

Component	Sub-component
1. Teaching and learning Excellence	Establish Life Sciences / CREATES-experiential based curricula
	Improve the CREATES- Teaching and learning approach
	Co-create CREATES teaching and learning environment
	Enroll and support Masters and PhD candidates

	Develop and run new short courses to; students, faculty/ staff/ farmers, processors, industries, practitioners, and stakeholders
2. Research Excellence	Strengthen the R4D framework and support research in CREATES-Pillars
	Improve the CREATES research approach
3. Quality Assurance	Developing quality assurance Framework
	Support ISO 9000 and ISO 17025 Acquisition

4. Equity dimension	Reflect equity within CREATES- faculty, students and management
5. Attracting Regional Academic Staff and Students	Attracting Regional Academic Staff and Students
6. Engaging National and	Becoming a knowledge

Regional Academic Partners	translation and exchange hub
7. Attracting National and Regional Sector Partners	Extending CREATES' multi-level and inter-sectorial activities
	Sub total
8. International academic collaboration	Attracting International academic collaboration

9. Center Management and Governance	Improve programme implementation
	Staff and stabilize key leadership positions in each of the core units
	Purchasing and Maintenance of the office equipment and facilities to enhance Centre Performance
	Conducting and Participation in Centre Governing Board, National Steering committee and Regional Technical Advisory meetings
	Sub total

<p>10. Sustainable Financing</p>	<p>To socialite fund to ensure Centre Financial sustainability</p>
<p>11. Monitoring and Evaluation</p>	<p>Strengthen of monitoring and evaluation unit</p>
	<p>Document and sharing of Centre achievements to stakeholders</p>

EASTERN AND SOUTHERN AFRICA CENTERS OF E

Name of the ACE: :Center for Research Excellence, A

Action Plan	Objective
Organize and Support stakeholders consultation and validation meetings for	To incorporate comments from TCU for approval
Facilitate course/programs development workshops	To develop courses for the new international Programs
Paying approval or accreditation cost to TCU for national accreditation of international	To cover the cost for curricular approval by TCU
Support initial process for international accreditation of two international programs	NM-AIST Programmes to be internationally accredited
Facilitate short course delivery on pedagogy that will be offered in collaboration with	To build the capacity and skills of the faculty members in delivering
Support hosting or sending PhD and Faculty staff from/or to other institutions for research	To enhance staff mobility and sharing of the human resources to
Support practical learning / internships of students to industries, farms, private companies, NGOs and other institutions	To give students more practical experience to students
Support recruitment and retaining of two/three post docs in teaching and supervising the	To produce more project proposals to generate funds and student
Facilitate operationalize e-learning and virtual access to international resources (Including; trainings on how to run the courses &	To facilitate teaching and learning through e-learning and virtual access to international resources
Facilitate the process of enrollment of Masters and PhD students in CREATES Programs	To train more students at the level of masters and PhD in the field of Life
Off-set tuition fees, stipends and research funds for students	To enable students to accomplish their studeis

Support students with concrete research findings, products, innovations to attend short courses/conferences, national and regional	To show-case students innovations and products that will attract partners to scale-up and commercialization
Preparing training materials/modules for shortcourses	To support cost for preparation of training materials relevant to the
Conducting training workshops to; students, farmers, processors, industries, practitioners, and stakeholders	Improving the knowledge and skills of different stakeholders from the regional
Sub-Total	
Support establishment of Research data Hub/Centre in collaboration with SAGCOT &	To establish a data centre for agriculture that will be used by
Establishment of the Demonstration plots and improving the greenhouses and botanical	To establish demo-plots where students can do their practical
Support establishment of the incubation Centre for start-ups & spin-outs	To enable students with their ideas and start-ups to develop them into
Support joint researches with CREATES partners on topics related to the pillars	To support research that will creates or provide solutions to the pressing
Facilitating participation of CREATES in knowledge exchange events and conferences	To show case CREATES capacity, dissemination of knowledge/skills to
Dissemination and publication of innovations, research findings of students and researchers using different media(Newsletters, press conference, TVs, Magazine and radios)	To support sharing of the research finding and innovations
Sub-Total	
Develop e-feedback and quality assurance system to ensure quality teaching and learning	To establish a effective electronic system that will ensure feedback
Participate in the Partnership of Applied Sciences, Engineering and Technology (PASET) benchmarking exercise.	To support benchmarking of the MSc and PhD programs with other institutions
Support initial preparations for acquisition of ISO 9000 and ISO 17025 Certificates	To improve quality management system and laboratory competence in testing

