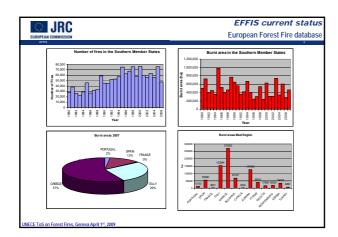
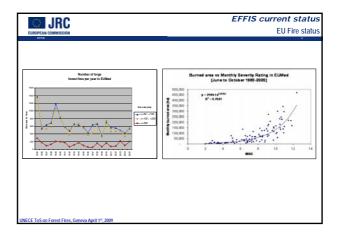


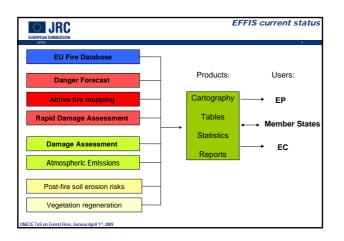
22	DC	Outline
Sec. J	nu	
EUROPEAN DO	IN ISSION	2
1.	Fire situation in Europe	
2.	EFFIS – Definition and background	
3.	Current status of EFFIS	
	 European Forest Fire Database 	
	 Fire Danger Forecast 	
	 Hot spot mapping 	
	 Rapid fire damage assessment 	
	 Fire damage assessment (seasonal) 	
	 Forest fire emissions 	
4.	EFFIS web interfaces	
5.	Foreseen improvements	
	 EFFIS damage assessment – further development of the existing system; 	
	 Fuel map of Europe; 	
	 Forest fire emissions; 	
	 Economic and social impacts of forest fires; 	
	 Forest fire causes determination and harmonization. 	
NECE ToS on Fo	rest Fires, Geneva April 1st, 2009	



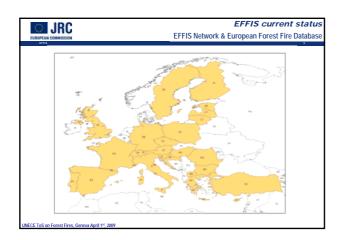


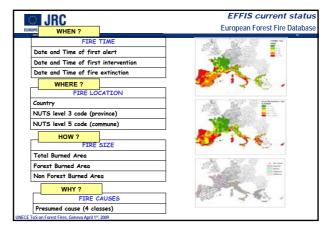
	EFFIS current status				
FURDEAN COMMISSION	EFFIS definition and background				
EHS	3				
	EFFIS) has been established by the Joint Research Centre imment (DG ENV) of the European Commission (EC) in neighbor countries.				
	ction of forests against fires in EU and neighbor countries, an Parliament with information on forest fires in Europe.				
	tion on forest fires at the European level, providing e and post-fire phases, thus supporting fire prevention, ions.				
	to national and regional systems in the countries, which r international collaboration on forest fire prevention and nts.				

COPEAN DEFDS	UCCONTRACTOR OF A CONTRACTOR O
	1992 - Regulation 2158/92 for the establishment of European Forest Information Systems in the countries.
	1994 - Establishment of the Common Core of Information on Forest fires, and creation of the EU Database.
	1998 – First discussions for the establishment of the European Forest Fire Information System
	2000 – Transfer of the Common Core of forest fire data to EFFIS → EU Fire Database.
	2000 – First pre-operation EFFIS fire campaign.
	2002 - Community Action Plan on Civil Protection to improve cooperation in forest fire preparedness and fighting.
	2003 – Forest Focus regulation. Official establishment of the EFFIS in text of this regulation.
	2006 – Agreement with FAO/Silva Mediterranea for the extension of EFFIS to cover countries in this network.

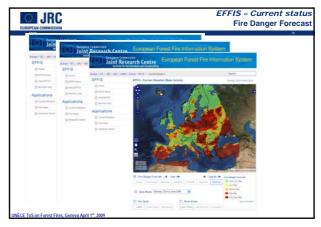


୍ଧ୍ୟ	RC			EEEIS Not	EFFIS current statu EFFIS Network & European Forest Fire Database				
EUROPEAN COM	rission					uropean rorest		υa	
Country	Joined EFFIS	Data from - to	Number of years	Country	Joined EFFIS	Data from - to	Number of years		
Portugal	2000	1985 - 2006	22	Czech Republic	2004	2004 - 2006	3	1	
Spain	2000	1985 - 2006	22	Hungary	2004	2002 - 2007	6	1	
France	2000	1985 - 2006	22	Latvia	2004	2004 - 2006	3	1	
Italy	2000	1985-2006	22	Lithuania	2004	2004 - 2006	3	1	
Finland	2000	2004 - 2005	2	Poland	2004	1993 - 2006	14	1	
Germany	2000	1994 - 2006	13	Slovenia	2004		0	1	
Greece	2000	1985 - 2004	20	Slovakia	2004	2004 - 2006	3	1	
Bulgaria	2002	2006	1	Sweden	2004	1996 - 2006	11	1	
Cyprus	2002	2000 - 2006	7	Turkey	2004	2005 - 2005	1	1	
Romania	2002	2004 - 2005	2	U. K.	2005		0	1	
Austria	2003		0	Croatia	2006	1996 - 2006	11	1	
				Estonia	2006	2005 - 2006	2	1	
Joint effo	Joint effort of national and EC services				2006		0		
26 Countries, 22-1 years				Montenegro	2007		0	1	
Individual fire event records delivered yearly by				by MS ^{OM}	2008		0	1	
About 1.8			, oung	-,				•	
CE ToS on Fore	st Fires. Gene	eva April 1 st , 2009							

