

Deliverable/ milestone	Title	Descriptions	Year
182_2_1_D1	Field-scale balances of N, P, Cu, Zn, Cd and Pb, and the impacts of policies on those balances	Report??? INTEGRATOR- and UMA-based accounts using 2014 (updates 2015; see 1.8.2.2 M2)	2014
1.8.2.2 M2	Uncertainties in current agricultural nitrogen and phosphorus land budgets in EU-27, derived by an intercomparison of three independent methods	Report??? improved data, plus the Gross Nutrient Balance (GNB) approach	2015
1.8.2.2 M1	Approaches used to quantify critical loads of N, P and Cd in EU-27	(update of work in 2015) Final report: approaches used to quantify critical loads of N, P and Cd	2016
1.8.2.2 D1	Critical loads and exceedances of N, P and Cd in EU27	Report on background, methodology results and conclusions of calculated critical loads of N, P and Cd and their current exceedances (update of the milestone)	2016
1.8.2.3 M4	Methodology to assess dynamics in P and Cd concentrations over time in response to changed inputs	Report (no data/results): methodical descriptions and input data to predict the dynamics in P and Cd in crops, soil and soil solution over time in response to changed inputs.	2016
(delayed articles from 2016 plus Cd work 2017)			2017
1.8.2.1 M1	'Modelling the dynamics in soil accumulation, crop uptake and leaching of Cd in response to Cd fertilizer scenarios'	Article and spatial database; includes 1.8.2.2M1 of 2016	2017
	"Modelling Cd dynamics in response to Cd fertilizer scenarios"	EEA briefing replacing the briefing on "Impacts of end of waste policies on changes on heavy metal loads and surpluses"	2017
1.8.2.3 M2	"Intercomparison of N and P budgets by various approaches"	Article	2017
1.8.2.3 M3	"Current and critical N inputs in agriculture being the agreed change in the milestone "	Article	2017
	Current and critical inputs of N and the uncertainties therein	EEA briefing	2017
1.8.2.1 M2	'Assessing current versus critical metal (Cd, Pb, Cu and Zn) concentrations and loads in view of soil biodiversity impacts'	Report and spatial database	2017
??	<ul style="list-style-type: none"> <i>Critical load updates for N.</i> <i>Current and critical Cd, Pb, Cu and Zn inputs</i> <i>Cd Dynamics</i> <i>P dynamics</i> <i>Habitat suitability index</i> 	Foreseen	2017

Data update 2014-2015 (in INTEGRATOR):

- Update of N and P budgets due to gap filling of crop yields (affecting N, P and metal uptake and thereby the fertilizer and manure distribution)

- update of the manure distribution module at country level (caused an update of P and metal inputs from manure in some countries and a slight change in P and metal fertilizer inputs).

Databases

	<i>Field-scale balances of nitrogen, phosphorus, copper, zinc, cadmium and lead, and the impacts of policies on those balances</i>	No datasets were uploaded in this year but in 2015	2014
1.8.2.2 M2	<i>Databases of nitrogen and phosphorus land budgets in EU-27.</i>	Excel sheets with calculated N and P balances: NUTS 3, NCU 2010 scenarios (BAU, RL, EoW 5%, EoW 10% and EoW 15%) for metal accumulation with information on changed N and P inputs (affecting metal inputs) at country level and NUTS3	2015
1.8.2.2D1		Excel sheets with calculated critical loads of N, P and Cd (country and NUTS3) Word file with tables and graphs	2015