

**EVALUATION AND MONITORING INSTRUMENT
FOR STATE UNIVERSITIES AND COLLEGES
LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN**

The LUDIP shall be evaluated based on the parameters that have been identified pursuant to the requirements of RA 11396 and its IRR, and the Comprehensive Land Use Plan (CLUP). The evaluation will be conducted by the members of the CHEDRO Technical Working Group from the agencies identified in CHED Administrative Order 1, Series of 2022.

Draft LUDIP of RSU Main Campus

CONTENTS OF LUDIP	PARAMETERS AND DESCRIPTION		TECHNICAL NOTES	STATUS OF SUBMISSION <i>(As of December 2021)</i>			PROPOSED EVALUATOR FROM THE CHEDRO TWG FOR EACH PARAMETER/ CRITERIA
I. BRIEF PROFILE OF THE SUC (GENERAL INFORMATION)	<i>The brief profile of the SUC shall include the brief history, demographic profile and the geographic location of the SUC and its campuses.</i>			Note: Put a check mark [✓] corresponding to the status of submission based on the contents of LUDIP			
				Included	Not included	Remarks	
A. Brief History	1. Presence of a brief history of the SUC and its campuses	Check if the following are included in the brief history of the SUC and its campuses					CHED
		→ For each campus, Year established and Legal Basis		✓			
		→ List of Campuses and corresponding address and geographic tagging		✓			
		→ Mandates of the SUC and its campuses		✓			
		→ Vision/Mission/Goals/Objectives of the SUC		✓			



		→ List of Current Governing Board		✓			
		→ List of program offerings per campus with corresponding COPC Number & date of issuance		✓			
		→ Recognition and awards obtained from international/ national/regional or private organizations			✓		
		→ Alignment with the LGU's vision			✓		LGU, DHSUD
		→ Role of the SUC in local and regional development			✓		LGU, DHSUD
B. Demographic Profile				Included	Not included	Remarks	
	2. Presence of the SUC Demographic profile	Check if for each campus, the following are included in the profile; Also check if data is sex aggregated.					
		→ Number of administration, faculty, staff, and students enrolment (SUC population grouped separately)		✓		-Not biological sex aggregated	CHED
		→ SUC Population Projection for the next ten (10) years		✓		-Only 5 year projection	

C. Geographic Location (Add GIS Mapping – will also fall on Item 3)			TECHNICAL NOTES	Included	Not Included	Remarks	
	3. Presence of description of the geographic location of the SUC	Check if the description for each campus includes the following:					
		→ Brief profile of the province and municipality where the SUC campus/es is/are located with GIS maps		✓		-Location map	LGU
		→ Description and GIS maps covering the political boundaries of the LGUs where the SUC and its campus/es are located		✓		-Existing boundary map	
		→ Geographical description and cadastral survey of the site occupied by the SUCs (including campuses) a. Currently unutilized land/land for future development b. Campuses, Branches, Extension Sites titled under the name of the SUCs c. Other sites occupied by the SUCs and; d. Adjacent Communities e. Lands legally owned or should be legally controlled by SUC but are currently illegally occupied by third parties			✓	-Existing topography/elevation map	LMB-DENR

		→ Cadastral survey of the land occupied by the SUC with land disputes			✓		LMB-DENR
		→ Cadastral survey of land occupied by SUCs with detailed geographical descriptions for natural and man-made hazards for climate change issues			✓		LMB-DENR
		→ Presence of report on the biophysical conditions within the SUC territory including areas with geophysical constraints and areas requiring conservation			✓		Source: Relevant Gov't Agencies
		→ Inventory of Transfer of Certificate of Titles (TCTs) and other instruments of title or basis of legal possession of SUC over the land			✓		LGU, DHSUD
	4. Presence of description of the zoning projections and process flow of how they are approved and revised	Check if the description of the zoning projections and process flow of how they are approved and revised are included			✓		LGU, DHSUD
	5. Presence of tenurial conditions with physical and locational characteristics, including land area, and boundaries; maps	Check if the tenurial conditions with physical and locational characteristics, land area, boundaries, complete with corresponding GIS maps are included			✓		LMB-DENR

