

Appendix II : Detail of ID-RECCO tables

(August 2018 updated appendix of Simonet and Seyller (2015), 'ID-RECCO, A NEW COLLABORATIVE WORK TOOL TO IMPROVE KNOWLEDGE ON REDD+ PROJECTS: sources, methodology and data').

This Appendix provides, for each variable of the database, the concept name used in the database, the definition of this concept, as well as the list, interval of values and/or unit when appropriate. A question is provided for each variable, to better understand the variable and provide the correct information. Comment and source fields are provided at the end of each table.

Table 1: Details of the content of the Table “Project developer”

Concept	Definition and source	List, interval of values and unit
project_proponent_shortcode	Accronym or short name.	
What is the complete name of the project proponent?		
project_proponent_name	Complete name.	
What is the complete name of the project proponent?		
website	Link to project proponent website.	
If the project proponent has a website, please precise the link to access it.		
nationality	Nationally of the project proponent	List of all countries worldwide
Where is located the Seat of the project proponent?		
status	Legal status.	private for-profit; NGO/private non for profit; public; research institute; other; ND
What is the legal status of the project proponent?		
id_project_proponent	Unique and automatically generated.	

Note that an intermediary table called “**link_project_proponent**” was created to allow linking each project to one or more project proponents, and vice versa. This is a two-column table: one column with a drop-down list of the previously registered project' names, and another column with a drop-down list of registered project proponents.

Table 2: Details of the content of the Table “Contact” (not displayed on ID-RECCO website for privacy reasons)

For each project proponent, we try to find as many contacts as possible. The priority is to find an email address, in order to contact them in further surveys. Sometimes, there is only a generic contact email. In this case, we do not specify the other variables.

Concept
contact_name
gender
Position (for example : director, technical manager, etc.)
email
phone
fax
address
id_project_proponent

Table 3: Details of the content of the Table “Project general”

Concept	Definition and source	List, interval of values and unit
project_name	Name of the project.	
What is the name of the project (as found in the certification report, if existing)?		
secondary_name	Other name of the project, when existing.	
If you find the project under other names, please specify them.		
last_update	Date of the last update of this form.	.././....
When were the last changes about his project made?		
to_be_continued	Tick the box if the work on this factsheet needs to be continued.	List : yes ; no
Do we need to come back on this project to add information?		
area	Total area of the project.	in ha. 9999 when no data.
What is the total area of the project?		
crediting_area	Area eligible for carbon certification.	in ha. 9999 when no data.
When the project is certified, what is the crediting area specified in the certification report?		
starting_year	Year of official start of the project.	9999 when no data.
When did the project officially start?		
ending_year	Projected closure of the project.	9999 when no data.
When is the project supposed to end?		
duration	Projected duration of the project.	in years 9999 when no data.
How long will the project last?		
project_description	Short summary of the project.	

Provide a short description of the project, using summaries found in the certification report or other.		
is_project_pilote	Is the project integrated in the national REDD+ strategy?	List : yes ; no ; ND
Some projects are officially designated as « pilot project », meaning that they are integrated in the national REDD+ strategy. When it is the case, this feature is generally highlighted by the project proponent.		
project_objective1	What is the main objective of the project?	Climate; Social Development; Biodiversity Conservation; Timber production, Return on investment, Non timber production; ND
Based on project description, what does the project proponent focus on? To help answering this question, project descriptions often contain a sentence like “the main objective...” or a list of objectives. Always complete variable 30 to justify your choice. Possibility to choose two answers if it is really complex to say which one is the main objective.		
project_objective2	What is the second main objective of the project?	Climate; Social Development; Biodiversity Conservation; Timber production, Return on investment, Non timber production; ND
Based on project description, what is presented as the second main objective of the project?		
project_objective3	What is the third objective of the project?	Climate; Social Development; Biodiversity Conservation; Timber production, Return on investment, Non timber production; ND
Based on project description, what is presented as the third main objective of the project?		
main_objective_argumentation	Explanation about the selection of the objectives.	
Justify the choice of main objective (variable project_objective1).		
deforestation_driver	Main deforestation drivers on the project area.	local livelihoods; industrial agriculture or cattle ranching; slash and burn agriculture; mining; illegal logging; industrial wood exploitation; energy wood; charcoal