Sub-Total	
Develop an Equity Strategy to guide CREATES activities implementation	Develop a strategy that will guide CREATES in its implementation
Participate in ongoing AWARD activities (mentorship courses, best performance	Attracting more regional female students to be enrolled in the
Sensitizing young girls and boys in secondary schools and colleges to participate in sciences, Engineering and Technology subjects	Attracting more regional female students to be enrolled in SET programs
Support women, special groups, youth and other small scale processors with knowledge and skills to improve their activities.	To empower women and marginalized groups with relevant knowledge and skills that will
Sub-Total	
Develop and disseminate visibility materials showing opportunities and programs offered by CREATES	Sharing information to different regional partners that will attract students and academic staff
Updating and maintaining Centre -website with opportunities and CREATES capacities for Attracting Regional Academic Staff and Students	To enable sharing of information to public and ensure transparency
To participate in Regional organized events and forums to showcase CREATES capacity and opportunities to faculty for attracting Regional Academic Staff and Students.	To show case CREATES capacity, dissemination of knowledge/skills to different stakeholders
Sub-Total	
Support joint teaching among the National and Regional academic partners	To involve regional partners in teaching
Facilitate co-supervision with regional partners	To involve regional partners in supervision

Facilitate Student's exchange between National and regional Partners	To enable students to share experience and knowledge
Sub-Total	
Collaborate with National and Regional Partners to promote technological transfer, product incubation, knowledge and skills dissemination, products and spin-offs across levels and sectors	To enhance technology and innovations transfer to industries, community and practitioners across the region
Participate in National and Regional sectors events/forums for showcasing CREATES capacity to attract Sector Partners	To show case CREATES capacity, dissemination of knowledge/skills to different Sector stakeholders
Holding partnership meetings with national and regional sector partners	To enable CREATES to plan and review implementation of partnership programs with Partners
Sub-Total	
Support development of joint projects with international partners	To develop and sustain research projects that will address challenges
Organize and conducting short courses to students with International Academic partners	To equip students with additional knowledge from international experts
Support joint teaching and co-supervision with International partners	To involve international partners in teaching and supervision
Holding partnership meetings with International academic partners	To enable CREATES to plan and review implementation of partnership
Sub-Total	

Support development of Centre- Five Year Strategic Plan	To support preparation Centre strategic plan
Off-set of Monthly Centre Management Team Salaries and incentives	To operationalize the center
Support short-term trainings to Centre Management Team to enhance their performance	To improve the performance
Support recruitment of new Centre staff (1 Driver)	To improve the performance
Procurement of office equipment, furnishing, office supplies repairing and maintenance	To operationalize the center
Covering cost for fuel expenses	To operationalize the center
Maintenance and repair of the Centre vehicle	To operationalize the center
Procurement of 5 laptops and 1 Desktop computer	To operationalize the center
Advertise products and services to be procured	To support advertise of the products and services to be procured by the
Facilitate Centre Leaders to attend Regional Technical Advisory meetings organized by	To ensure effective management of the Centre
Support conducting management and governing/advisory board meetings	To ensure effective management of the Centre
Support the Centre Leaders to attend National ACE Steering Committee meetings	Facilitate travels cost for regional ACE meetings
Sub-Total	
Facilitate development of winning grant proposals (grants writing support, seed money, identifying calls)	Enhance sustainable financing of the Centre

Conduct demand-driven short courses and international conferences on a cost-plus basis	To generate more funds from the participants in terms of participation fees
Provision of consultancy services to the industry and society	To provide consultancy service for generate funds for Centre sustainability
Sub-Total	
Develop a Monitoring and Evaluation System (shared across all key partners, including equity indicators)	Improved CREATES program performance and sustainability
Purchasing of Accounting Package i.e. Integrated Financial Management System	For financial control and report generation
Preparing audit reports (Finance & Procurement) and financial statements	To ensure effective management of the Centre
Preparation of Annual work plans, budget and procurement plans	To ensure proper planning of the Centre activities and effective management of the Centre
Conducting quarterly Centre Performance review and planning meeting/workshop	To review and plan for project activities
Preparing, documenting and sharing of Centre success stories and achievements	Sharing of Centre success stories and achievements
Sub-Total	
GRAND TOTAL	
% of Total Budget	