CONTENTS OF LUDIP	PARAMETERS/CRITERIA AND DESCRIPTION		TECHNICAL NOTES	STATUS OF SUBMISSION			PROPOSED EVALUATOR/FR OM THE CHEDRO TWG FOR EACH PARAMETER/ CRITERIA
II. DETAILED DESCRIPTION OF THE SUC	<p><i>The detailed description of the SUC shall include the physical features and environmental condition, existing land use and land use trends and infrastructure facilities. It shall also include discussion on the development constraint.</i></p> <p><i>Submission should include GIS maps and tables, matrix, bar or chart. Refer to the Official Reference Map from NAMRIA, PRS.</i></p> <p><i>Refer to the ecological profile of the LGU, the list of Protected Areas (DENR Biodiversity Management Bureau, DA, DAR.</i></p>			<p><i>Note: Put a check mark [✓] corresponding to the status of submission based on the contents of LUDIP</i></p>			
A. Physical Features and Environmental Condition	6. Detailed description of the land cover, topography of the area where the SUC and its campus/es are located; profile of watershed/ sub-watershed coverage and locations, if any, under which the SUC is part of	Check if the following are included in the description		Included	Not included	Remarks	LMB-DENR, LGU
		→ land cover, topography of the area where the SUC and its campus/es are located → declaration that the SUC is within protected areas if applicable		✓		-Existing topography/ elevation map	
		→ location and profile of all water resources including watershed/sub-watershed/river basin, and protected areas if		✓		-Existing water supply map	

		any, under which the SUC is part of			✓		
	7. Presentation of all relevant thematic maps on the area occupied/owned by the SUC and its campuses	Check if all the relevant thematic maps on the area occupied/owned by the SUC and its campuses covers the following:		Included	Not Included	Remarks	DHSUD, UPRI, LGU
		→ Thematic maps general land use of the SUC: academic, physical plant, drainage, sewerage, parking, ICT network, access and mobility located within the SUCs		✓		-Existing landuse with facility map -Existing drainage map	
		→ Thematic maps on climate risks/disaster risks, GIS hazard maps for landslides, earthquake, floods, volcanic eruptions, underground caves and karst, erosion, etc.		✓		-Land slide hazard map -Fault hazard map -Flood hazard map	

		→ Thematic maps on risks and vulnerabilities in the municipality where the SUC is located		✓		(Refer to the CCA/DRR of LGU or exposure analysis as reference) -Risk profile table	
		→ Inventory of all licenses or permits of the SUC over the water, forest and other natural resources within the area (ex. NWRB permit)			✓		DHSUD, UPRI, LGU
B. Existing Land Use and Land Use Trends All facilities with geotag/maps/photos	8. Detailed description of the academic core, research core, residential areas covering both housing for faculty and staff, dormitories for students, and the Major trends/shifts in land tenure (i.e. CADC/ CADT issuance)/ conversion arrangements (i.e. establishments of special economic zones/ industrial areas)	Check if existing land uses are described and presented with corresponding GIS maps, for the following are included:		Included	Not Included	Remarks	CHED
		→ Academic core	✓			-Existing landuse with facility map	
		→ Research core	✓			-Existing landuse with facility map	
		→ Residential areas covering both housing	✓			-Existing landuse with facility map	

		for faculty and staff, dormitories for students					LMB-DENR, LGU
		→ Current and potential income generating projects and facilities		✓		-Existing landuse with facility map	
		→ Inventory and revenue of IGPs and corresponding management mechanisms (PPP arrangements, lease, etc)			✓		
		→ Economic constraints and potentials/ opportunities			✓		
		→ Projection of future revenue from existing and potential IGP			✓		
		→ Constrained Areas / Areas of Dispute			✓		
				Included	Not included	Remarks	
	9.1 Detailed geographical description and survey of the site intended for dormitories for students, including the architectural design and estimated cost of construction	Check if the detailed geographical description and survey of the site intended for dormitories for students, including the architectural design and estimated cost of construction are included			✓		PIEP, DENR, NEDA, DBM
	9.2 Detailed geographical description and survey of the site intended for housing sites for employees of the SUCs, including the	Check the detailed geographical description and survey of the site intended for housing sites for employees of the			✓	-Existing water supply map	