		production; fire; infrastructure; oil extraction; ND
What are the main deforestation drivers in the project area? These are generally in project documents.		
forest_type	Rough classification of forests.	Dry; Humid ;Dry and humid; Wetland;other; ND
In which type of forest is the project located?		
project_type	Scope of activities in the project. A combination of activities is possible.	REDD; ARR; IFM; other
What are the activities of the project? REDD=Reduction of Emissions from Deforestation and forest Degradation, ARR=Afforestation, Reforestation and Regeneration; IFM=Improved Forest Management. Readiness projects (capacity building, without carbon aspects) are not included in the database. Several activities can be selected.		
precision_ar_type	When the project type is ARR, what kind of ARR project is it?	Plantation; Agroforestry; Ecosystem restoration ; ND
In the case ARR is one of the activities of the project, give precisions about this activity. When ARR is not one of the activities, let it blank.		
dominant_type	Dominant type in terms of area.	AR,REDD,IFM; ND
If there is only one activity, this will be the dominant type. When a project is a mix a different activities, specify the dominant type. Generally, we find the following hierarchy: REDD>>ARR>>IFM but there could be exceptions.		
protected_area	Is the project located partly or completely on a protected area?	yes/no; ND
Is some or all the project located on a protected area?		
pa_name	Name of the protected area(s)	Text field. Separate the names using “;” 9999 when no data.
What is(are) the name(s) of the protected area(s) on which all or part of the project is located?		
pa_size	Cumulated size of protected area within the project	In ha 9999 when no data.
What is the cumulated size of protected area in this project?		

pa_proportion	Proportion of protected area in the project	% 9999 when no data.
What is the share of protected area compared to the total area of the project?		
pa_category	Category of protected area according to IUCN classification, using http://www.wdpa.org/	1a,1b,2,3,4,5,6 9999 when no data.
What is the category of the main protected area of the project, according to IUCN classification?		
location_details	Details about the location of the project.	9999 when no data.
In which region of the country is the project located?		
id_project	id were manually incremented with the following rules: 100-299=Latin America ; 300-499=Africa ; 500-699=Asia	
id_country	Country hosting the project.	list of all countries of the Table "countries"
Information_type	Type of information used to fill the form	List: "Based on publicly available information"; "Checked by project proponent"; "Checked on the field"
What type of information has been used to fill the information relative to this project?		
Nb_participants	Targeted number of participants in the project	
How many participants does the project expect to include ?		
Region	Region where the project takes place	South America;Africa;Asia;Oceania
In which region of the world does the project take place ?		
information_type	Information used to fill form	"Based on publicly available information";"Checked by project proponent";"Checked on the field"
What kind of information has been used to fill this form ?		

Carbon_general_ND	Variable aimed at filtering the database when working on a specific issue, to remove projects with bad quality data.	ND; few or bad quality data; good data
What is the level of filling of the 'carbon general' table? "ND" when no variable is filled, "few data" when 1 to 3 variables are filled, "good quality" when more than 3 variables are filled		
carbon_credit_ND	Variable aimed at filtering the database when working on a specific issue, to remove projects with bad quality data.	ND; few or bad quality data; good data
What is the level of filling of the 'carbon credits' table? "ND" when no variable is filled, "few data" when you have information about one transaction only and with few details; "good quality" when you have more than one transaction OR one transaction with details (name, quantity bought, date, etc.)		
Financing_ND	Variable aimed at filtering the database when working on a specific issue, to remove projects with bad quality data.	ND; few or bad quality data; good data
What is the level of filling of this table? "ND" when no variable is filled; "few data" when you have information about one source of financing only and with few details (generally only the type); "good quality" when you have more sources of financing OR one source with the details (name, quantity, period, etc.)		
Communities_ND	Variable aimed at filtering the database when working on a specific issue, to remove projects with bad quality data.	ND; few or bad quality data; good data
What is the level of filling of this table? "ND" when no variable is filled or if the only variable filled is "yes but no data" regarding employments; "few data" if you have only one economic activity or development activity selected without many details; select "good data" if you have a payment selected, and/or more than one economic activity or development activity selected.		

Table 4: Details of the content of the Table “Carbon General”

Concept	Definition and source	List, interval of values and unit
crediting_period	Period of time used to apply the carbon methodology.	Defined by a starting and an ending years, defined in the certification report. 9999 when no data.
What is the crediting period chosen by the project proponent?		
annual_carbon_credits	Quantity of carbon credits that the project proponent expect to issue annually or, when no certification, quantity of projected emission reductions.	in tCO2 9999 when no data.
How many carbon credits will the project issue annually? Or if it is not in a process of certification, what is the quantity of emission reductions scheduled?		
total_carbon_credits	Global projected carbon credits generation.	in tCO2 9999 when no data.
How many carbon credits will the project issue in total? Or if it is not in a process of certification, what is the total quantity of emission reductions scheduled?		
Standard 1 (same 2, 3)	Standards certifying REDD+ projects.	VCS ; CCB ; ACR ; CCX ; CAR ; Social Carbon ; Plan vivo ; Brazil Mata Viva ; ISO-14064 ; CCX ; CDM ; Gold Standard ; Natural Forest Standard ; Internal ; None
What are the carbon and/or co-benefit standards under which the project is certified ?		
is_certified 1 (same 2, 3)	Degree of progress in the certification process for standard 1 (or 2 or 3).	Not certified; Intended; In process; Certified; Expired; Suspended; Withdrawn.
Is this project certified, being certified, or not in a process of certification for standard 1 (or 2, or 3)?		
carbon_validation_date 1 (same 2, 3)	Date of publication of the validation report from the carbon standard 1 (2,3).	

