Cette présentation a été effectuée le 23 novembre 2007, au cours de la journée

« Gestion de la pollution atmosphérique et des gaz à effet de serre, vers des pratiques novatrices pour améliorer la santé et l'avenir de notre planète »

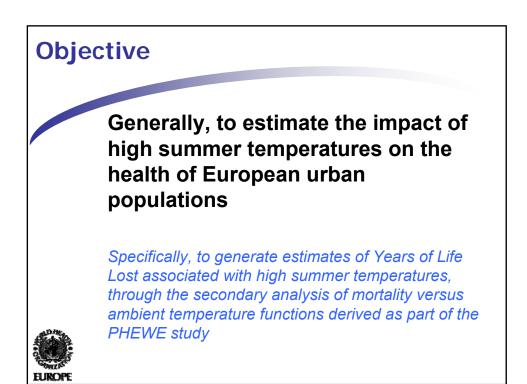
dans le cadre des Journées annuelles de santé publique (JASP) 2007. L'ensemble des présentations est disponible sur le site Web des JASP, à l'adresse http://www.inspq.qc.ca/archives/.

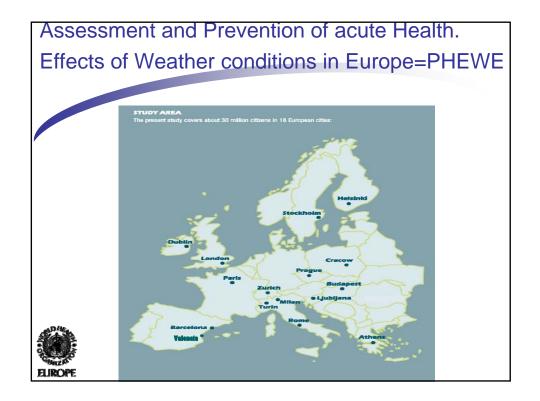


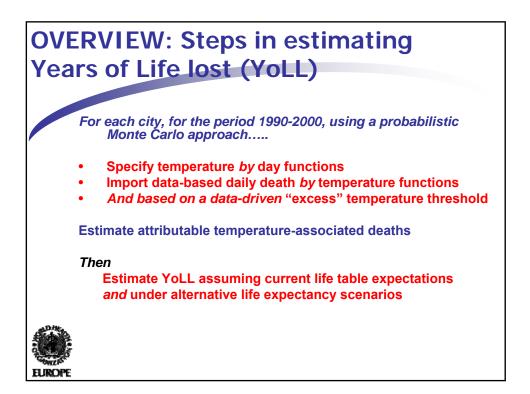
## Years of life lost (YoLL) due to high summer temperatures in 15 European cities

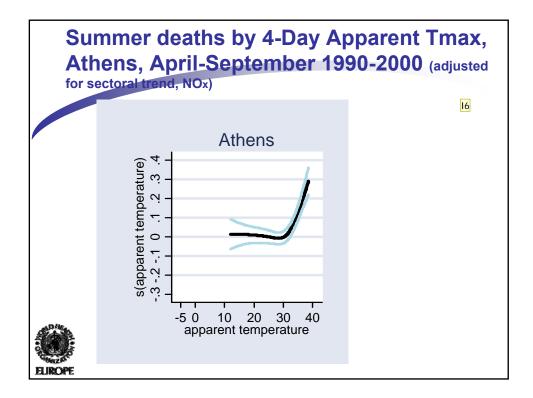
Tom Kosatsky, Michela Baccini, Annibale Biggeri, Gabriele Accetta, Ben Armstrong, Bettina Menne, Paola Michelozzi for PHEWE Work Package 7

