



Arab HEUG Alliance 2016 Conference

Making a World of Difference

Abu Dhabi University, Abu Dhabi, UAE

15-16 November, 2016

Higher Education Planning, Budgeting, Forecasting and Reporting

CASE STUDY: ADU ORACLE HYPERION IMPLEMENTATION

Presenter Information

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- Senior Consultant
- AZDAN BUSINESS ANALYTICS
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- SESSION ####
- DATE OF PRESENTATION



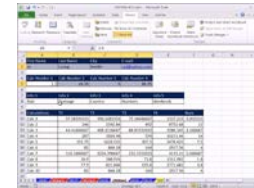
Business Challenges



Not easy to analyze
or forecast data



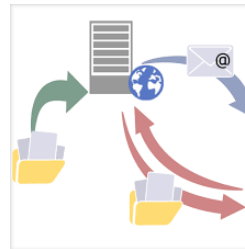
Pressure to make
quick decisions



Use of multiple
linked Excel sheets



Hard to track progress
and responsibility



Manual and ad-hoc
processes



High risk in data
integrity



Inefficient management
reporting



Time Consuming



High volume of
transactions

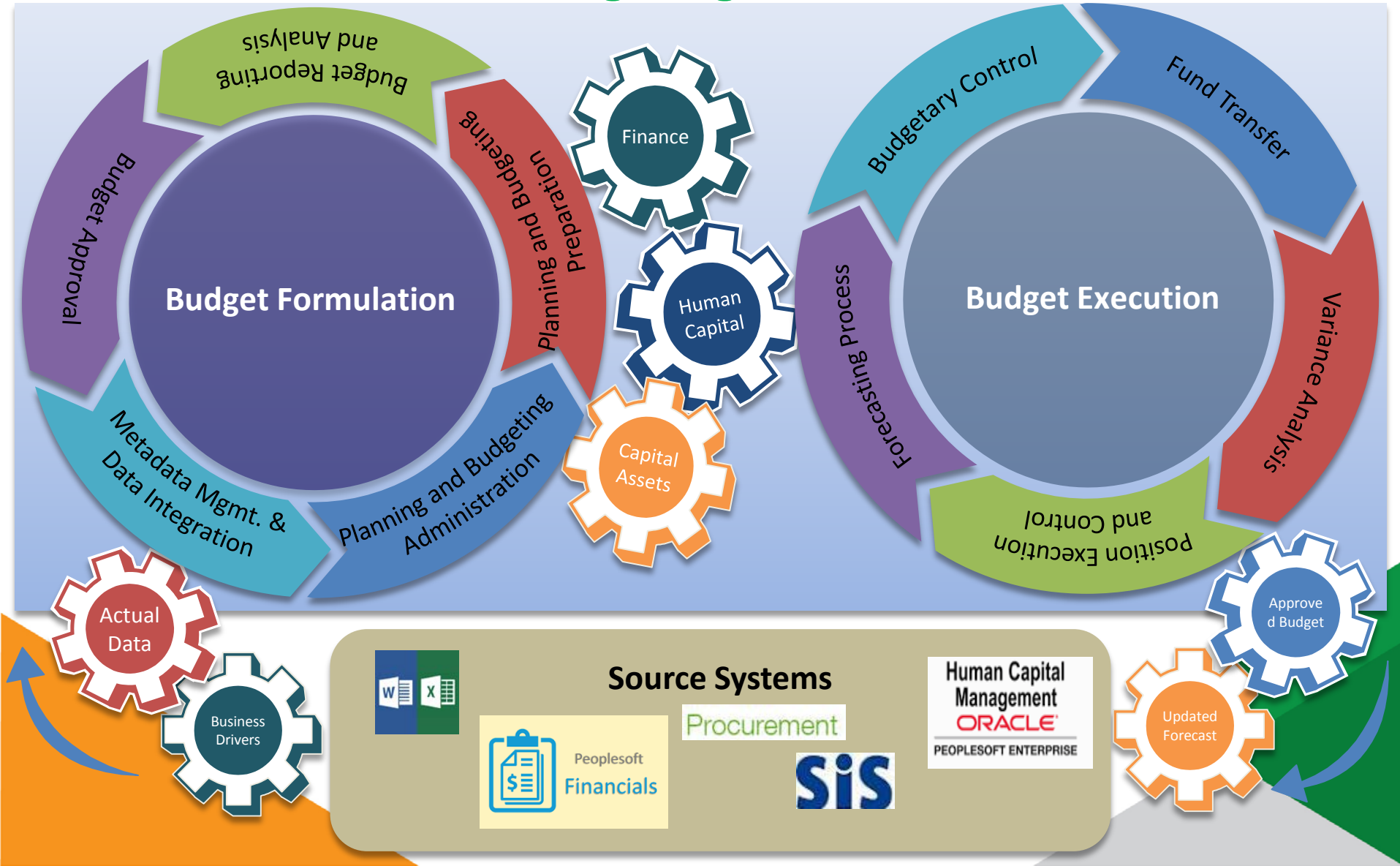
Project Context

- A flexible planning application based on
 - Oracle Planning and Budgeting Cloud Service
 - Oracle Enterprise Performance Reporting Cloud Service
- Support operational and financial planning process designed for higher education organizations
- Delivers instant value and greater productivity for business planners