	architectural design and estimated cost of construction	SUCs, including the architectural design and estimated cost of construction					
	10. Detailed geographical description and survey of the land occupied by SUCs:	Check if the following are included in the detailed geographical description and survey of the land occupied by SUCs		Included	Not included	Remarks	PIEP, LMB-DENR, NEDA, DBM, DHSUD
		→ Detailed geographical description and survey of currently unutilized land/land for future development			✓		
		→ Detailed geographical description and survey of campus/es, branches or extension sites titled under the name of the SUC			✓		
		→ Detailed geographical description and survey of other sites occupied by the SUCs and adjacent communities			✓		
				Included	Not Included	Remarks	
	11. Detailed geographical description with maps of land occupied by SUCs used for the following:	Check description and maps of lands occupied by SUCs that are used for the following:					
		→ commercial			✓		
		→ agricultural			✓		



		→ fishery			✓		PIEP, DENR, NEDA, DBM, DHSUD
		→ forestry			✓		
		→ other activities, including open and recreational spaces, landscape features and campus -transportation system, among others			✓		
		→ Check if there are major trends/shifts in land tenure (i.e. CADC/ CADT issuance)/ conversion arrangements (i.e. establishments of special economic zones/ industrial areas)			✓		

C. Infrastructure and facilities	12. Inventory all existing buildings, facilities and other infrastructure	Check the following		Included	Not Included	Remarks	CHED, LGU, DPWH
		→ Inventory of all existing buildings, facilities and other infrastructure within the compound or areas occupied by the SUC, including its status → analysis on consumption demand and supply of all utilities for the last 5 years		✓	✓	-Building Inventory table	

		→ Inventory of built – up area for academic and allied services, and their carrying capacity → Current status: occupancy vs existing capacity by facility, site or zone		✓	✓	-Building Inventory table	
		→ Inventory of built – up area for technical infrastructure and utilities <ul style="list-style-type: none"> • Water supply • wastewater management 			✓		
		→ Inventory of other real estate assets for instruction, research, student services, administrative/general services, extension and allied services, income generating projects, and facilities for power including transmission lines and stations, water catchments, communication Network, wastewater management, including its status, and analysis on consumption demand and supply of all utilities			✓		
				Included	Not Included	Remarks	DPWH
	13. Inclusion of Infrastructure and road network maps; including drainage, parking areas	Check if included or not included submission					

		→ Maps showing drainage		✓		-Existing drainage map	
		→ Maps showing parking areas		✓		-Existing land use with facility map	
		→ Others					
D. Development Constraints		Check if the following are included:		Included	Not included	Remarks	PIEP, DHSUD
	14. Issues, gaps, challenges and opportunities seen from the existing baseline levels and projection/ estimates of the SUC and how it intends to address these	Issues, gaps, challenges and opportunities seen from the existing baseline levels and projection/ estimates of the SUC and how it intends to address these, such as but not limited to Land titling issues and boundary disputes			✓		
	15. Land use-related impacts of major climate related or geophysical disaster events or occurrence during the current LUDIP/land use plan implementation period	Land use-related impacts of major climate related or geophysical disaster events or occurrence during the current LUDIP/land use plan implementation period		✓		-Suitability profile table	