EXCELLENCE (ACE II)

Academic Teaching and Sustainability (CREATES)

Justification	Output	DLI #
TCU requirements	TCU approved curricula	2
It is necessary for developing courses related to needs and programs proposed	Courses developed	2
Requirement for curricular to be approved by TCU	TCU approved curricular	2
It is the procedure for the program to be internationally accredited and	Readiness review and evaluation produced and submitted	2
It will increase efficiency in teaching and learning	Number of faculty members with teaching skills will be increased	2
It is necessary for improving teaching and learning	Faculty members and PhD participated in exchange program	2
Students will gain more practical experience in solving real challenges facing the community	Students enrolled in MSc and PhD programmes participated in Internships	2
It is important for the financial sustainability, support teaching and	Two Post Docs recruited and retained	2
It will improve access of the learning resources to students and Lecturers	Functional E-learning system installed	2
Increasing the number of regional experts in the field of Life Science	students admitted for degree programme in CREATES	2
Its requirement for the students to study at NM-AIST	Fees and research funds paid	2

Commercialization of students research product and services to commercialization	Products and innovations commecialized or number of partners attracted for joint ventures	2
There are need for preparing proper training material relevant to	Trainings materials/manuals that will be prepared.	2
To facilitate delivery of the demand driven short-courses to different stakeholders	Participants who attended the short courses	2

Existence of the centralized data sources that researchers, managers,	Centre established	2
It is important for students to do their practical studies	Demonstration plots established	2
It is important for students to transform their ideas into products	Incubation centre established	2
More research work is needed to provide solutions to problems	Research conducted and findings or innovations disseminated	2
It will provide a platform to CREATES to show case it	National Events CREATES participated to show case its	2
More effort is required to disseminate the research findings and innovations to society, practitioners, policy makers and	Publications and Innovations disseminated to society, practitioners, policy makers and industries	2

It is need for improvement in teaching and learning	E-feedback system for quality assurance installed and functioning	2,3, & 5
For assurance of high quality programs	Number of programs participated in PASET Benchmarking	2
For ensuring Laboratory quality in sampling, testing or calibration n	Laboratory improvement towards ISO certification	2

To ensure equity issues are taken care in CREATES	Strategy developed	2
More female regional experts are needed	Number of Female participated in AWARD activities	2
More female regional experts are needed	Number of Female participated in SET programs	2
Still that is huge knowledge and skills gap among the women and marginalized group compared to	Number of women reached by CREATES and Partners	2
To facilitate regional mobility of students and staff	Number of visibility materials disseminated	2
Required for insurance transparency and sharing of the information to public	Information published/shared	3
It will provide a platform to CREATES to show case its capacity and capability to other stakeholders	Events CREATES participated to show case its capacity and capability	2
It is needed to strengthen regional collaboration	Students being taught by National and Regional faculty	2
It is needed to strengthen regional collaboration	Students being co-supervised leading to publications and theses	2

To support student exchange programme	Students participated in exchange programmes	2
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Technology and innovation transfer is a key element for addressing development challenges in the region	Number of technology, innovations, products or spin-offs produced are transferred	2
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It will provide a platform to CREATES to show case its capacity and capability to other stakeholders	Events CREATES participated to show case its capacity and capability	2
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Planning and review of partnership implementation progress and wayforwad	Partnership work plans and budget	2
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Collaborating with international partners in developing project		2
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Students need more trainings through different short courses from international academic		2
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It is needed to strengthen international collaboration	Students and Lecturers participated in teaching or co-	2
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Planning and review of partnership implementation progress	Partnership work plans and budget	2
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It will guide centre implementations	Strategic plan developed	2
It is needed for the proper functioning of the center	salary and incentives given to CREATES Admin-Team	2 & 3
It is needed to have maximum delivery	Staff participated in trainings	2 & 3
It is needed to have maximum delivery	Driver employed	2
It is needed to have maximum delivery	cost for office consumables, equipments and vehicle maintenance and repair	2
It is needed to have maximum delivery	Litres of fuel used	2
It is needed to have maximum delivery	Cost for vehicle repair	2
It is needed to have maximum delivery	Laptop and Desktop computers purchased	2
To secure the right and competent service providers	Adverts shared	4
It is needed for the proper functioning of the center	meetings held	2 , 3, & 4
It is needed for the proper functioning of the center	Management meetings held	2 , 3, & 4
For proper management of the ACEs	Travel cost and meeting attended	4
Submitted successful proposals and signed service provision contracts	Increased extra funding from proposals and consultancy services	2

