



Experiences of an editor in agricultural datasets

Assumpció Antón







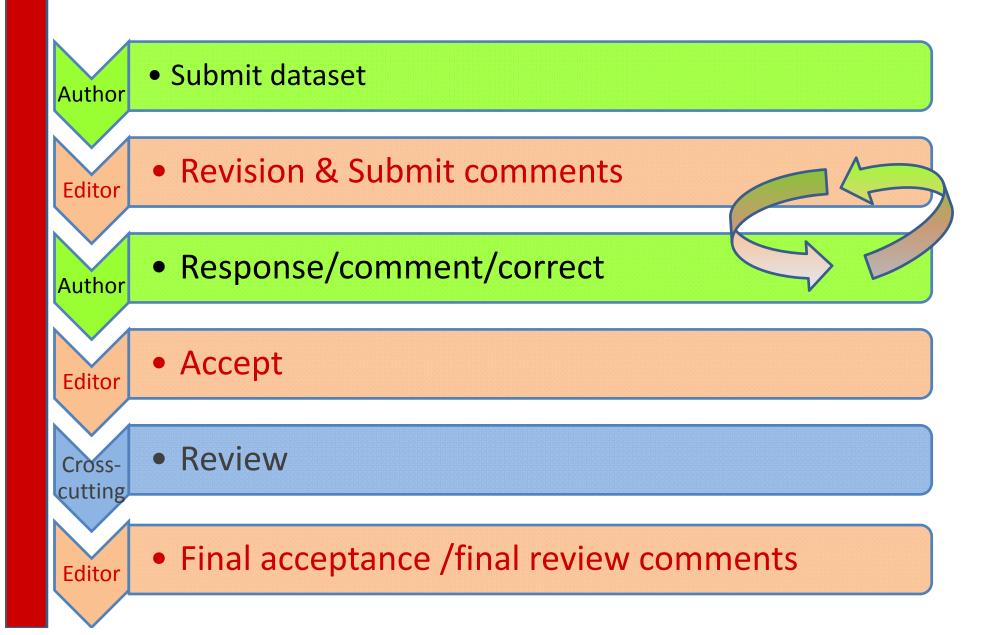
Outline

- Why? Reasons to review
- How? Process to perform a review
- What? General and core revisions
- Quality? Main concerns

Why?



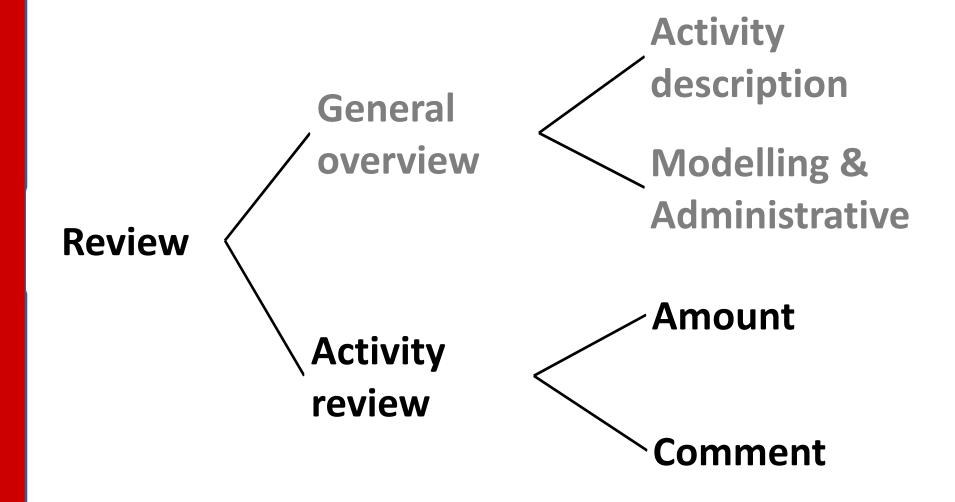
How?