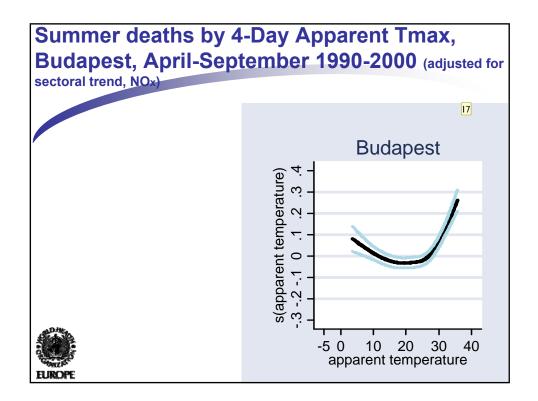










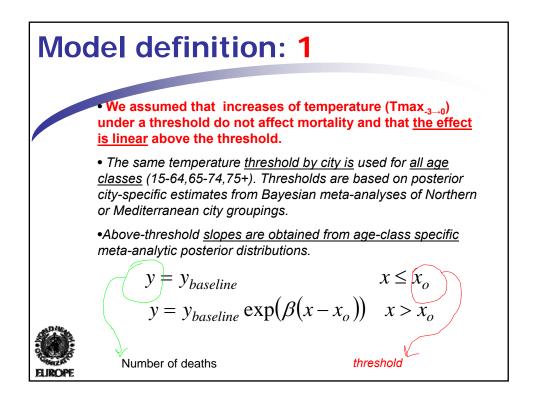


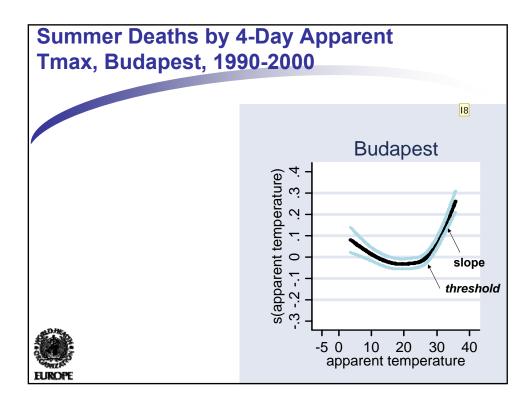
### Diapositive 5

**16** Informatique; 2007-11-22

### Diapositive 6

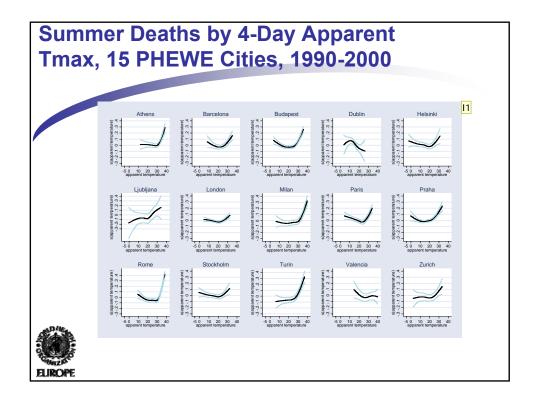
**17** Informatique; 2007-11-22

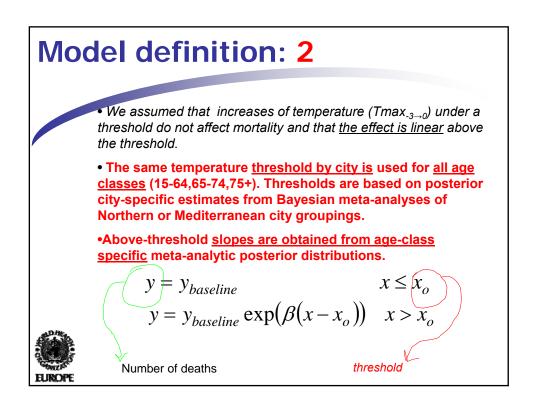




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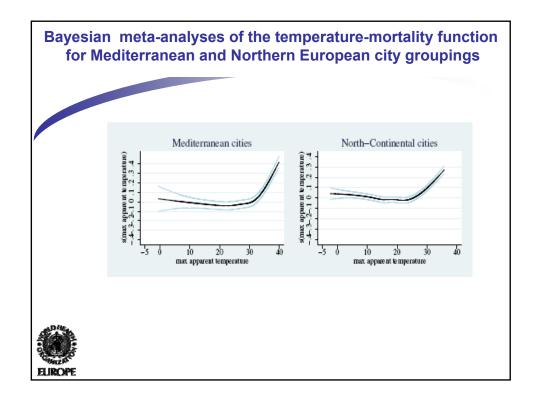
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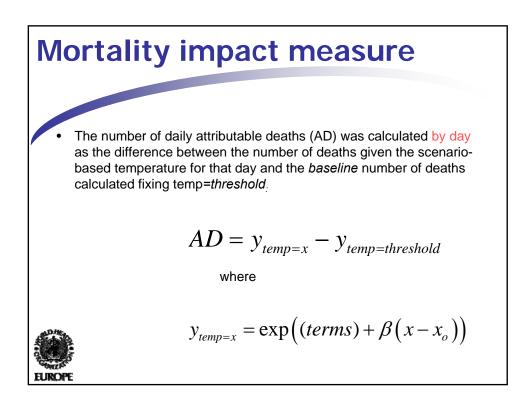


