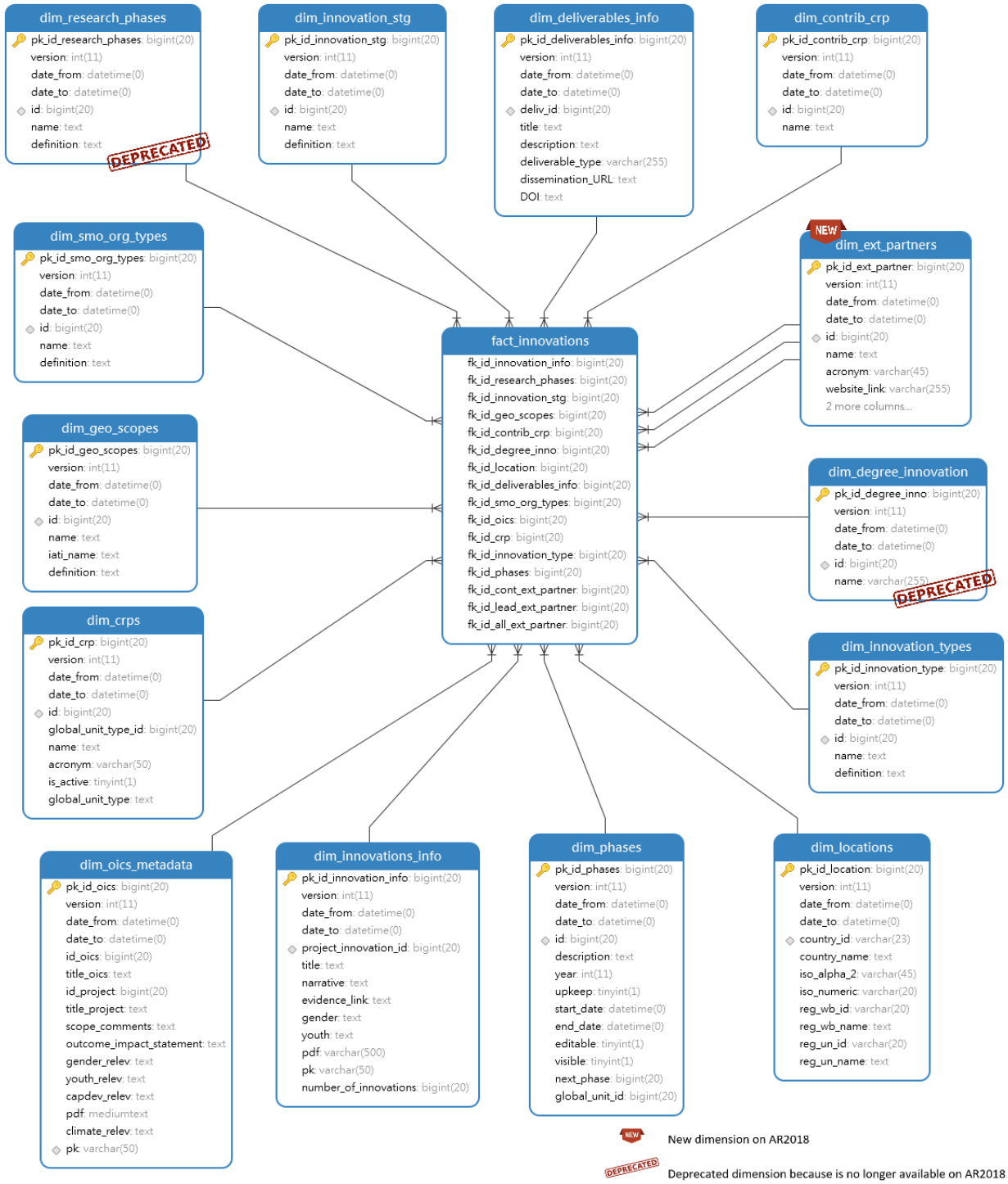
INNOVATION CUBE



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DIMENSIONS

Table	Description	Example data
dim_phases	Phases of the report. There are the existing phases (Annual Report, Planning) related to a year	Reporting 2016, Planning 2017, Reporting 2017
dim_geo_scopes	In this table we can find all Geographic Scopes	Global, Regional, Multi-national
dim_locations	List of countries and the UN regions, for those who have regional scopes	Germany, Colombia, Western Europe, South America, Global, etc.
dim_smo_org_types	This table shows all Organization Types defined by the SMO	CGIAR, Academic and Research, Development organizations, NARES/NARS
dim_crps	In this table we can find all the CGIAR Research Programs (CRP) and Platforms	CCAFS, PIM, WLE, RICE, Big-Data
dim_oics_metadata	This table shows all the information about the OICS (name, parent project, etc.)	Multi-sectoral policy platform used effectively to promote best practices and pilot programs around biodiversity in Kenya
dim_research_phases	This table represents the research phases of partnerships.	Phase 1: Research (Discovery/Proof of Concept), Phase 2: Piloting, Phase 3/4: Scaling up and scaling out
dim_innovations_info	This table is for the additional information about the innovation. In this table, you also can find the *number_of_innovations* field that contains the count/number of Innovations related.	narrative, description of stage, evidence link
dim_innovation_stg	This will show the stage in the research to uptake pathway that the innovation has completed at the point of reporting.	Stage 1, stage 2,stage 3
dim_deliverables_info	This table represent the additional information about the deliverable	CSA Compendium, Country Profiles
dim_contrib_crp	This table shows the level of contribution to the CRP	Sole Contribution, Lead Contribution, Partial Contribution

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dim_degree_innovation	This table shows a degree of 'completeness' and 'readiness' of the innovation to be taken up	Novel, Adaptive, certification, etc.
dim_innovation_types	This will indicate which category the innovation falls into	Genetic, Social Science, Biophysical Research

FACTS

Fact table	Description
fact_innovations	Main fact table of innovation cube. It is a factless fact table. The *fact_innovations* will have as much replications as a cross-join between all the dimensions.

RELATIONS

Table	Column	Referenced Table	Referenced column
fact_innovations	fk_id_innovation_info	dim_innovations_info	pk_id_innovation_info
fact_innovations	fk_id_research_phases	dim_research_phases	pk_id_research_phases
fact_innovations	fk_id_innovation_stg	dim_innovation_stg	pk_id_innovation_stg
fact_innovations	fk_id_geo_scopes	dim_geo_scopes	pk_id_geo_scopes
fact_innovations	fk_id_contrib_crp	dim_contrib_crp	pk_id_contrib_crp
fact_innovations	fk_id_degree_inno	dim_degree_inovation	pk_id_degree_inno
fact_innovations	fk_id_location	dim_locations	pk_id_location
fact_innovations	fk_id_deliverables_info	dim_deliverables_info	pk_id_deliverables_info
fact_innovations	fk_id_smo_org_types	dim_smo_org_types	pk_id_smo_org_types
fact_innovations	fk_id_oics	dim_oics_metadata	pk_id_oics
fact_innovations	fk_id_crp	dim_crps	pk_id_crp
fact_innovations	fk_id_innovation_type	dim_innovation_type	pk_id_innovation_type
fact_innovations	fk_id_phases	dim_phases	pk_id_phases
fact_innovations	fk_id_cont_ext_partner	dim_ext_partners	fk_id_ext_partner
fact_innovations	fk_id_lead_ext_partner	dim_ext_partners	fk_id_ext_partner