It is essential for the center financial sustainability	Amount of funds generated	2
For Centre sustainability	Funds generated from consultancy works	4



Availability of CREATES indicator sheet and M&E framework	Project Performance System software developed	2
It is needed to have maximum delivery	Accounting Package purchased	2,3 &4
It is needed to have maximum delivery	Audit reports (Finance & Procurement) and financial	3& 4
It is needed for the proper functioning of the center	Budget, Plans developed and approved	2 & 3
To ensure effective management of the Centre	Planning documents prepared	2
Dessiminate achainvements to stakeholders	Documents prepared and shared	2



DLR #	Estimated Budget	ACE	Partiners
2.3	7,000	7,000	-
2.3	8,000	4,000	4,000
2.3	20,000	20,000	-
2.3	25,000	15,000	10,000
2.2	45,000	45,000	-
2.6	25,000	10,000	15,000
2.2	30,000	20,000	10,000
2.5	30,000	30,000	-
2.2	10,000	10,000	-
2.2	10,000	10,000	-
2.2	200,000	200,000	-

2.2	15,000	15,000	-
2.2	5,000	5,000	-
2.2	25,000	15,000	10,000
	455,000	406,000	49,000
2.4	150,000	150,000	-
2.2 & 2.5	40,000	35,000	5,000
2.2 & 2.5	50,000	30,000	20,000
2.4	45,000	30,000	15,000
2.2	30,000	30,000	-
2.5	25,000	18,000	7,000
	340,000	293,000	47,000
2,2.3,2.8,3.3,4.1 & 4	8,000	8,000	-
2.8	5,000	5,000	-
2.2	10,000	10,000	-

	23,000	23,000	-
2.2	8,000	8,000	-
2.2	12,000	12,000	-
2.2 & 2.4	10,000	10,000	-
2.2 & 2.5	20,000	20,000	-
	50,000	50,000	-
2.2	10,000	10,000	-
3.4	5,000	5,000	-
2.2 & 2.4	10,000	10,000	-
	25,000	25,000	-
2.2 & 2.4	30,000	10,000	20,000
2.2 & 2.5	15,000	10,000	5,000

2.2 & 2.6	20,000	15,000	5,000
	65,000	35,000	30,000
2.4	40,000	20,000	20,000
2.2 & 2.4	12,000	12,000	-
2.2 & 2.4	20,000	10,000	10,000
	72,000	42,000	30,000
2.2 & 2.4	30,000	15,000	15,000
2.2 & 2.4	38,000	24,000	14,000
2.2 & 2.6	30,000	10,000	20,000
2.4	25,000	15,000	10,000
	93,000	49,000	44,000

2.1	30,000	30,000	-
2.1 & 3.1	170,000	170,000	-
2.1 & 3.1	30,000	30,000	-
2.1	3,500	3,500	-
2.1	50,000	50,000	-
2.1	40,000	40,000	-
2.1	15,000	30,000	(15,000)
2.1	13,000	8,000	5,000
4.1 & 4.2	4,000	4,000	-
2.1,3.1, 3.3 3.3, 3.4, 4.1 &4.2	15,000	15,000	-
2.1,3.1, 3.3 3.3, 3.4, 4.1 &4.2	8,000	8,000	-
4.1 & 4.3	10,000	10,000	-
	388,500	398,500	(10,000)
2.7	20,000	20,000	-

2.7	15,000	10,000	5,000
4.2	5,000	-	5,000
	40,000	30,000	10,000
2.1	8,000	8,000	-
2.1,3.4 &4.1	10,000	10,000	-
3.3 &4.1	15,000	15,000	-
2.1 & 3.1	5,000	5,000	-
2.1	12,000	12,000	-
2.1	15,000	15,000	-
	65,000	65,000	-
	1,616,500	1,416,500	200,000
	100	88	12