III. SUC LAND USE DEVELOPMENT AND INFRASTRUCTURE PLAN	PARAMETERS/CRITERIA AND DESCRIPTION		TECHNICAL NOTES	STATUS OF SUBMISSION			EVALUATOR FROM THE CHEDRO TWG
	The SUC Land Use Development and Infrastructure Plan is composed of the Campus Land Use Plan, Campus Master Development Plan and Investment Programs, and the Site Development Plan.			Note: Put a check mark [✓] corresponding to the appropriate description of the contents of the SUC LUDIP			
	16. Inclusion of the following in the SUC LUDIP	Check the following:		Included	Not Included	Remarks	CHED, DHSUD
		→ Vision, Mission, Goals and Objectives of the SUC and its departments			✓		
		→ Development Constraints			✓		
		→ Physical Development Strategies		✓		-Suitability profile table	
		→ Development Concept and Structure Plan (texts and maps)			✓		
		→ Alignment of the LUDIP with the land use plan and zoning ordinance of the LGU			✓		CHED, DHSUD, LGU
	17. Inclusion of the following plans:			Included	Not included	Remarks	
	a. Campus Land Use Plan:	Check the CAMPUS LAND USE PLAN narratives and maps for the following:					

		→ Forecasted allocations of land for the campus' academic requirements		✓		-Proposed Land use and facility map	DHSUD, DBM, NEDA, CHED
		→ Campus demand for infrastructure and services such as housing for its constituents (students, faculty and staff), as well as economic and social facilities in support of its academic activities.			✓	See comments by UPSURP, DHSUD Include Feeder HS	
		→ Planning and design considerations			✓		DHSUD, DPWH
		→ Land use budget (land demand and land supply)			✓		
		→ Land use strategy and space allocation			✓		
		→ Circulation network and traffic management scheme			✓		
		→ Open and green space network			✓		
		→ Land use policies			✓		
	b. Campus Master Development Plan and Investment Programs (review/evaluate/update every 3 to 6 years)	Check the CAMPUS MASTER DEVELOPMENT PLAN AND INVESTMENT PROGRAMS narratives and maps (where	TECHNICAL NOTES	Complied	Not Complied	Remarks	

		necessary) for the following					CHED, NEDA, DBM, DPWH, DHSUD
		→ institutional goals			✓		
		→ objectives			✓		
		→ strategies			✓		
		→ future programs, projects and activities			✓		
			TECHNICAL NOTES	Included	Not Included	Remarks	
	Includes a definition of the development phasing incorporating the estimation of the development costs in the form of an Investment Plan and comprised of the framework plans	Check if the following framework plans are included:					
		→ social development (academic core and allied services)			✓		
		→ economic development			✓		
		→ roads and transportation development (access services and mobility);			✓		

		check with Road Network Development Plan					
		→ infrastructure and utilities development			✓	ICD Plans	
		→ environmental management			✓		
		Institutional development plan			✓		CHED, NEDA, DBM, DPWH, DHSUD
		→ Investment plan (partnerships agreements)			✓		NEDA, DBM
	Investment programs that defines the development cost to support the implementation of the LUDIP	Check the investment programs which include following:			✓		
		▪ an Indicative Financing Plan presenting the total development cost and specifying the cost breakdown of each component project			✓		

		<ul style="list-style-type: none"> Design and estimated cost of construction, operation, maintenance of other infrastructure needs of the SUCs include the financial plan, which shall include the conduct and submission of feasibility studies, sources of funds, income, loans, public-private partnerships, and other financial schemes or arrangements 			✓		
				Included	Not included	Remarks	
	c. Site Development Plan	Check the Site Development plan which should include the following:					DHSUD, LGU, DPWH
		→ general layout and configuration of a site including existing and proposed structures		✓		-Proposed perspective layouts per proposed land use	
		→ parking and street layout,		✓		-Proposed Land use and facility map	
		→ conceptual landscaping and lighting			✓		



