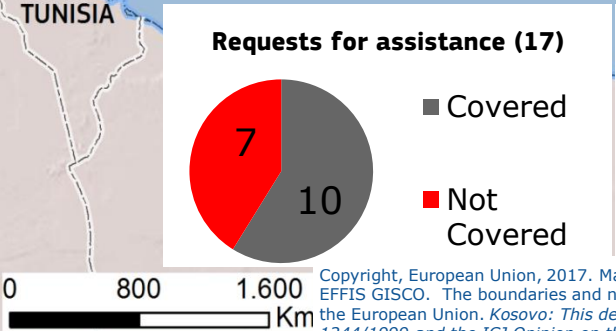
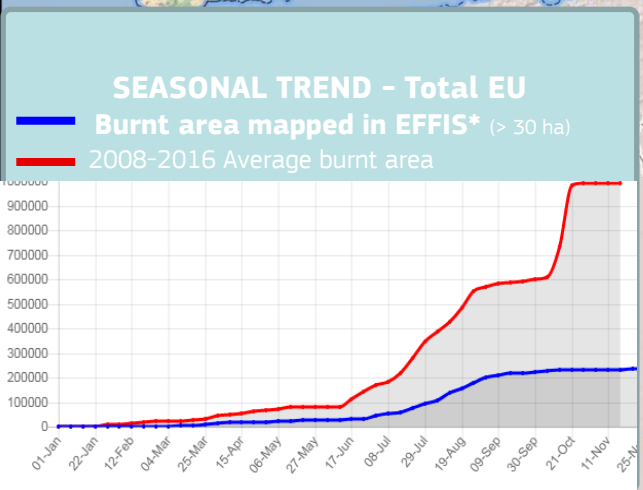
- 13-14 /07 : 3 aircraft - 1 Liaison officer
- 06/08 : 3 aircraft
- 27/08 : 3 aircraft
- 28/10 : 4 aircraft

17/07 : 1 helicopter

02/08 : 4 aircraft – 6 pax – 3 vehicles

**Deployed UCPM assets and Copernicus activations in 2017**

- 33 aircraft
  - 32 planes
  - 1 helicopter
- 304 firefighters
- 59 vehicles
- 229 Copernicus maps