When the project is certified, what is the date of publication of the validation report (available on the standard's website) by standard 1 (2,3)?		
standard_report 1 (2,3)	Project Design Document for standard 1 (2, 3) or Validation report when already published.	Hyperlink to download the report.
Provide the project description report or validation report associated to the standard 1 (2, 3).		
carbon_methodology	Methodology for the carbon standard (if any).	VCS VM0003; VCS VM0004; VCS VM0006; VCS VM0007; VCS VM0009; VCS VM0010; VCS VM0011; VCS VM0012; VCS VM0015; VCS VM0017; AR-AM0001; AR-AMS0001; AR-ACM0001; AR-ACM0002; AR-AM0003; AR-AM0004; AR-AMS0004; AR-AM0005; AR-AMS0005; AR-AMS0006; AR-AM0010; AR-AMS0003; BMV RCDE001
What was the methodology chosen for the carbon certification? (indicated at the beginning of the certification report)		
baseline_type	Type of baseline used to calculate emission reductions.	P1 Planned Commercial Deforestation; P2 Planned Non-Commercial Deforestation; Avoided Unplanned Deforestation and Degradation; Other
What is the type of baseline used to calculate the emission reductions generated by the project?		
Date_expired_1(2,3)	Date the standard 1 (2,3) was expired, suspended or withdrawn (depending on the option chosen in "is_certified_1"(2,3)	
When did standard 1 (2,3) certification expired, was suspended or withdrawn?		

Table 5: Details of the content of the Table “Carbon credits”

Note that in this table, there will be one line per transaction. One transaction is defined by a buyer, a quantity of carbon credits sold on a defined period of time.

Concept	Definition and source	List, interval of values and unit
issuance_period	Period of contractualisation with this buyer.	Defined by a starting and an ending years. 9999-9999 when no data.
What is the period of contractualisation of the carbon credits for this transaction?		
sold_quantity	Quantity of carbon credits sold during this transaction.	in tCO2 9999 when no data.
How many carbon credits (or CO2 equivalent) were bought ?		
buyer_name	Name of the buyer of the carbon credits	
What is the name of the entity or person who bought the carbon credits?		
buyer_status	Legal status of the buyer.	Public; Private; Public and private
What is the legal status of the buyer?		
buyer_sector	Sector of the buyer.	Energy; Industry; Agriculture; Finance; Leisure and entertainment; Agrifood; Carbon; Services; Forest conservation; Other
To which sector belongs the buyer?		
buyer_nationality	Nationality of the buyer.	List of all countries worldwide
In which country is the buyer based?		
buyer_motivation	Motivation of the buyer.	Compliance-precompliance; Sponsorship; Corporate Social Responsibility (CSR); Resale-investment; Other; ND
What is the main motivation of the buyer?		
market	Market where the transaction occurs.	Voluntary; Compliance
In which market were the credits sold? (mainly voluntary)		

credit_price	Purchase price of the credits.	In dollars
At what price were the credits sold?		
id_carbon_credit		Automatically generated.
Transaction_done	To distinguish between announced/planned transactions and those officially published in carbon registries.	Confirmed ; not confirmed
Was the transaction published in one of the carbon registries (Markit, APX, CDM) or confirmed through another reliable source ?		

Table 6: Details of the content of the Table “Financing”

Note that in this table, there will be one line per financing source.

Concept	Definition and source	List, interval of values and unit
organization_name	Name of the source of funding	9999 when no data.
What is the name of the organization providing this source of financing? Write 9999 when no details		
funding_type	Type of funding.	Sale of carbon credits (future, prepayment, carbon funds); "Equity (own proponent capital)"; "National aid/grant"; "International aid/grant"; "Sale of agricultural, timber or non-timber forest products"; Donation (from individual, NGO, firm, foundation); "Private loan"; "Public source loan"; "ND"; "Other"
What kind of funding is it? Choose ND if you do not know.		
funding_amount	Total amount of this funding.	in dollars
What was the total amount of this funding ?		
funding_period	Period of time in which this funding occurs.	Defined by a starting and an ending years. If it is a one-time funding, write for example 2008-2008. 9999 when no data.
id_financing		Automatically generated.