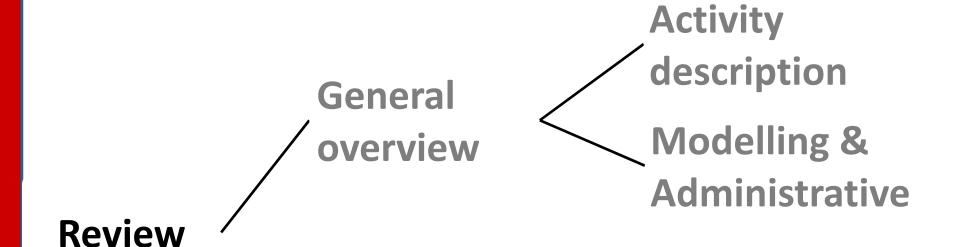




To add review comments and author responses

	Activity		catch crop growing, phacelia, September-October, organic fertiliser 40 kg N, GLO 2012			celia, September-October, organic fertiliser 60 kg N, CH 2011		catch cr
	Activity Name catch crop growing, phacelia, Septem Type UnitProcess Special Type OrdinaryTransformingActivity Inheritance Depth NotAChild General Comment This dataset represents the cultivation matter yield is 1404 kg/ha. The moists					celia, September-October, organic fertiliser 60 kg N		
Т								
T			OrdinaryTransformingActivity	dinaryTransformingActivit	ginary Transforming Activity			
Ţ			NotAChild	NotAChild				
Ī					of phacelia silage on an area This dataset represents the matter yield is 1544.4 kg/hr		e cultivation of phacelia silage on an area of 1 ha. The dry a. The moisture content of the silage at storage is 75%.	
	Farm manure as an organ			the harvest of the previous crop. The sincluded. This activity starts after the anic fertiliser - if applied - is only.		e harvest of the previous crop. The input of seeds is included. c fertiliser - if applied - is only accounted for in terms of direct cesses are included in the animal production systems.		This activi Farm man field emiss
	and sh applie the far		The dataset includes all machine operations and g machine infrastructure and sheds. Machine operations are: soil cultivity and and transport of silage bales to the farm. Further, direct field emissions and transport of silage bales to to the farm. Further, direct field emissions and transport of silage bales to to the farm.		The dataset includes all machine operations and corresponding machine infrastructure and sheds. Machine operations are: soil cultivation, sowing, manuring - if manure is applied -, mowing, haying, swathing, baling, bale loading and transport of silage bales to the farm. Further, direct field emissions are included. This activity ends after the transport of the bales to the farm at the farm gate.		The datase and sheds applied -, r the farm. F of the bale	
4	Synonym Tags Energy Values Undefined							
			Undefined	ndefined Und		Undefined		
	Master Allocation Property < None >							
1	Allocation Comment				< None >			< None >
	Allocation Comments w Comments and Aut Add				< None >			< None >
	Allocation Comments ew Comments and Au Add	thors Response:		Comment	< None >	Date /	Activity Dataset	
ì	Allocation Comments w Comments and Aut Add			Comment	< None >	Date /	Activity Dataset	< None >
	Allocation Comments ew Comments and Au Add	thors Responses				10000	catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August-	
H	Allocation Composite we Comments and Aut Add	thors Responses	Item Occupation, annual crop	Check this value, this is for 76 days, it doesn't o	correspond for a period from		catch crop growing, ryegrass-	Assumpció
H	ew Comments and Aut Add % Remove Field Exchange, Amount Exchange, Amount Exchange, Amount	thors Responses / Exchange: C	Item Occupation, annual crop	Check this value, this is for 76 days, it doesn't days to October. This NH3 emission means a high value of c_se	correspond for a period from ason, is it OK?. You could tasets as an exchange property	04/03/2012	catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N, one cut. C, catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August-	Assumpció
h	ew Comments and Aut Add Remove Field Exchange, Amount Exchange, Amount Exchange, Amount Activity, General	thors Responses / Exchange: C	Item Occupation, annual crop	Check this value, this is for 76 days, it doesn't (August to October. This NH3 emission means a high value of c_se consider to add c_season considered for all days. Check this value, this is for 76 days, it doesn't (Check this value, this is for 76 days, it doesn't (Check this value, this is for 76 days, it doesn't (Check this value).	correspond for a period from ason, is it OK?. You could tasets as an exchange property	04/03/2012 04/03/2012	catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N. one cut. C. catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N, one cut, C. catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N, one cut G catch crop growing, phacelia, September-	Assumpció Assumpció
h	ew Comments and Aut Add % Remove Field Exchange, Amount Exchange, Amount Exchange, Amount	thors Responses / Exchange: C	Item Occupation, annual crop	Check this value, this is for 76 days, it doesn't a August to October. This NH3 emission means a high value of c_se consider to add c_season considered for all days. Check this value, this is for 76 days, it doesn't a August to October.	correspond for a period from ason, is it OK?. You could tasets as an exchange property	04/03/2012 04/03/2012 04/03/2012	catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N. one cut. C. catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N, one cut, C. catch crop growing, ryegrass- Egyptian&Persian clover-mixture, August- October, organic fertiliser 30 kg N, one cut. G.	