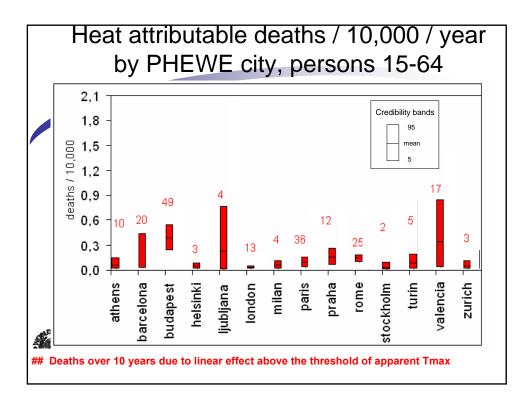


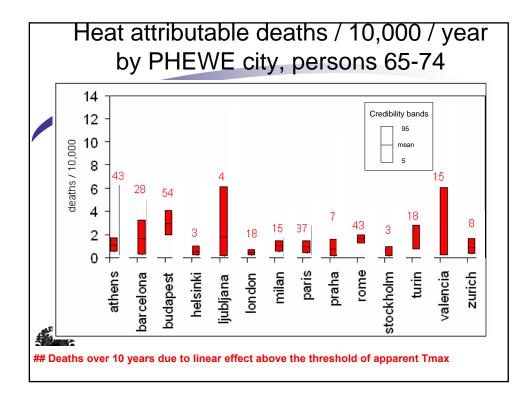
#### Diapositive 9

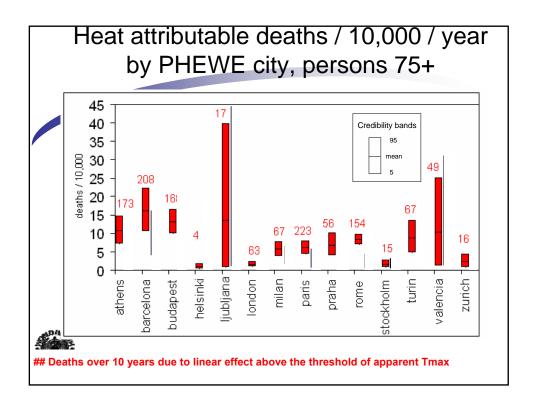
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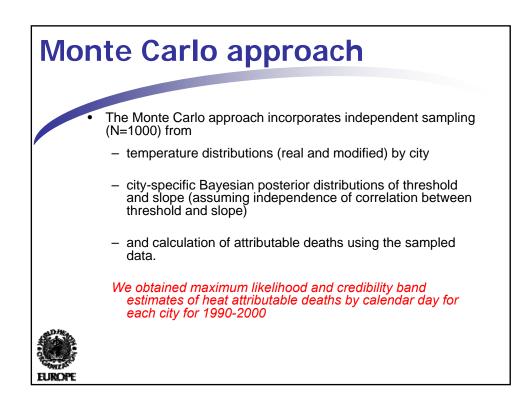