Table 7: Details of the content of the Table “Communities aspects”

Concept	Definition and source	List, interval of values and unit
inhabitants_area	Number of people/villages/communities in the project area that could be affected by the activities.	Text field so the unit can be specified : people, villages, communities, etc. 9999 when no data.
Do we have an idea of the number of persons living in the area (who could possibly be affected by the project, but we do not ask for proofs) expressed in the unit provided.		
Nb_participants	Targeted number of participants	
How many participants does the project target?		
Participation_approach		Yes: no; ND
Was a participation approach adopted by the proponent?		
participation_type	What is the level of participation in this project?	List of choice, several choices possible: informed;consulted (generally Public Rural Appraisal);involved in decision-making; involved in management;ND
What is the level of participation in this project?		
FPIC	Does the project document mention Free Prior and Informed Consent (FPIC)?	yes/no; ND
Does the project document mention Free Prior and Informed Consent (FPIC)?		
payment_list	List of payments to populations	non-conditional cash payment; guaranteed purchase system;conditional cash payment; no payment
What kinds of payments were made to populations? If there a payment, it can be linked to a particular practice (for example conserving forest, planting trees, or doing agroforestry) or direct payment (in this case payments look like social aid)		
payment_details	Details about this payment.	
Provide more details about these payments (amount, type of conditionality, etc.)		

economic_activities_list	List of alternative activities that might enhance the local economic development.	Agriculture (activities linked to agricultural changes); Agroforestry; Microenterprise; Sustainable mining activities; Ecotourism; Economic interest groups; Sport hunt; Processing and commercialization; Micro-credits
<p>What kind of economic activities does the project develop?</p> <p>Note that you can add new variables to this list.</p>		
economic_activities_details	Details about economic activities and jobs.	
Provide more details economic activities and employment.		
employment	Jobs created through project activities	no data;"yes but no data";"0-20";"20-50";"50-100";"more than 100"
How many job were created by this project?		
long_term_employment	Are some of these jobs long term employment?	yes/no
Are some of these jobs long term employment?		
investment_indirect_list	List of development activities (not linked to economic activities)	Water; Health; Education; Roads/building; Supplies
Did the project develop activities not linked to economic activities, and more considered as development activities?		
investment_indirect_details	Details about these activities.	
Provide details when possible		
id_payment		Automatically generated.

ELEMENT TO BE ADDED IN A FUTURE UPDATE		
Tenure_yn	Component of tenure clarification	Yes, no, ND
Is there a component of tenure clarification included in the project ?		
Technical_describe	Describe component of technical assistance	
If yes, describe.		
Technical_yn	Component of technical assistance	Yes, no, ND
Is there a component of Technical assistance and/or inputs to support different productive activities included in the project ?		
Technical_describe	Describe component technical assistance	
If yes, describe.		
Restriction_yn	Component restriction access/monitoring	Yes, no, ND
Is there a component of restrictions on access to forest, control/monitoring of deforestation included in the project?		
restriction_describe	Describe component restriction access/monitoring	
If yes, describe.		
Enhancement_yn	component forest enhancement	Yes, no, ND
Is there a component of forest enhancement in the project ?		
enhancement_describe	Describe component forest enhancement	
If yes, describe.		
Infrastructure_yn	Component of community infrastructure improvement	Yes, no, ND

Is there a component of community infrastructure improvement (road, construction of school) included in the project ?		
infrastructure_describe	Describe component of community infrastructure improvement	
If yes, describe.		
Wellbeing_yn	Component well-being	Yes, no, ND
Is there a component of well-being improvement (non-environmental education, health, water filters/chlorine) included in the project?		
Wellbeing_describe	Describe component well-being	
If yes, describe		
Conditional_payment_yn	Component conditional payments	Yes, no, ND
Is there a component of conditional cash payments included in the project ?		
Conditional_payment_describe	Describe component conditional payment	
If yes, describe		
Nonconditional_payment_yn	Component non-conditional payments	Yes, no, ND
Is there a component of non-conditional cash payments included in the project ?		
Nonconditional_payment_describe	Describe component non-conditional payments	
If yes, describe		
Conditional_start	Start date conditional payments	
When did or will the conditional payments start?		
Conditional_conditions	Conditions to receive payments	
What are the conditions to receive the payments ?		
Conditional_verification	Way of verifying conditions	

