

TenzaOne Whitepaper

Part 5: Data Schema

Preliminary Data Schema



Preliminary Data Schema

Tenza Project Definition and On-Going Data Constructs

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Introduction

Preliminary data schema overview, presented as a table, as required to suit both Project, Credit & SDG Verification processes and DePIN integration to enable blockchain project and credit verifications. This framework is intended as a structured set of top-level placeholders to be augmented as required to deliver to both project needs and certification requirements for reporting (see Google Drive shared Folder at for Complete Verra Documentation for VCS and SDG Certifications: https://drive.google.com/drive/folders/16rfCVtljQw-MuOt0kxf_cNUstYtjE7kF?usp=drive_link)

Category	Element	Data Type and Size	Description	Data Storage and Relationships	Timing and Frequency	Area of Compliance
0. Project Group	0.1 Group ID	INT or UUID	Unique identifier for the project group	Primary key in ProjectGroups table	One-time creation	Project
	0.2 Group name	VARCHAR(255)	Official name of the project group	Text field in ProjectGroups table	One-time creation, rarely updated	Project
	0.3 Standard	INT (Foreign Key)	Carbon credit standard associated with the group (e.g., Verra, Gold Standard)	Foreign key to Standards table	One-time selection, may change if standard evolves	Project
	0.4 Group type	INT (Foreign Key)	Category of projects within the group	Foreign key to GroupTypes table	One-time selection, rarely changed	Project
	0.5 Group description	TEXT	Detailed explanation of the group's focus and criteria	Text field in ProjectGroups table	Initial creation, updated as needed (annually or when standards change)	Project



	0.6 SDG	JSON	List of SDGs aligned with	Many-to-many relationship	Initial setup,	SDGs
	alignment		the project group	table between	reviewed	
				ProjectGroups and SDGs	annually	
Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
		Size		Relationships	Frequency	Compliance
1. Project	1.1 Project ID	INT or UUID	Unique identifier for the	Primary key in Projects table;	One-time	Project
Definition			project	foreign key to ProjectGroups table	creation	
	1.2 Project	VARCHAR(255)	Official title of the carbon	Text field in Projects table	One-time	Project
	name		credit project		creation, rarely updated	
	1.3 Project type	INT (Foreign Key)	Category of project (e.g.,	Foreign key to ProjectTypes	One-time	Project
			renewable energy,	table	selection, rarely	
			reforestation)		changed	
	1.4 Location	POINT or	Geographical details	Composite field or separate	One-time entry,	Project
		separate	including country, region,	fields in Projects table;	updated if	
		LAT/LONG	and coordinates	potentially foreign key to	project expands	
		DECIMAL(10,8)		Locations table		
	1.5 Project	INT (Foreign Key)	Information about the	Foreign key to Developers	Initial entry,	Project
	developer		organization or individuals	table	updated if	
	details		implementing the project		developer	
					changes	
	1.6 Start date	DATE	Commencement date of the project	Date field in Projects table	One-time entry	Project
	1.7 Duration	INT	Expected timeline of the project in months	Integer field in Projects table	One-time entry, may be updated	Project
	1.8 Estimated	DECIMAL(12,2)	Projected amount of	Numeric field in Projects	Initial estimate,	Project
	emissions		carbon emissions to be	table	may be revised	
	reduction		reduced or sequestered		annually	
	1.9 SDG targets	JSON	Specific SDG targets	Many-to-many relationship	Initial setup,	SDGs
			addressed by the project	table between Projects and	reviewed	
				SDGTargets	annually	