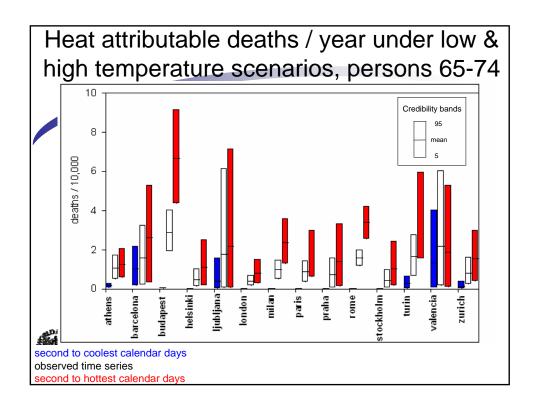


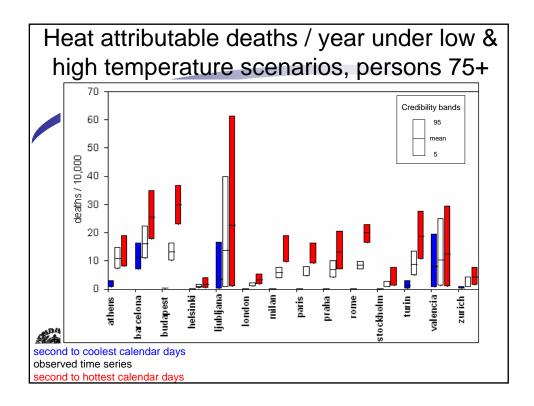


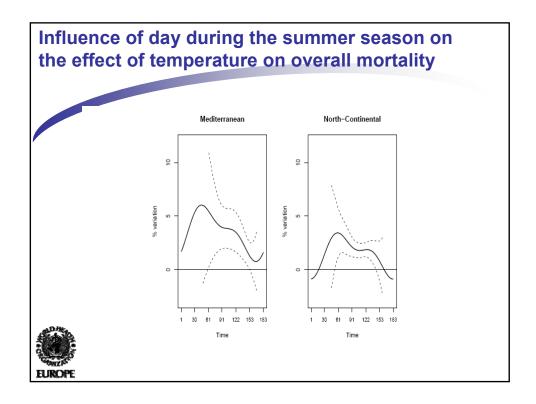




Alte	ernative sc	enarios	
	Temperatures	Slopes	Lags
	Hottest year	Based on three coolest years	Cumulative 0-30 day lag
	Coolest year	·	
	Second-to-coolest by calender date for the 10 years Second-to-hottest	Based on three hottest years	
		Based on April-Jun	1e
		only	
	by calender date		
EUROPE	for the 10 years		