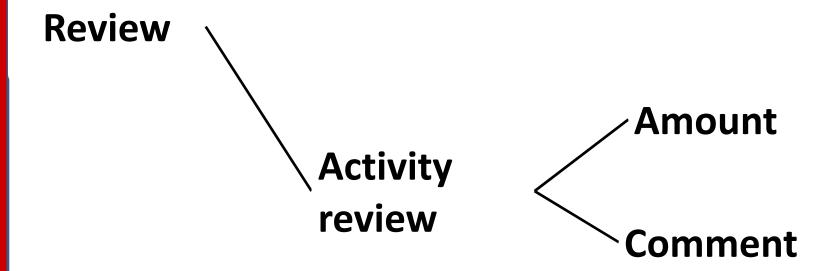




Activity Description

Geography, time

Activity	wheat pro	duction, FR 2004	wheat production, GLO 2006	wheat production, organic, CH 2003	whe
Activity Name	wheat productio	Π	wheat production	wheat production, organic	wheat
Гуре	UnitProcess			UnitProcess	UnitPr
Special Type	OrdinaryTransfo	rmingActivity	functional Unit	OrdinaryTransformingActivity	Ordina
nheritance Depth	NotAChild			NotAChild	NotAC
General Comment	This dataset rep production of 1 k grain (fresh matt 6753 kg/ha at a r content at storag	g of wheat er). The yield is noisture	This dataset represents the production of 1 kg of wheat grain (fresh matter). The amounts of flows are weighted averages over all existing local crop production datasets	This dataset represents the cultivation of wheat on an area of 1 ha producing the co-products wheat ain and straw. The yield of wheat is 4069 kg/ha at a moisture co.	This d cultiva moistu
System boun	daries		available for this specific product. The weights are the	15%, the vield 3306 kg/ha at a Functional U	nit
ncluded Activities Start	of the previous	rts after the harvest The inputs of ertilisers are sest	This activity starts after the harvest of the previous crop. The inputs of seeds, mineral fertilisers, pesticid	of the previous crop. The input of seeds is considered. Farm manure	the pre
ncluded Activities End	operations and o machine infrastr Machine operati	ucture and sheds.	The dataset includes all machine operations and corresponding machine infrastructure and sheds. Machine operations are: soil cultivation operations fortilization in	The dataset includes all machine operations and corresponding machine infrastructure and sheds. Machine operations are: soil cultivation, equipped for the control of the	The da operat machi Machi
Synonym	TAILUTE AND AND	na varina and m	ALIMITATION SAME TO COMPANIE IN	Triticum aestivum L.	Triticu
Tags					
Energy Values	Undefined		Undefined	Undefined	Undefi
Master Allocation Property	< None >		< None >	< None >	< Non
Allocation Comment					
Dataset Icon Url					
Dataset Icon					
Classifications	to be set pro-				
System : Value	ISIC rev.4 ecoin 0111:Growing o	vent: f cereals (except r	ISIC rev.4 ecoinvent: 0111:Growing of cereals (except r	ISIC rev.4 ecoinvent: 0111:Growing of cereals (except rice), leguminou	ISIC re
Geography	mboot pro				
Shortname	FR		GLO	CH	GLO
Comment	Refers to an ave	erage production in is (FR).	Refers to an average production in the USA, France, Germany and S	Refers to an average production in the Swiss Iowlands.	Refers the Sv