	1.10 CCB		JSON	List of	Climate,	Many-to-many	/ relationshi	ip	Initial setup,		Project	
	Standards met			Comr	nunity & Biodiversity	table between	Projects ar	nd	updated as			
				Stand	ards met by the	CCBStandards	S		standards are			
				projec	t				met			
Category	Element		Data Ty	e and	Description	Data Storag	ge and	Timi	ng and	I A	rea	of
			Size			Relationships		Freq	luency	С	ompliance	
2. Baseline	2.1 Ba	seline	TEXT		Detailed	Text field in	Baseline	One	-time creation	, Pı	oject	
Measuremen	scenario				explanation of the	Measurements	table;	revie	ewed			
ricasarcinci	description				emissions	foreign key to	Projects	perio	odically (e.g.,	,		
					scenario without	table		ever	y 5 years)			
					the project							
	2.2 Ba	seline	INT (Forei	gn Key)	Method used to	Foreign ke	ey to	One	-time	Pi	roject	
	emissions				calculate	Methodologies	table	sele	ction, updated	I		
	calculation				baseline			if	methodology	<i>,</i>		
	methodolog	Sy			emissions			char	nges			
	2.3 Ba	seline	DECIMAL	(12,2)	Quantitative data	Numeric fie	elds in	Initia	al calculation	, Pi	roject	
	emissions d	lata			on emissions in	BaselineMeasu	ırements	may	be updated	I		
					the absence of	table		perio	odically (e.g.,	,		
					the project			ever	y 5 years)			
	2.4 SDG ba	seline	JSON		Baseline values	Separate SDG	Baselines	Initia	al setup	, SI	DGs	
	indicators				for relevant SDG	table with fore	ign key to	upda	ated			
					indicators	Projects table		perio	odically			

This section description is to be considered a placeholder location in the schema for all project-level Baseline data.



Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
		Size		Relationships	Frequency	Compliance
3. Project	3.1	JSON or separate	Detailed schedule	Separate Timeline table	Created at project	Project
Implementation	Implementation	table	of project	with foreign key to	start, updated	
Implementation	timeline		activities and	Projects table	regularly	
			milestones		(monthly/quarterly)	
	3.2 Key	VARCHAR(255)	Significant events	Milestones table with	Added as	Project
	milestones	per milestone	or achievements	foreign key to Projects	achieved, typically	
			in the project	table	several times	
			lifecycle		throughout project	
	3.3 Technology or	Many-to-many	Specific	Many-to-many	Initial entry,	Project
	methods used rela	relationship	technologies or	relationship table	updated if	
			methodologies	between Projects and	technology	
			employed in the	Technologies tables	changes	
			project			
	3.4 Stakeholders	Many-to-many	List of all parties	Many-to-many	Initial entry,	Project
	involved	relationship	involved in the	relationship table	updated as	
			project	between Projects and	stakeholders	
			implementation	Stakeholders tables	change	
	3.5 SDG	JSON	Specific activities	Separate SDGActivities	Updated regularly,	SDGs
	implementation		contributing to	table with foreign key to	typically quarterly	
	activities		SDG targets	Projects table		
	3.6 CCB	JSON	Measures taken to	Separate CCBMeasures	Updated regularly,	Project
	implementation		meet CCB	table with foreign key to	typically quarterly	
	measures		Standards	Projects table		



Category	Element	Data Type and Size	Description	Data Storage and Relationships	Timing and Frequency	Area of Compliance
4. Monitoring and Verification	4.1 Monitoring plan	TEXT	Detailed strategy for tracking project progress and emissions reduction	Text field in MonitoringPlans table; foreign key to Projects table	Created at project start, reviewed annually	Project
	4.2 Data collection methods	Many-to-many relationship	Techniques and tools used to gather project performance data	Many-to-many relationship table between MonitoringPlans and DataCollectionMethods tables	Defined at start, updated if methods change	Project
	4.3 Frequency of measurements	ENUM	How often data is collected and analyzed	Enumerated type in MonitoringPlans table	Defined at start, typically daily, weekly, or monthly	Project
	4.4 Verification body details	INT (Foreign Key)	Information about the third-party verifier	Foreign key to VerificationBodies table	Selected at project start, may change periodically	Project
	4.5 Verification dates and results	DATE and TEXT	Dates of verification activities and outcomes	Separate Verifications table with foreign key to Projects table	Typically annual or biennial, as per standard requirements	Project
	4.6 SDG monitoring indicators	JSON	Specific indicators used to track SDG progress	Separate SDGIndicators table with foreign key to Projects table	Updated regularly, typically quarterly	SDGs
	4.7 CCB monitoring protocol	TEXT	Protocol for monitoring CCB Standard compliance	Field in CCBMonitoring table; foreign key to Projects table	Created at project start, reviewed annually	Project



Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
		Size		Relationships	Frequency	Compliance
5. Carbon Credit Issuance	5.1 Number of credits issued	INT	Quantity of carbon credits generated by the project	Numeric field in CreditIssuances table	Typically annual, following verification	Credits
	5.2 Issuance date	DATE	Date when credits are officially recognized	Date field in CreditIssuances table	Typically annual, following verification	Credits
	5.3 Standard used	INT (Foreign Key)	Carbon credit standard followed (e.g., Verra, Gold Standard)	Foreign key to Standards table (should match group's standard)	Consistent throughout project, unless standard changes	Credits
	5.4 Credit serial numbers	VARCHAR(50) per credit	Unique identifiers for each credit issued	Separate Credits table with foreign key to CreditIssuances table	Generated with each issuance, typically annually	Credits
	5.5 Vintage year	INT	Year in which the emission reduction occurred	Integer field in CreditIssuances table	Annual	Credits
	5.6 SDG contribution per credit	JSON	Quantified contribution to SDG targets per credit	Field in Credits table	Calculated with each credit issuance	SDGs, Credits
	5.7 CCB certification status	ENUM	Status of CCB certification for the credits	Field in CreditIssuances table	Updated with each issuance	Credits



6.1 Current status 6.2 Retirement	ENUM TEXT	Whether credits are active, retired, or transferred	Relationships Enumerated type in Credits table	Updated in real- time as status changes	Compliance Credits
	TEXT			J	
details		Information about credit retirement, if applicable	Separate Retirements table with foreign key to Credits table	Recorded as retirements occur	Credits
6.3 Transfer history	JSON or separate table	Record of ownership changes for the credits	Separate Transfers table with foreign key to Credits table	Updated in real- time as transfers occur	Credits
6.4 SDG impact tracking	JSON	Ongoing tracking of SDG impacts linked to specific credits	Field in Credits table	Updated with each status change	SDGs, Credits
hi 6.	story 4 SDG impact	story table 4 SDG impact JSON	story table ownership changes for the credits 4 SDG impact JSON Ongoing tracking of SDG impacts linked to specific	story table ownership changes for the credits 4 SDG impact acking of SDG impacts linked to specific with foreign key to Credits table 5 Ongoing tracking of SDG impacts linked to specific	story table ownership changes for the credits 4 SDG impact acking of SDG impacts linked to specific with foreign key to Credits table occur Ongoing tracking of SDG impacts linked to specific



Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
		Size		Relationships	Frequency	Compliance
7. Blockchain Integration	7.1 NFT collection ID	VARCHAR(66)	Identifier for the project's NFT collection on the blockchain	Text field in BlockchainIntegrations table; foreign key to Projects table	Created once at project initiation on blockchain	Project
	7.2 Individual NFT IDs	VARCHAR(66) per NFT	Unique identifiers for each NFT representing data updates	Separate NFTs table with foreign key to BlockchainIntegrations table	Created with each data update, potentially daily/weekly	Project
	7.3 Smart contract address	VARCHAR(42)	Blockchain address of the project's smart contract	Text field in BlockchainIntegrations table	Created once at project initiation on blockchain	Project
	7.4 Blockchain network used	INT (Foreign Key)	Name of the blockchain network (e.g., Ethereum, Polkadot)	Foreign key to BlockchainNetworks table	Selected at project start, rarely changes	Project
7.5 Timestamp each NFT mint	7.5 Timestamp of each NFT mint	TIMESTAMP	Date and time when each NFT was created	Timestamp field in NFTs table	Recorded with each NFT creation	Project
	7.6 Hash of data stored in each NFT	VARCHAR(66)	Cryptographic hash of the data contained in each NFT	Text field in NFTs table	Generated with each NFT creation	Project
	7.7 SDG data on- chain	JSON	On-chain representation of SDG-related data	Field in NFTs table	Updated with each relevant NFT creation	SDGs, Project
	7.8 CCB data on- chain	JSON	On-chain representation of CCB-related data	Field in NFTs table	Updated with each relevant NFT creation	Project