		→ site cross section drawings, and building elevations,			✓		DHSUD, LGU, DPWH
		→ space programming based on the envisioned direction of development			✓		
		→ Others					
	18. Inclusion of: major development programs and projects, spatial locations and expansion areas, campus planning framework, principles and processes	Check the following		Included	Not included	Remarks	
		→ major development programs and projects			✓		
		→ spatial locations and expansion areas			✓		
		→ campus planning framework, principles and processes			✓		
		→ Others					
	19. Design of building, gymnasium, hostels, libraries, research centers and other built structures in the campus/es	Check if existing		✓		-Proposed perspective layouts per proposed land use	

				Included	Not included	Remarks	LMB-DENR, DPWH, DHSUD
20. Detailed geographical description and survey of the site intended for dormitories for students	Check the geographical description and survey of the site intended for dormitories for students including the following:						
	• architectural design		✓			-Proposed perspective layouts per proposed land use	
	• estimated cost of construction			✓			
				Included	Not Complied	Remarks	LMB-DENR, DPWH, DHSUD
Detailed geographical description and survey of the site intended for housing sites for employees of the SUCs	Check the geographical description and survey of the site intended for housing sites for employees of the SUCs including the following:						
	• architectural design		✓			-Proposed perspective layouts per proposed land use	
	• estimated cost of construction			✓			
				Included	Not Included	Remarks	DPWH
21. Design and estimated cost of construction, operation, maintenance and other	Check the design and estimated cost of construction, operation,			✓			

	infrastructure needs of the SUC	maintenance and other infrastructure needs of the SUC					
	22. Alignment of the LUDIP with the vision/mission of the SUC	Check the alignment of the LUDIP with the vision/mission of the SUC			✓		DHSUD, CHED, LGU
	23. Suitability of the proposed development with the projected population of the students, faculty and staff	Check the suitability of the proposed development with the projected population of the students, faculty and staff Check student dormitories' occupancy & projected needs			✓		
	24. Alignment of the campus land use plan viz-a-viz the Comprehensive Land Use Plan and practice of the LGU where the SUC is located	Check the alignment of the campus land use plan viz-a-viz the Comprehensive Land Use Plan and host LGUs PPDPs			✓		
	25. Alignment of the campus land use plan with the LGU's Climate Change Adaptation/Disaster Risk Reduction Management plan	Check the alignment of the campus land use plan with the LGU's Climate Change Adaptation/ Disaster Risk Reduction Management Plan a. Check integration / mainstreaming of climate change and disaster risk reduction and management in			✓		

		<p>the LUDIP by determining if the following elements are present:</p> <p>b. Hazard profiling (e.g. flood, storm surge, landslide, severe wind, ground shaking, liquefaction, ground rupture, tsunami and volcanic hazards, among others) including analysis of climate and hazard data and information (e.g. projections, maps, tables, and discussion) from official sources;</p> <p>c. Identification of decision and/or priority areas in need of intervention based on its risks;</p> <p>d. Identification of climate adaptation/risk mitigation strategies and measures of policies, programs, projects, and strategies i.e., structural designs;</p>			<p>✓</p> <p>✓</p> <p>✓</p>		DHSUD, CHED, LGU
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IV. INSTITUTIONAL COORDINATION AND MONITORING SET-UP	PARAMETERS/CRITERIA AND DESCRIPTION		TECHNICAL NOTES	STATUS OF SUBMISSION <i>Note: Put a check mark [✓] corresponding to the appropriate description of the contents of the SUC LUDIP</i>			EVALUATOR FROM THE CHEDRO TWG
				Included	Not included	Remarks	
	26. Identification and description of the institutional coordination and monitoring set-up for the implementation of LUDIP/land use plan	Check if the institutional coordination and monitoring set-up for the implementation of LUDIP/land use plan are identified and described			✓		DPWH
	27. Number of Infrastructure following the LUDIP/land use plan (photos)	Check if the number of infrastructure on LUDIP/land use plan is followed			✓		
	28. Identification of non-compliance to campus land use policies (photos)	Check if non-compliance to campus land use policies identified			✓		CHED, DHSUD
	29. Presence of guidelines for assessing when the revision of the LUDIP is necessary	Check if guidelines for assessing revision of the LUDIP is necessary			✓		