Workshop objective:
Discuss results from recent and ongoing research (Cefic LRI, Concawe, ECHA), and consider how the results of these projects could be used to improve persistence assessment of chemicals

09:00 – 09:20	**Introduction by workshop co-chairs: Graham Whale, Shell Health, UK; Paul Van Elsacker, Federal Public Service Health, Food Chain Safety and Environment, Belgium** • Towards an improved understanding of persistence in the 21st Century • Outcome of ECETOC 2012 workshop 'Assessing Environmental Persistence, Nov 2012, Paris' • Objectives of the day	
09:20 – 09:45	**Persistence/biodegradation assessment from a regulatory point of view Vincent Bonnomet (ECHA)**	
09:45 – 11:30	**Session 1: Role of microbial community in degradation testing (adaptation, variability, growth and cometabolism)** **Moderator - Kees van Ginkel, Akzo Nobel**	
	09:45 – 10:00	The effect of including environmentally relevant microbial diversity in biodegradation screening tests for persistence assessments – Cefic LRI ECO 11 **Russell Davenport, Newcastle University**
	10:00 – 10:15	Implication of microbial adaptation for the persistency of emerging pollutants - Cefic LRI ECO 29 **John Parsons, University of Amsterdam**
	10:15 – 10:30	Investigating mixture & concentration effects on biodegradation kinetics - DTU/Concawe project **Rikke Hammershoj, Technical University of Denmark (DTU)**
	10:30 – 10:45	Overview presentation on key issues around session theme **Kees van Ginkel**
	10:45 – 11:30	45 min Q&A/discussion with all presenters

11:30 – 11:45	*Coffee and poster viewing*	
11:45 – 13:00	**Session 2: Impact of environmental factors on bioavailability and degradation** **Moderator - Russell Davenport**	
	11:45 – 12:00	Identifying strategies that will provide greater confidence in estimating the degradation rates of organic chemicals in water, soil, and sediment – Cefic LRI ECO 31 **Philipp Dalkmann, Bayer AG**
	12:00 – 12:15	Environmental risk assessment of poorly soluble substances: Improved tools for assessing biodegradation, (de)sorption, and modelling – Cefic LRI ECO 32 **Fabio Polesel, Technical University of Denmark (DTU)**
	12:15 – 12:30	Overview presentation on key issues around session theme **Russell Davenport**
	12:30 – 13:00	30 min Q&A/discussion with all presenters
13:00 – 14:00	*Lunch*	
14:00 – 15:45	**Session 3: Interpretation of the OECD simulation test results and identified challenges** **Moderator - Kathrin Fenner, Eawag**	
	14:00 – 14:15	Identifying limitations of the OECD water-sediment test and developing suitable alternatives to assess persistence - Cefic LRI ECO 18 **Kathrin Fenner**
	14:15 – 14:30	Limitations of OECD 307 and OECD 309 and recommendations for enhancements - Fraunhofer/Concawe project **Dieter Hennecke, Fraunhofer IME**
	14:30 – 14:45	Biodegradation kinetics of hydrocarbons at low concentrations – Covering several orders of magnitude in hydrophobicity and volatility - DTU/Concawe project **Heidi Birch, Technical University of Denmark (DTU)**
	14:45 – 15:00	Overview presentation on key issues around session theme **Kathrin Fenner**
	15:00 – 15:45	45 min Q&A/discussion with all presenters
15:45 – 16:15	*Coffee and poster viewing*	
16:15 – 16:45	**Overview of key outcomes from all discussion sessions and closing remarks/next steps** **Moderators – Graham and Paul**	

Registrations to the Workshop can be made at the following link:
http://cefic-lri.org/events/cefic-lri-concawe-workshop-on-recent-developments-in-science-supportive-to-the-persistencebiodegradation-assessment/