This section description is to be considered a placeholder location in the schema for all project- and credit-level Blockchain data.



Category	Element	Data Type and Size	Description	Data Storage and Relationships	Timing and Frequency	Area of Compliance
Performance	8.1 Actual emissions reduction achieved	DECIMAL(12,2)	Measured carbon emissions reduced or sequestered	Numeric field in PerformanceMetrics table; foreign key to Projects table	Typically calculated annually	Project
	8.2 Comparison to estimated reduction	DECIMAL(5,2)	Analysis of actual vs. projected emissions reduction	Calculated field based on estimated and actual reduction	Typically calculated annually	Project
	8.3 Co-benefits	Many-to-many relationship	Additional positive impacts (e.g., social, environmental)	Many-to-many relationship table between Projects and CoBenefits tables	Assessed annually or as per project requirements	Project
	8.4 SDG performance metrics	JSON	Quantified progress towards SDG targets	Separate SDGPerformance table with foreign key to Projects table	Updated annually	SDGs
	8.5 CCB performance assessment	TEXT	Evaluation of project performance against CCB Standards	Field in CCBPerformance table; foreign key to Projects table	Updated annually	Project



Element	Data Type and	Description	Data Storage and	Timing and	Area of
	Size		Relationships	Frequency	Compliance
9.1 Project costs	DECIMAL(12,2)	Total expenses associated with	Numeric field in FinancialData table;	Updated regularly, typically monthly	Project
		project implementation	foreign key to Projects table	or quarterly	
9.2 Carbon credit prices	DECIMAL(10,2)	Market value of credits generated by the project	Numeric field in FinancialData table	Updated regularly, potentially daily or weekly	Credits
9.3 Revenue generated	DECIMAL(12,2)	Income from the sale of carbon credits	Numeric field in FinancialData table	Updated as sales occur, summarized monthly/quarterly	Project
9.4 SDG-related investments	DECIMAL(12,2)	Funds specifically allocated to SDG-related activities	Field in SDGFinancials table; foreign key to Projects table	Updated quarterly	SDGs, Project
9.5 CCB compliance costs	DECIMAL(12,2)	Expenses related to meeting and maintaining CCB Standards	Field in CCBFinancials table; foreign key to Projects table	Updated annually	Project
	9.1 Project costs 9.2 Carbon credit prices 9.3 Revenue generated 9.4 SDG-related investments 9.5 CCB compliance	9.1 Project costs 9.2 Carbon credit prices 9.3 Revenue generated 9.4 SDG-related investments 9.5 CCB DECIMAL(12,2) DECIMAL(12,2)	9.1 Project costs DECIMAL(12,2) Total expenses associated with project implementation 9.2 Carbon credit prices DECIMAL(10,2) Market value of credits generated by the project 9.3 Revenue generated DECIMAL(12,2) Income from the sale of carbon credits 9.4 SDG-related investments DECIMAL(12,2) DECIMAL(12,2) Funds specifically allocated to SDG-related activities 9.5 CCB DECIMAL(12,2) Expenses related to meeting and maintaining CCB	9.1 Project costs DECIMAL(12,2) Total expenses associated with project implementation 9.2 Carbon credit prices DECIMAL(10,2) DECIMAL(10,2) Market value of credits generated by the project 9.3 Revenue generated generated DECIMAL(12,2) Income from the sale of carbon credits 9.4 SDG-related investments DECIMAL(12,2) Funds specifically allocated to SDG-related activities 9.5 CCB DECIMAL(12,2) Expenses related to meeting and costs DECIMAL(12,2) Expenses related to meeting and maintaining CCB Projects table Projects table Relationships Numeric field in FinancialData table; foreign key to Projects table Field in CCBFinancials table; foreign key to Projects table	9.1 Project costs DECIMAL(12,2) 9.2 Carbon credit prices 9.3 Revenue generated 9.4 SDG-related investments DECIMAL(12,2) DECIMAL(12,3) DECIMAL(12,4) DECIMAL(12,5) DECIMAL(12,6) DECIMAL(12,6) DECIMAL(12,7) DECIMAL(12,7) DECIMAL(12,8) DECIMAL(12,8) DECIMAL(12,9) DECIMAL(12,9) DECIMAL(12,1) DECIMAL(12,1) DECIMAL(12,1) DECIMAL(12,1) DECIMAL(12,2) DECIMAL(12,2) DECIMAL(12,2) DECIMAL(12,3) DECIMAL(12,4) DECIMAL(12,5) DECIMAL(12,6) DECIMAL(12,6) DECIMAL(12,7) DECIMAL(12,7) DECIMAL(12,8) DECIMAL(12,8) DECIMAL(12,8) DECIMAL(12,9) DECIMAL(12,9) DECIMAL(12,9) DECIMAL(12,1) DECIMAL(12,1)



