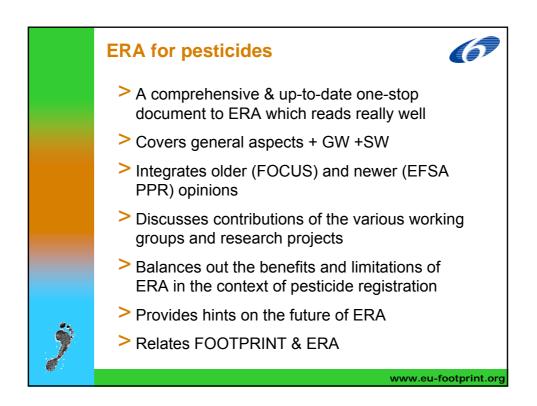
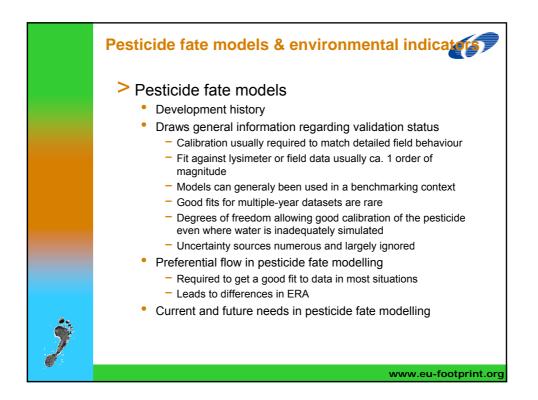
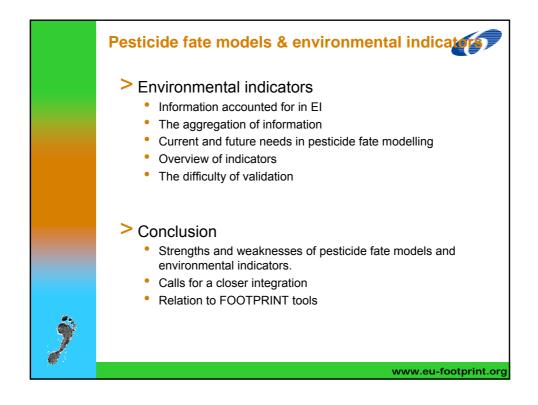
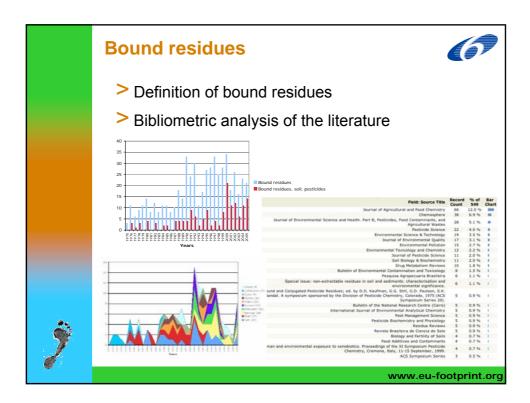


	Classificatior	n of the 5 i	6	
		Extensive review	Novel approach	Knowledge gap
	ERA for pesticides	\checkmark		
	Models and/or env. indicators		\checkmark	
	Bound residues	\checkmark	\checkmark	
	Preferential flow	\checkmark		
	Mitigation strategies			\checkmark
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	Bound resid	dues	5				67
	Proportion residues	ofc	om	p	ouno	ds form	ning bound
		Pesticide	Initial	Rate	Plateau	Maturation	Reference
		2.4-D	BR < 5 %	High	(time) Yes (10 d)	(final time) Release (60 d)	Boivin et al., 2005
		Acetochlor	< 5 %	High	Yes (90 d)	Release (371 d)	Loor-Vela et al., 2003
		Alachlor Atrazine	< 5 % < 10 %	High Low	Yes (28 d) Yes (200 d)	Incorporation (80 d) Stable (326 d)	Laabs et al., 2002 Assaf & Turco, 1994
		Atrazine	?	Low	No (180 d)	3table (320 u)	Winkelman & Klaine, 1991
		Atrazine Atrazine	< 5 % < 10%	Law High	No (91 d) Yes (60 d)	Release (154 d)	Mordaunt et al., 2005 Miller et al., 1997
		Atrazine	< 20%	High	No (56 d)		Hang et al., 2003
		Atrazine	? < 10 %	High	Yes (60 d)	Release (360 d)	Nakagawa et al., 1996
		Bentazone Chlorothalonil	< 10 %	Low High	Yes (60 d) Yes (7 d)	Stable (inc.) (160 d) Stable (90 d)	Boivin et al., 2004 Regitano et al., 2001
		Chlorpyrifos	< 5 %	Low	No (97 d)	01000 (00 0)	Y celetal., 1999
		Chlorpyrifos	< 5 %	Law	No (80 d)		Laabs et al., 2002 Wolt et al., 1996
		Cloransulam Cyprodinil	< 5 % < 10 %	High Low	Yes (120 d) No (200d)	Release Inc. (357 d)	Wolt et al., 1996 Dec et al., 1997
					(yes, 100 d)		
		DDT Deltamethrin	< 5 % < 10 %	High Low	Yes (7 d) Yes (30 d)	Incorporation (28 d) Stable (80 d)	Lichtenstein et al., 1977 Laabs et al., 2002
		Diallate	< 5 %	High	Yes (28 d)	Release (210 d)	Anderson & Domsch. 1980
