



2 DTU Programme = 13.30 Effects Modelling (S.I Olsen and H.F. Larsen) Risk-based and DALY-based human toxic effect factors EC50-based ecotoxicity effect factors · Characterisation factors 15.00 Calculation of characterization factors (M. Hauschild) · Fate, exposure and effect modelling into unique metric 15.20 Break 15.40 Source to impact framework and uncertainty (R.Rosenbaum) Matrix approach, USEtox[™] model 16.00 Overall Modelling with USEtox (All) Characterisation factors for human health impacts and ecotoxicological impacts 17.00 Course adjourned USEtoxT DTU Management Engineering ering













9.20 Chemical fate modelling (M.Birkved)	Ors ^{FF} ↓ _{IF}
11.00 Human Exposure Modelling (R. Rosenbaum)	XF ∫
13.30 Effects Modelling (S.I Olsen and H.F. Larsen)	EF
15.00 Calculation of characterization factors (M. Hauschild)	CF
15.40 Source to impact framework (R.Rosenbaum)	CE = iE·EE
16.00 Overall Modelling with USEtox (All)	CF = FF·EF
DTU Management Engineering Department of Management Engineering	USEtox TM M. Hauschid Tox aspects in LCA 38, DTU Lyngby 8 April 2010 10