Category	Element	Data Type and Size	Description	Data Storage and Relationships	Timing and Frequency	Area of Compliance
10. Compliance and Reporting	10.1 Regulatory requirements met	Many-to-many relationship	List of compliance standards achieved	Many-to-many relationship table between Projects and RegulatoryRequirements tables	Updated as requirements are met, reviewed annually	Project
	10.2 Reporting schedules	JSON or separate table	Timetable for submitting required reports	Separate ReportingSchedules table with foreign key to Projects table	Set at project start, typically involving annual or biannual reports	Project
	10.3 Audit results	TEXT	Outcomes of any audits conducted on the project	Separate Audits table with foreign key to Projects table	Recorded as audits occur, typically annually	Project
	10.4 SDG reporting	JSON	Structured reports on SDG progress and impacts	Separate SDGReports table with foreign key to Projects table	Generated annually or as required by standards	SDGs
	10.5 CCB verification reports	TEXT	Detailed reports from CCB Standard verifications	Separate CCBReports table with foreign key to Projects table	Generated with each CCB verification, typically every 5 years	Project



Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
		Size		Relationships	Frequency	Compliance
11. DePIN and Tenza Integration	11.1 DePIN data source ID	VARCHAR(50)	Unique identifier for each DePIN data source	Separate DePINSources table with foreign key to Projects table	Created when a new DePIN source is added to the project	Project
	11.2 DePIN data type	ENUM	Type of data provided by the DePIN source (e.g., temperature, humidity, energy output)	Field in DePINSources table	Defined when source is added, rarely changes	Project
	11.3 DePIN data frequency	ENUM	How often data is received from the DePIN source	Field in DePINSources table	Defined at setup, may be updated	Project
	11.4 DePIN data validation method	VARCHAR(255)	Method used to validate data from DePIN sources	Field in DePINSources table	Defined at setup, may be updated as validation methods evolve	Project
	11.5 Tenza platform integration ID	VARCHAR(50)	Unique identifier for the project's integration with Tenza platform	Field in Tenzalntegrations table; foreign key to Projects table	Created once at project initiation on Tenza platform	Project
	11.6 Tenza data mapping	JSON	Mapping of project data fields to Tenza platform fields	Field in TenzaIntegrations table	Initial setup, updated if data structure changes	Project
	11.7 Tenza update frequency	ENUM	How often project data is synced with Tenza platform	Field in TenzaIntegrations table	Defined at setup, may be adjusted	Project