		Dicamba	< 5 %	High	Yes (40 d)	Release (91 d)	Mordaunt et al., 2005
		Dicamba	<10 % < 5 %	High	Yes (14 d) No (28 d)	Release (90d)	Gevao et al., 2005 Lichtenstein et al., 1977
		Dimethenamid		High	Yes (30 d)	Stable (inc.) (142 d)	Crawford et al., 2002
		Dyfonate	< 5 %	High	Yes (14 d)	Stable (28 d)	Lichtenstein et al., 1977
		Endosulfan Endosulfan	<20 % < 5 %	Law Law	No (160 d) No (80 d)		Monteiro et al., 1989 Laabs et al., 2002
		Flupropacil	< 5 %	Low	No		Vithala & White, 1996
		Isoproturon	< 5 % < 10 %	Law	Yes (40 d)	Incorporation (91 d)	Mordaunt et al., 2005
		Isoproturon Lindane		Low	No (40 d) Yes (70 d)	Release (91 d)	Benoit et al. 1999 Mordaunt et al., 2005
		Metamitron	< 5 %	High	Yes (28 d)	Release (stable) (84 d)	Mamy et al., 2005
		Metazachlor Metsulfuron	< 5 % < 5 %	High High	Yes (14 d) Yes (20 d)	Stable (84 d) Incorporation (100 d)	Marry et al., 2005 Pons & Barriuso, 1998
		Monocrotofos	< 5 %	High	Yes (4 d)	Stable (80 d)	Laabs et al., 2002
		Paraquat	< 5 %	High	Yes (1 d)	Stable (91 d)	Mordaunt et al., 2005
		Parathion Phosalone	< 5 % < 5 %	High High	Yes (7 d) Yes (14 d)	Incorporation (28 d) Incorporation (84 d)	Lichtenstein et al., 1977 Ambrosi et al., 1977
		Prometryne	< 5%	Low	No (150 d)		Khan & Hamilton, 1980
<u> </u>		Propiconazole Prosulfuron	< 5 % < 20 %	Low High	No (12 m) Yes (20 d)	Stable (release (105 d)	Kim et al., 2003 Hultoren et al., 2002
60 h		Simazine	< 5 %	Low	Yes (50 d)	Incorporation (80 d)	Laabs et al., 2002
		Sulcotrione Triallate	< 5 % < 5 %	Law High	Yes (56 d) Yes (140 d)	Incorporation (84 d) Release (365 d)	Mamy et al., 2005 Anderson & Domsch. 1980
		Trifluraline	< 5 %	Low	No (140 d)	nelease (300 d)	Mamy et al., 2005
		Trifluraline	< 5 %	Low	No (80 d)		Laabs et al., 2002
· All		Trifluraline Triticonazole	< 5 % <10 %	Law Law	No (91 d) Yes (100 d)	Stable (130 d)	Mordaunt et al., 2005 Beigel et al., 1999
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