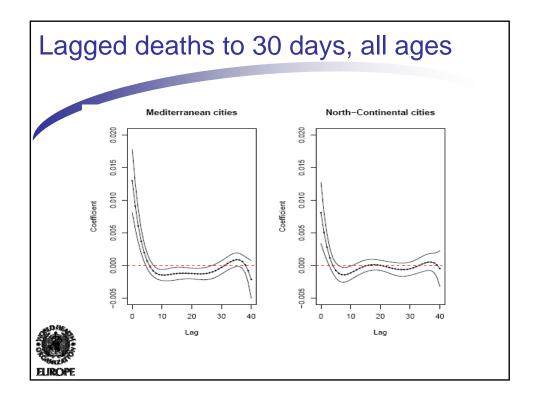


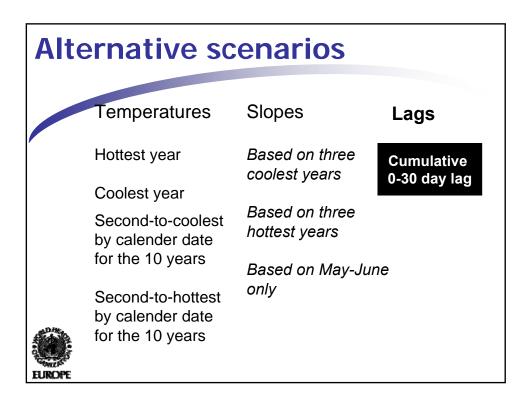


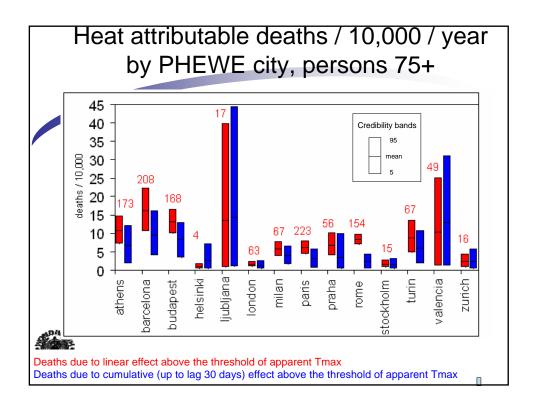


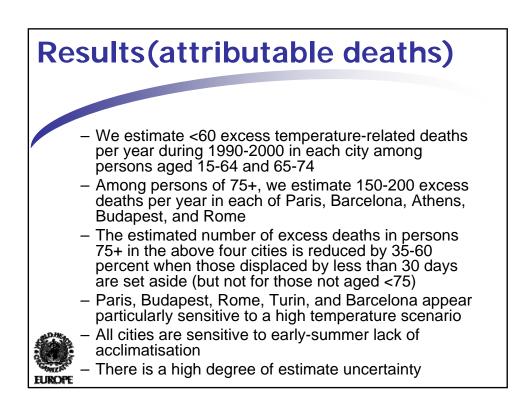
Alte	ernative sc	enarios	
	Temperatures	Slopes	Lags
	Hottest year Coolest year	Based on three coolest years	Cumulative 0-30 day lag
	Second-to-coolest by calender date for the 10 years	Based on three hottest years <b>Based on May-Ju</b>	ine
EUROPE	Second-to-hottest by calender date for the 10 years	only	

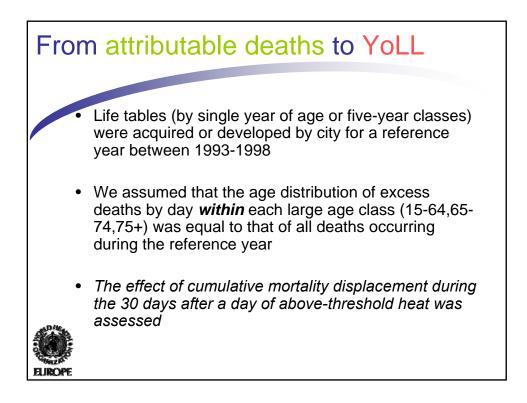
		-	
City	Base-case	Scenario	Scenario
	Attributable	april-	july-
	deaths per	june	august
	year		
Athens	230	694	208
	(172, 290)	(521, 861)	(149, 278)
Budapest	399	510	310
	(346, 463)	(425, 594)	(262, 359)