How is the fulfillment of these conditions verified?		
Conditional_target	Targeted number of recipients	
What is the targeted number of recipients (mention if households, people, communities or other) ?		
non_cash_benefits_yn	Component non cash benefits	Yes, no, ND
Is there a component of non cash benefits (including technical assistance and inputs) included in the project ?		
non_cash_benefits_yn	Describe non cash benefits	
If yes, describe		

Table 8: Details of the content of the Table “Country”

Concept	Definition and source	List, interval of values and unit
country_name	Name of the country	
ldh_2011 (or 2015)	Human Development Index. Value in 2011 and 2015 found on http://hdr.undp.org/en/data#	[0;1]
Gdp_2012 (or 2016)	Gross Domestic Product. Value in 2012 and 2016 found on The World Bank: WDI => GDP (constant 2010 US\$)	in billion USD.
gdp_hab_2012 (or 2016)	GDP per capita Value in 2012 and 2016 found on The World Bank: WDI => GDP per capita (constant 2010 US\$)	in USD.
Inhabitants_2012 (or 2016)	Number of inhabitants in 2012 and 2016. The World Bank: WDI => population, total	in million.
government_effectiveness_2011 (or 2016)	Government Effectiveness: Reflects perceptions of the quality of public services, the quality of the civil service and the degree of its independence from political pressures, the quality of policy formulation and implementation, and the credibility of the government's commitment to such policies. Value in 2011 and 2016 found on http://databank.worldbank.org/data/views/variable-selection/selectvariables.aspx?source=worldwide-governance-indicators	[-2,5 ; 2,5]
corruption_control_2011 (or 2016)	Control of Corruption: Reflects perceptions of the extent to which public power is exercised for private gain, including both petty and grand forms of corruption, as well as "capture" of the state by elites and private interests.	

	Value in 2011 and 2016 found on http://databank.worldbank.org/data/views/variable-selection/selectvariables.aspx?source=worldwide-governance-indicators	[-2,5 ; 2,5]
redd	Participation in the main REDD+ funds in 2018. http://www.un-redd.org/partner-countries https://www.forestcarbonpartnership.org/redd-countries-1	UNREDD; Forest Carbon Partnership Facility (FCPF); FCPF candidate; Congo Basin Forest Fund; Amazon Fund; Other; No.
forest_area_2010 (or 2015)	National forest cover in 2010 and 2015. FAOSTAT (Emissions - Land Use => Forest Land => Area) + Global Forest Resources Assesment 2015 Table 2 (South Sudan, Sudan)	in 1000ha
deforestation_rate_2010 (or 2015)	Calculated with the forest cover of FAOSTAT + FRA 2015 Table 2 (South Sudan, Sudan) => the result is the net deforestation	%
deforestation_level_2010 (or 2015)	Calculated with the the forest cover of FAOSTAT + FRA 2015 Table 2 (South Sudan, Sudan) => the result is the net deforestation. 2005-2010 period of 2010; 2010-2015 period for 2015.	1000 ha / year
deforestation_driver	Main deforestation drivers at national scale as identified in https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/65505/6316-drivers-deforestation-report.pdf	local livelihoods ; industrial agriculture / livestock; plantation; mining; slash and burn agriculture; artisanal wood exploitation; industrial wood exploitation; illegal logging; fire; energy wood; charcoal production; urban development / infrastructure.
rpp	Readiness Preparation Proposal. (for FCPF, click on each country)	Hyperlink to download the report.

rpp_date	Date of publication of the RPP.	
CO2_Emissions_2010 (or 2014)	The World Bank - WDI: Total greenhouse gas emissions (kt of CO2 equivalent)	in 1000tons of CO2 equivalent.
de_jure	Main de jure owner of land.	state; communities; private; not defined
de_facto	Main de facto owner of land.	state; communities; private; not defined
tenure_details	Details about tenure in this country.	List, interval of values and unit
Emissions_LUCF_2010 (or 2016)	CO2 emissions due to LUCF. WRI - CAIT http://cait.wri.org/historical/Country%20GHG%20Emissions?indicator[]=Land-Use%20Change%20and%20Forestry&year[]=2010&act[]=Andorra&sortDir=desc&chartType=geo	Mt CO2 (million tons of CO2)

Table 9: Details of the content of the Table “partners”

Concept	Definition and source	List, interval of values and unit
id_partner	Unique and automatically generated.	
name_partner	Complete name of the project’s partner.	
What is the complete name of the project partner?		
type_partner	Type of project partner	private for-profit; NGO/private non for profit; research institute; public; other; ND
What is the legal status of the project partner?		
role_partner	Role of the partner in the project	
What is the role of the partner in the project?		