Year 2019

Responsible Unit	Year 2019				
	January	February	March	April	May
CREATES Management, LiSBE Dean Office & Academic Office					
CREATES Management, LiSBE Dean Office & Academic Office					
CREATES Management, LiSBE Dean Office & Academic Office					
CREATES Management, LiSBE Dean Office & Academic Office					
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CREATES Management, LiSBE Dean Office & Academic Office					
CREATES Management, LiSBE Dean Office & Academic Office					
CREATES Management, LiSBE Dean Office & -Admission Office					
CREATES Management, LiSBE Dean Office & Finance Department					

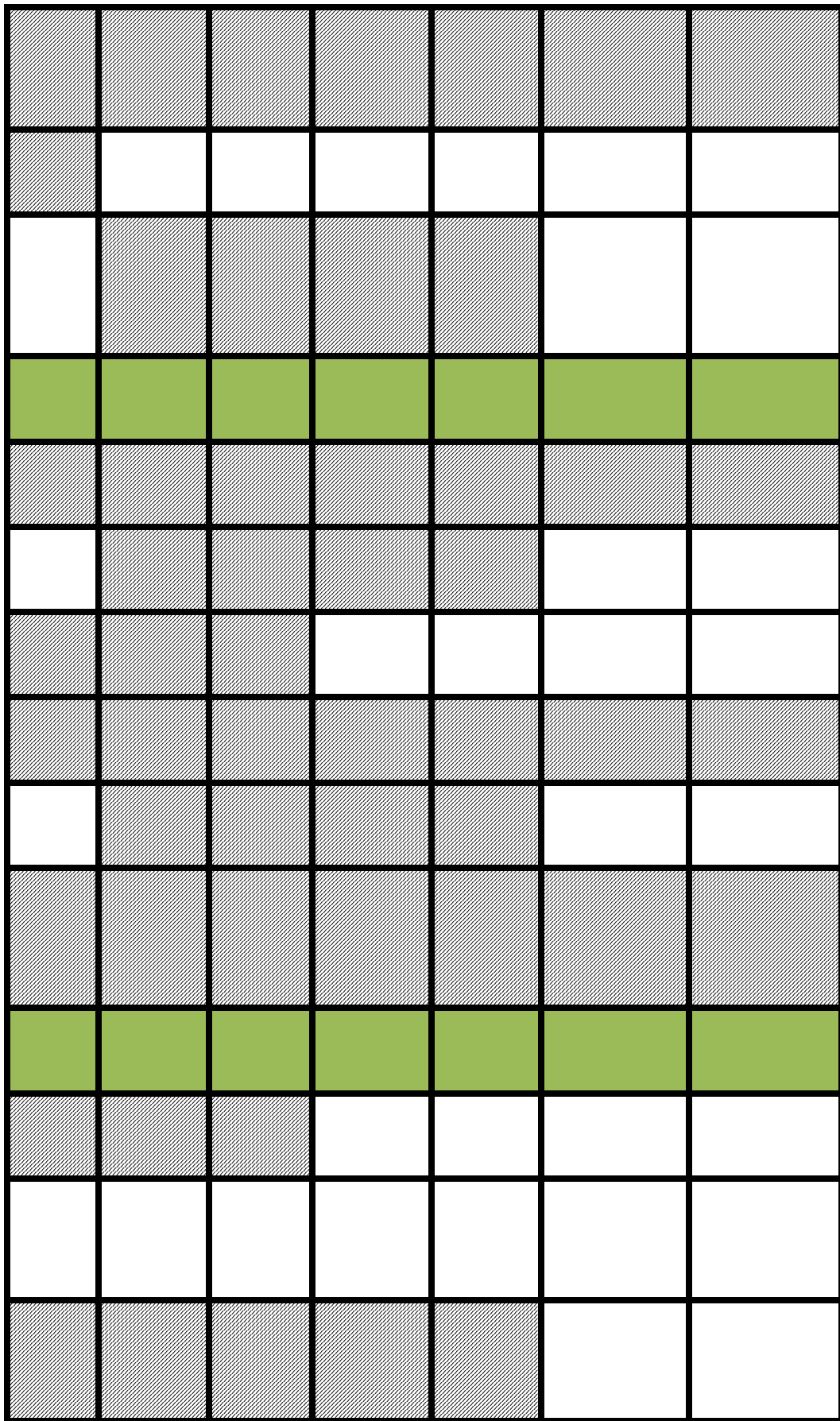
CREATES Management & LiSBE Dean Office					
CREATES Management &LiSBE Dean Office					
CREATES Management &LiSBE Dean Office					
CREATES Management, LiSBE Dean Office & Partners					
CREATES Management &LiSBE Dean Office					
CREATES Management &Research and innovation Office					
CREATES Management, LiSBE Dean Office & Partners					
CREATES Management &LiSBE Dean Office					
CREATES Management &LiSBE Dean Office					
CREATES-Management & NM-AIST QA Unit					
CREATES-Management , NM-AIST QA Unit & Academic Office					
CREATES-Management & LiSBE Dean Office					