## Forest fires damage in Europe in 2017

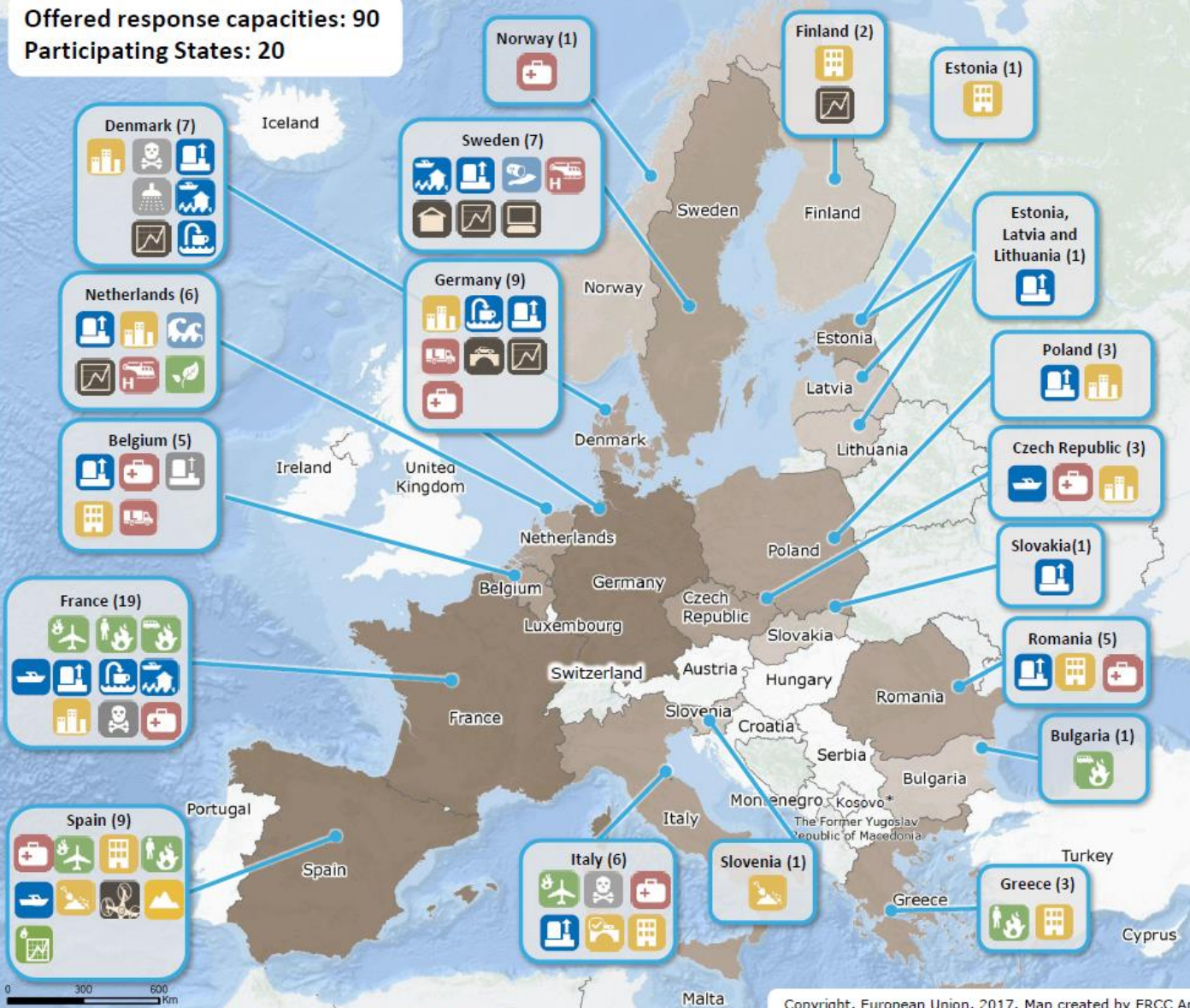
MS	Estimated surface burnt in 2017(ha)* (EFFIS 2017)	Comparison to 2008-16	% of amount of national forest in ha (FAO, 2015)
ES	130.290	+116%	0.70% of 18.418.000ha
EL	19.748	-24%	0,48% of 4.054.000ha
FR	20.587	+363.%	0,12% of 16.980.000ha
HR	67.363	+754%	3,50% of 1.922.000ha
IT	141.425	+315%	1,52% of 9.297.000ha
PT	563.374	+574%	17,7% of 3.182.000ha
<b>Total</b>	<b>942.787</b>	<b>+ 335%</b>	<b>1,75% of 53.853.000ha</b>

\* Of fires bigger than 30ha





Offered response capacities: 90  
 Participating States: 20



Response Capacities		
Flood Rescue with Boats		Mobile Lab
High Capacity Pumping		Medical Air Evacuation
Water Purification		Emergency Medical Team
Flood Containment		CBRN Detection and Sampling
Medium Urban Search and Rescue		CBRN Decontamination
Cave Search and Rescue		Extreme High Capacity Pumping
Heavy Urban Search and Rescue		Standing Engineering Capacity
Structural Assessment Capacity		Technical Assistance and Support Team
Team for mountain search and rescue (MSAR)		ICT Help Desk
Environmental Assessment Unit		Mobile Telecommunications Platform
Forest Fire Fighting with Planes		Team with unmanned aerial vehicles
Ground Forest Fire Fighting		Shelter Capacities
Ground Forest Fire Fighting with Vehicles		Maritime Incident Response Group
Team for firefighting advisory/assessment (FFAT)		Marine Pollution Capacities

The European Emergency Response Capacity is commonly referred to as the "voluntary pool". It consists of a range of emergency response capacities that countries participating in the EU Civil Protection Mechanism make available for EU emergency response operations. Since the establishment of the voluntary pool in October 2014, 20 Participating States have brought together 90 civil protection capacities which are now available (or will eventually become available) for EU operations worldwide, following a request for assistance through the European Commission's Emergency Response Coordination Centre.

\*This designation is without prejudice to positions on status, and is in line with UNSCR 1244/1999 and the ICJ Opinion on the Kosovo Declaration of Independence.