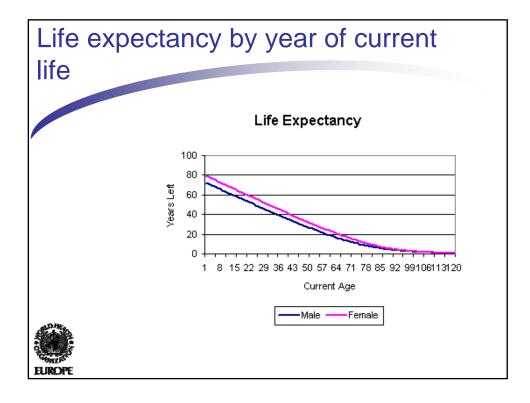


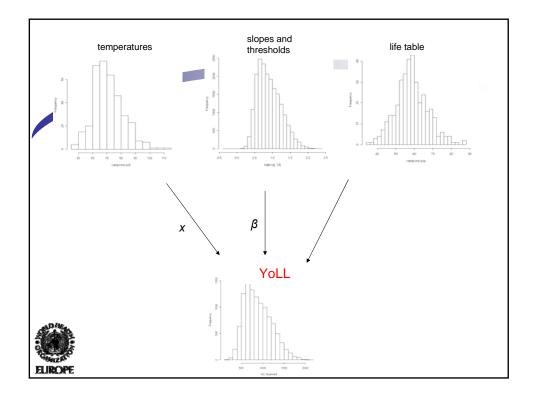


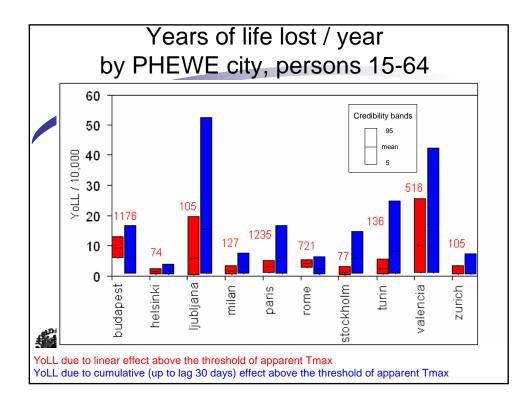


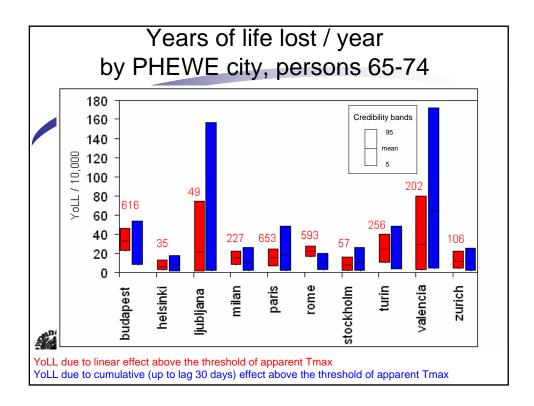


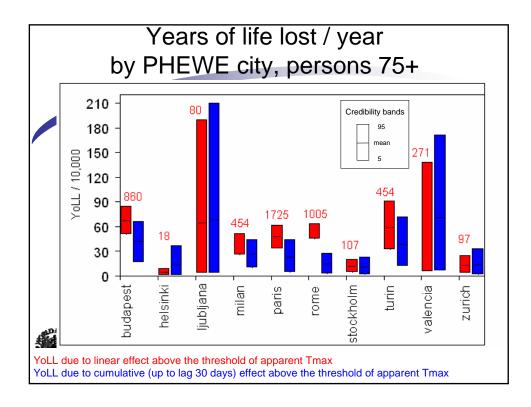


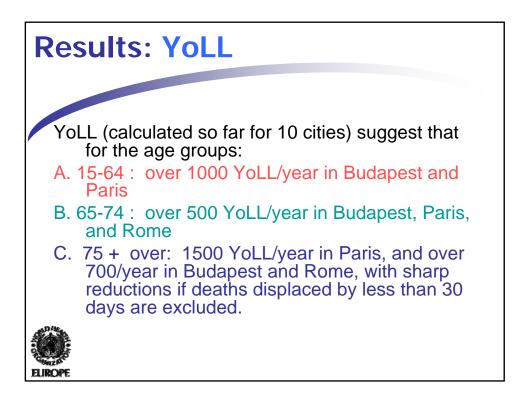


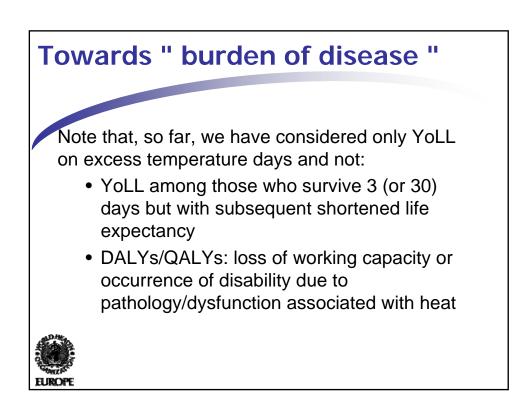




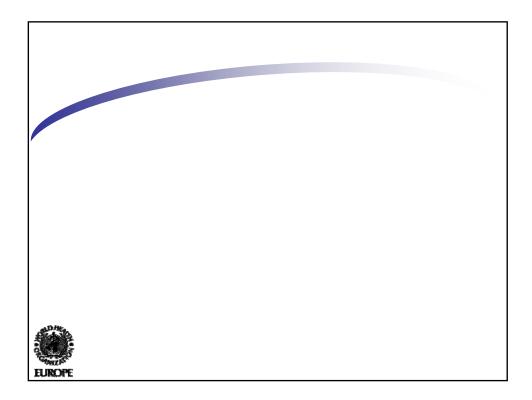












# Assessing the burden of excess summer heat

## The burden of disease approach

(Murray CJ, Ezzati M, Lopez AD, Rodgers A, Vander Hoorn S, 2003) The burden of disease approach permits the quantification of health risks expressed as "health loss", a common denominator combining both truncated lifespan and years lived with disability. This approach has been applied to situations where the effect of exposure on both disease incidence and on disability given disease (as well as on mortality) is positive and can be estimated: its application may not be pertinent where effects of exposure are primarily in persons of retirement age and where sudden death or hospitalisation with recovery are the demonstrated consequences of exposure.