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	11.8 Oracle	VARCHAR(255)	Name or identifier	Field in	Selected at project	Project
	service used		of the oracle	BlockchainIntegrations	start, may change if	
			service used for	table	oracle service	
			external data		changes	
			verification			
	11.9 Oracle data	JSON	List and	Field in	Initial setup,	Project
	points		description of	BlockchainIntegrations	updated as verified	
			data points	table	data points change	
			verified by the			
			oracle service			
	11.10 Smart	JSON	Conditions that	Field in	Defined at setup,	Project
	contract update		trigger updates to	BlockchainIntegrations	may be updated as	
	triggers		the project's	table	project evolves	
			smart contract			
	11.11 Off-chain	VARCHAR(255)	Method or service	Field in	Selected at project	Project
	data storage		used to store data	BlockchainIntegrations	start, may change if	
	method		off-chain (e.g.,	table	storage method	
			IPFS, Filecoin)		changes	
	11.12	VARCHAR(255)	Protocol used for	Field in	Selected if project	Project
	Interoperability		interoperability	BlockchainIntegrations	uses multiple	
	protocol		between different	table	chains, updated if	
			blockchains (if		protocol changes	
			applicable)			
	11.13	VARCHAR(50)	Identifier of the	Field in	Created if project	Project
	Governance		governance token	BlockchainIntegrations	uses a governance	
	token		used for project	table	model, rarely	
			decisions (if		changes	
			applicable)			
	11.14 Token	JSON	Description of the	Field in	Defined at project	Project
	economics		token economics	BlockchainIntegrations	start, may be	
	model		model for the	table	updated as model	
			project		evolves	
-		•			·	



11.15 Regulatory	JSON	List of regulatory	Many-to-many	Updated as new	Project
compliance		checks performed	relationship table	regulations emerge	
checks		for DePIN and	between Projects and	or compliance is	
		blockchain	RegulatoryChecks	verified	
		aspects	tables		
11.16 DePIN SDG	JSON	Specific SDG-	Field in DePINSources	Updated with each	SDGs
data collection		related data	table	data collection	
		collected through		cycle	
		DePIN sources			
11.17 Tenza SDG	JSON	Mapping of SDG	Field in	Initial setup,	SDGs
reporting		data to Tenza	TenzaIntegrations table	updated as	
integration		platform reporting		reporting	
		structure		requirements	
				change	
11.18	JSON	On-chain	Field in	Updated with each	SDGs
Blockchain-		verification	BlockchainIntegrations	verification cycle	
based SDG		mechanisms for	table		
verification		SDG-related			
		claims			
11.19 CCB data	JSON	Mapping of CCB-	Field in DePINSources	Initial setup,	Project
integration with		related data to	table	updated as CCB	
DePIN		DePIN sources		requirements	
				change	
11.20 Tenza CCB	JSON	Integration of CCB	Field in	Updated with each	Project
compliance		compliance data	TenzaIntegrations table	CCB assessment	
tracking		with Tenza	_	or verification	
		platform			

This section description is to be considered a placeholder location in the schema for all project-level DePIN reporting data



Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
12. Historical		Size	I lainus idantifias	Relationships	Frequency	Compliance
Data	12.1 Historical		Unique identifier for the historical	Primary key in		Project
	Record ID	INT or UUID	record	HistoricalRecords table	One-time creation	Management
		INT or UUID	Unique identifier	Foreign key to Projects		Project
	12.2 Project ID	(Foreign Key)	for the project	table	One-time creation	Management
					One-time entry,	
			Date of the	Date field in	updated if	
	12.3 Record Date	DATE	historical record	HistoricalRecords table	necessary	Reporting
	12.4 Emissions		Historical	Numeric field in	Periodic updates	Environmental
	Data	DECIMAL(12,2)	emissions data	HistoricalRecords table	(e.g., annually)	Compliance
					One-time selection,	
	12.5		Method used to		updated if	
	Methodology		collect historical	Foreign key to	methodology	Methodology
	Used	INT (Foreign Key)	data	Methodologies table	changes	Standards
				Separate		
	12.6 SDG		Historical values	SDGHistoricalIndicators	Initial entry,	
	Historical		for relevant SDG	table with foreign key to	updated	
	Indicators	JSON	indicators	Projects table	periodically	SDG Compliance
	12.7 Historical		Detailed			
	Context		explanation of the	Text field in	One-time creation,	
	Description	TEXT	historical context	HistoricalRecords table	updated as needed	Reporting
			Records of			
			compliance with			
			regulatory			
	12.8 Compliance		standards over	JSON field in	Initial entry,	Regulatory
	Records	JSON	time	HistoricalRecords table	updated as needed	Compliance