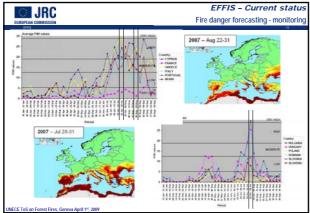






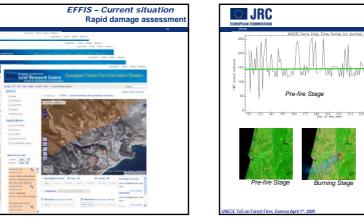


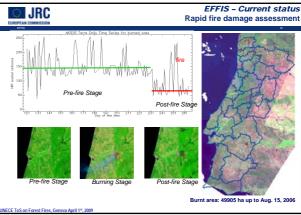


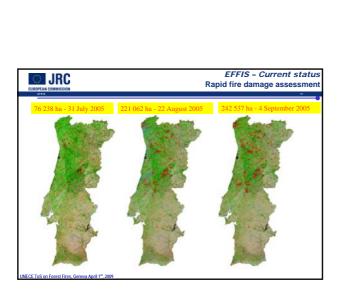


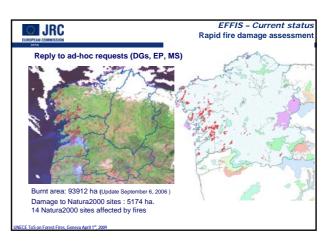
JRC

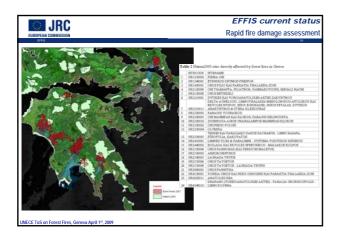
 LIFE CONTRACTOR







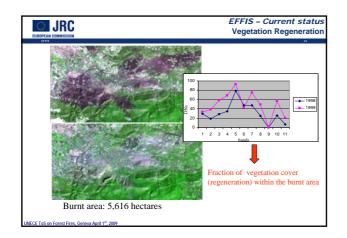


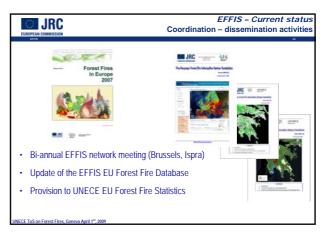






					EFFIS – Current status Forest fire emissions				
FURD	and the second				Fores	st fire e	missions		
A	5						2		
	(Tg – Med reg.)	2000	2001	2002	2003	2004	2005		
	Burned Biomass	6.4	4.4	4.1	11.5	5.5	7.8		
Jul - Tal	CO2	10.7	7.3	6.9	19.3	9.1	12.9		
	со	0.434	0.287	0.279	0.749	0.363	0.529		
	CH4	0.023	0.015	0.014	0.039	0.019	0.027		
find the second	PM2.5	0.043	0.029	0.028	0.075	0.036	0.052		
a set in the set	PM10	0.051	0.034	0.033	0.089	0.043	0.062		
	PM	0.071	0.048	0.046	0.125	0.060	0.087		
A CONTRACTOR OF	NMHC	0.019	0.012	0.012	0.032	0.016	0.023		
the second s	VOC	0.022	0.015	0.014	0.039	0.019	0.027		
	NOX	0.030	0.020	0.019	0.052	0.025	0.037		
	OC	0.026	0.017	0.017	0.045	0.022	0.031		
Party and	EC	0.003	0.002	0.002	0.005	0.003	0.004		
UNECE ToS on Forest Fires, Geneva April 14, 200	A CONTRACTOR	timates P	T, ES, F	R, IT, G	R (Tg)				





EFFIS foreseen improvements The Commission is implementing the pilot project "forest protection and conservation" following the European Parliament Resolution of May 2006 Focus on the further development of the European Forest Fire Information System (EFFIS) Tenders published 17/06/2008 Budget of 3 million EUR and duration of 40 months, includes the development of the following modules: . - EFFIS rapid damage assessment (RDA) and damage assessment (DA) – further development of the existing system: . - Fuel map of Europe: . - Forest fire causes determination and harmonization. . - Economic and social impacts of forest fires; WEGE tids on forest fires General fires General fires (mean fires)

JRC

Thank you for your attention