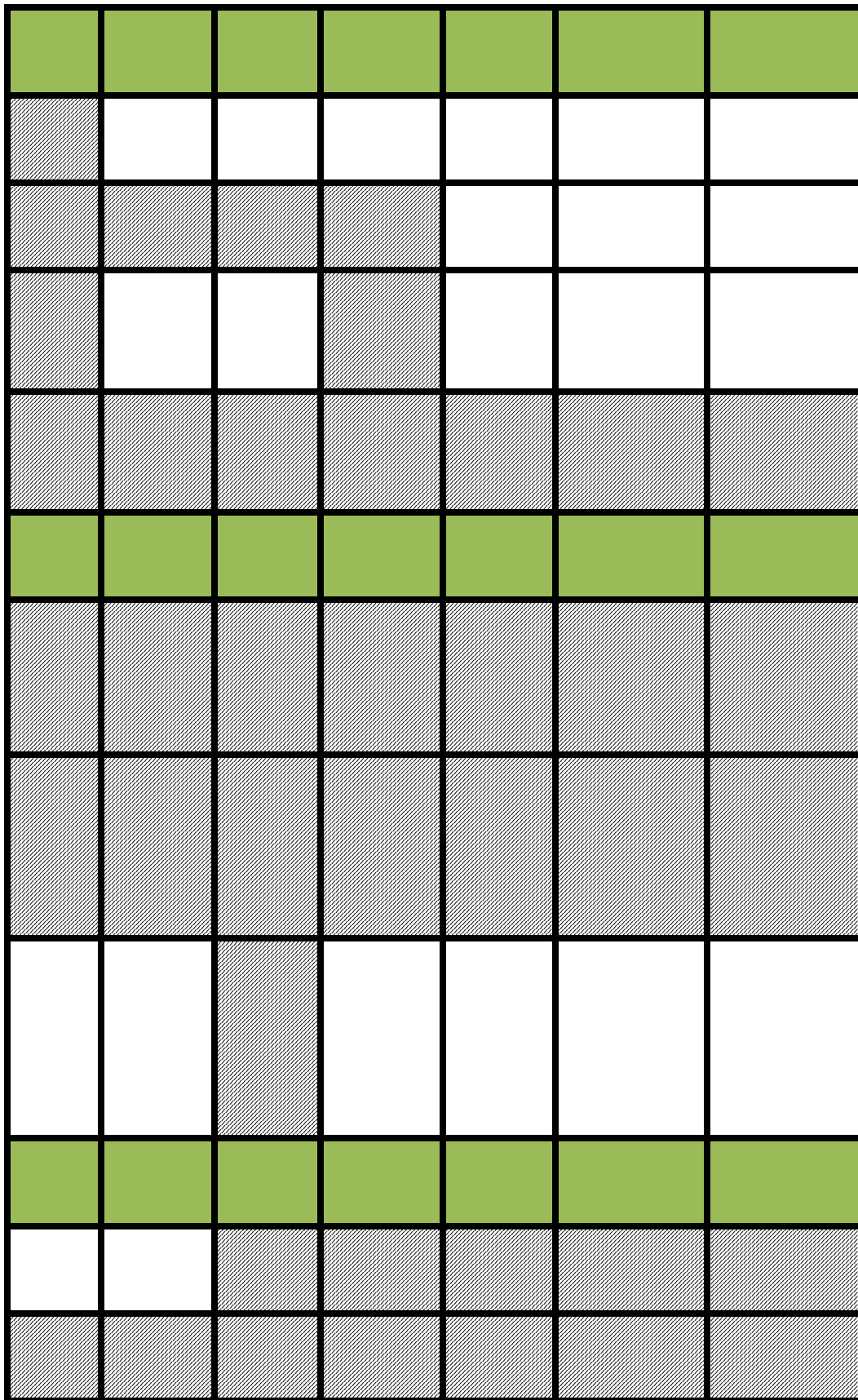
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CREATES-Management & LiSBE Dean Office					
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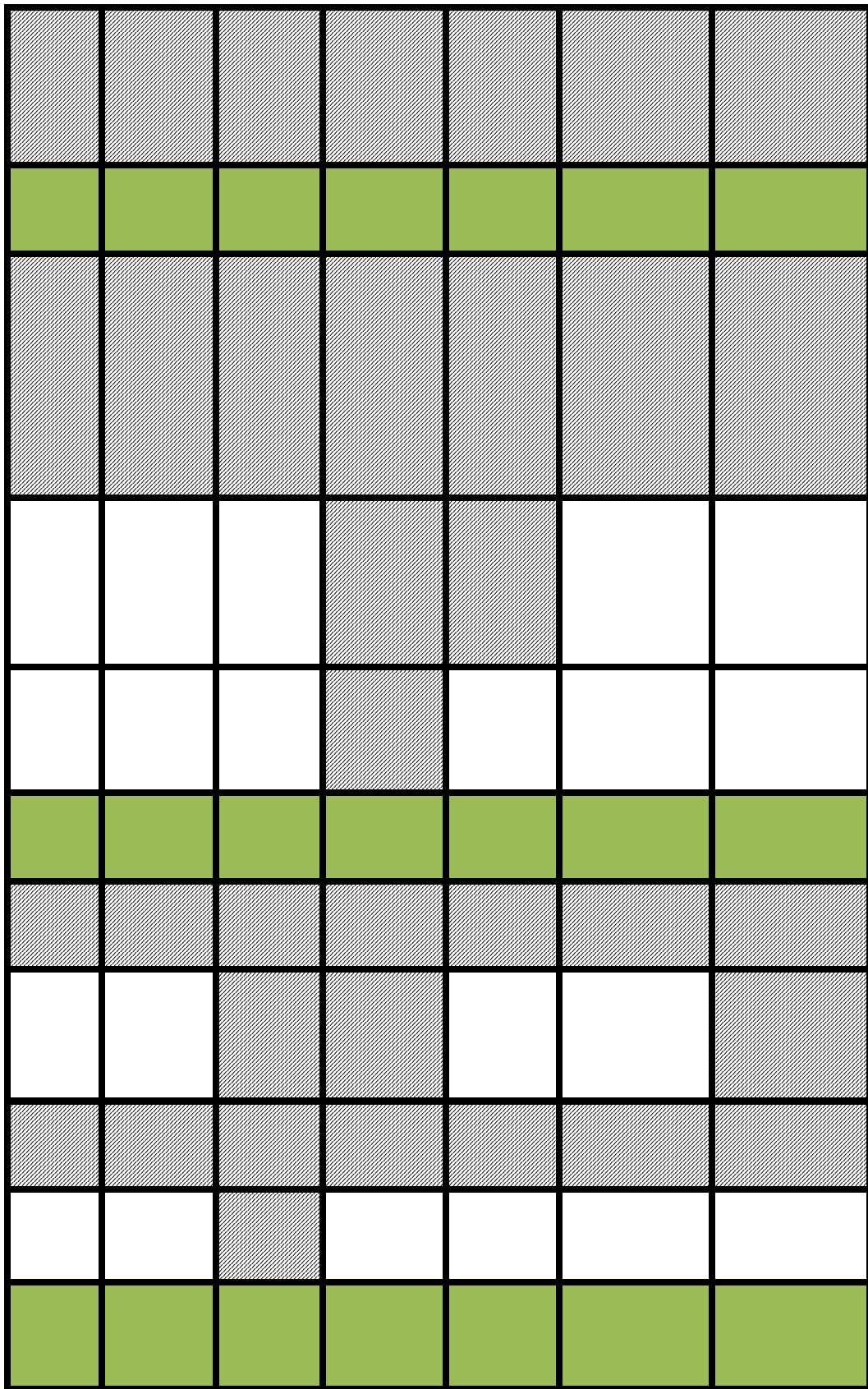
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CREATES-Management & LiSBE Dean Office					
CREATES-Management & NM-AIST PMU					
CREATES-Management					
CREATES-Management & Finance Department					
CREATES-Management, Finance and Internal Audit Department					
CREATES-Management					
CREATES-Management					
CREATES-Management					









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