Category	Element	Data Type and	Description	Data Storage and	Timing and	Area of
		Size		Relationships	Frequency	Compliance
13. Preliminary			Unique identifier	Primary key in Surveys		
Survey Data	13.1 Survey ID	INT or UUID	for the survey	table	One-time creation	VCS, CCB
		INT or UUID	Unique identifier	Foreign key to Projects		
	13.2 Project ID	(Foreign Key)	for the project	table	One-time creation	VCS, CCB
			Date the survey		One-time entry, updated if	
	13.3 Survey Date	DATE	was conducted	Date field in Surveys table	necessary	VCS, CCB
			Information about	,	,	,
	13.4 Project		the project	JSON field in Surveys	One-time entry,	Project
	Definition	JSON	definition	table	updated as needed	Compliance
	13.5 Project		Information about	JSON field in Surveys	One-time entry,	Group
	Group	JSON	the project group	table	updated as needed	Compliance
	13.6 Customer		Information about	JSON field in Surveys	One-time entry,	Customer
	Information	JSON	the customer	table	updated as needed	Compliance
			Detailed			
	13.7 Site		information about	JSON field in Surveys	One-time entry,	
	Information	JSON	the site	table	updated as needed	Site Compliance
			Data about the			
			site including size,			
			topography, and	JSON field in Surveys	One-time entry,	Environmental
	13.8 Site Data	JSON	climate conditions	table	updated as needed	Compliance
	10.0		Details about the			
	13.9 Electrical	ICON	electrical	JSON field in Surveys	One-time entry,	Electrical
	Infrastructure	JSON	infrastructure	table	updated as needed	Compliance
	12.10 Determine		Information about	ICON field in Comme	One time	Cofota
	13.10 Potential	JSON	potential hazards at the site	JSON field in Surveys table	One-time entry,	Safety
	Hazards 13.11 Additional	JOUN			updated as needed	Compliance
	13.11 Additional Documents	JSON	Permits, blueprints, utility	JSON field in Surveys table	One-time entry, updated as needed	Documentation Compliance
	Documents	NOCI	pideprints, utility	เลมเย	Lupuateu as fieeded	Compliance



		bills, and			
13.12 Survey		photographs Detailed findings	JSON field in Surveys	One-time entry,	
Findings	JSON	from the survey	table	updated as needed	Reporting
		Historical data			-
13.13 Historical		collected during	JSON field in Surveys	One-time entry,	Historical
Data Collected	JSON	the survey	table	updated as needed	Compliance
		Baseline data			
13.14 Baseline		collected during	JSON field in Surveys	One-time entry,	Baseline
Data Collected	JSON	the survey	table	updated as needed	Compliance
			Separate		
		Survey values for	SDGSurveyIndicators	Initial entry,	
13.15 SDG Survey		relevant SDG	table with foreign key to	updated	
Indicators	JSON	indicators	Projects table	periodically	SDG Compliance
13.16 Survey		Detailed			
Context		explanation of the		One-time creation,	
Description	TEXT	survey context	Text field in Surveys table	updated as needed	Reporting
		Verification of			
		compliance with			
		regulatory			
13.17 Compliance		standards during	JSON field in Surveys	Initial entry,	Regulatory
Verification	JSON	the survey	table	updated as needed	Compliance



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