From Technosphere





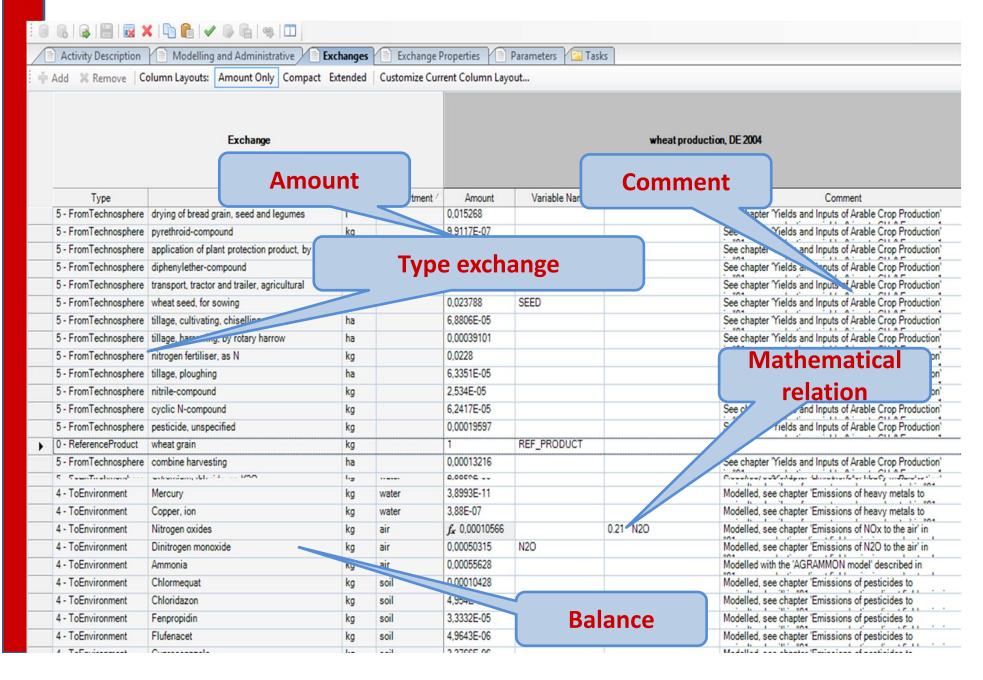
To environment



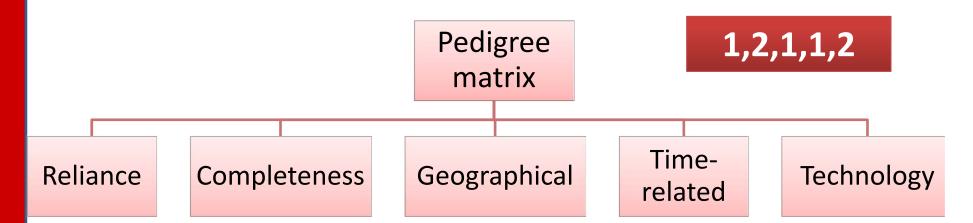
To Technosphere







Quality?



Indicator	1	2	3	4	5 (default)
score					
Reliability	Verified ⁵ data based on measurements ⁶	Verified data partly based on assumptions or non-verified data based on measurements	Non-verified data part- ly based on qualified estimates	Qualified estimate (e.g. by industrial ex- pert)	Non-qualified estimat
Completeness	Representative data from all sites relevant for the market consid- ered, over an ade- quate period to even out normal fluctuations	Representative data from >50% of the sites relevant for the market considered, over an adequate period to even out normal fluc- tuations	Representative data from only some sites (<<50%) relevant for the market considered or >50% of sites but from shorter periods	Representative data from only one site relevant for the market considered <i>or</i> some sites but from shorter periods	Representativeness unknown or data from a small number of sites <i>and</i> from shorte periods
Temporal cor- relation	Less than 3 years of difference to the time period of the dataset	Less than 6 years of difference to the time period of the dataset	Less than 10 years of difference to the time period of the dataset	Less than 15 years of difference to the time period of the dataset	Age of data unknowr or more than 15 year of difference to the time period of the da- taset
Geographical correlation	Data from area under study	Average data from larger area in which the area under study is included	Data from area with similar production conditions	Data from area with slightly similar production conditions	Data from unknown of distinctly different are (North America in- stead of Middle East, OECD-Europe insteat of Russia)
Further tech- nological cor- relation	Data from enterprises, processes and materi- als under study	Data from processes and materials under study (i.e. identical technology) but from different enterprises	Data from processes and materials under study but from differ- ent technology	Data on related pro- cesses or materials	Data on related processes on laboratory scale <i>or</i> from differer technology

Quality?

Global dataset

Site-dependent emissions

Pesticides not allowed

Quality: double counting in Completeness,

Geography, Technology

Conclusions

- Why? To give confidence in the dataset
- How? Ecoeditor is a friendly tool
- What? Importance of documentation
- Quality? Agreement





Thank you for your attention Comments?

assumpcio.anton@irta.cat