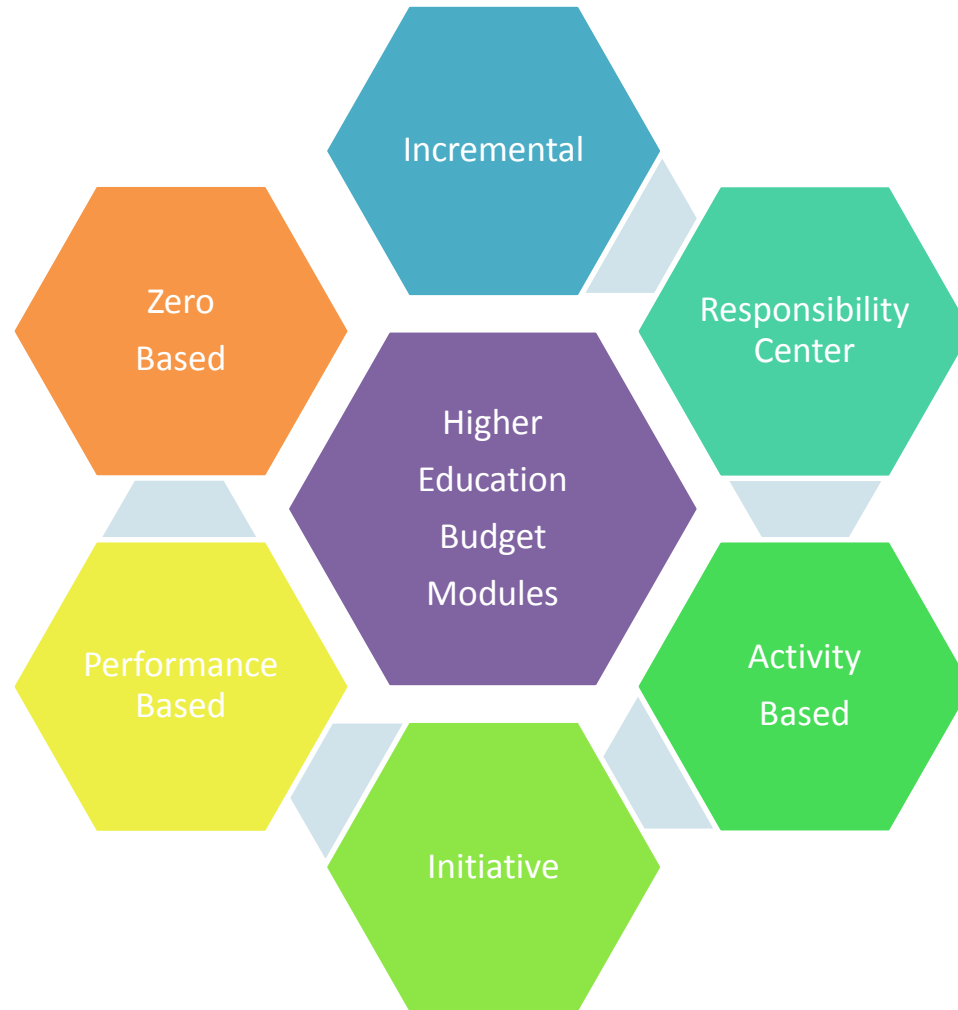
Solution Description



End to End Integrated Planning and Budgeting Process



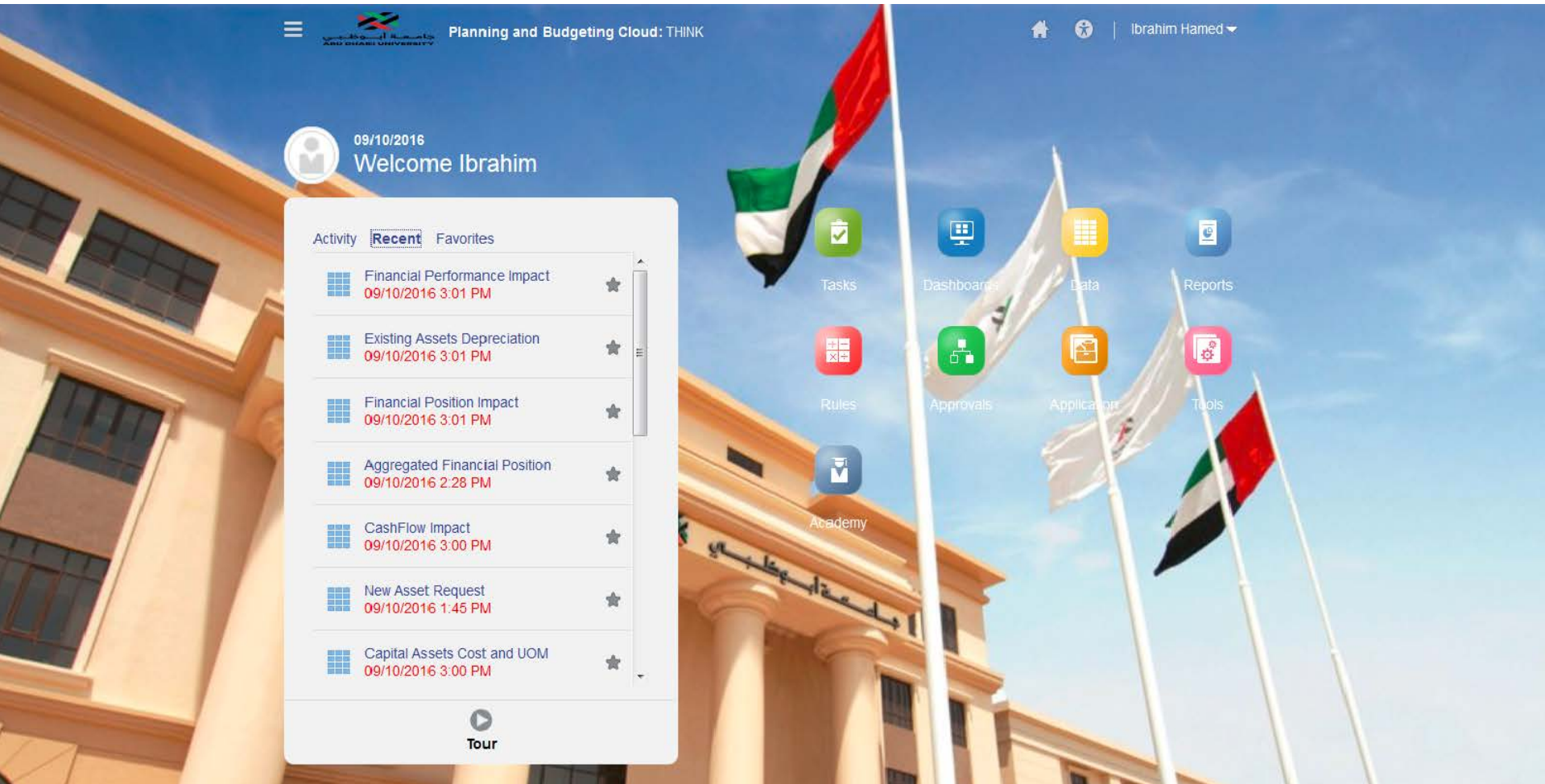
Colleges and universities approach budgeting in various ways



Planning for an uncertain future continues to be a priority.

ABU DHABI UNIVERSITY

Oracle Hyperion Implementation Project



Planning and Budgeting Cloud: THINK

Ibrahim Hamed

09/10/2016
Welcome Ibrahim

Activity **Recent** Favorites

- Financial Performance Impact
09/10/2016 3:01 PM
- Existing Assets Depreciation
09/10/2016 3:01 PM
- Financial Position Impact
09/10/2016 3:01 PM
- Aggregated Financial Position
09/10/2016 2:28 PM
- CashFlow Impact
09/10/2016 3:00 PM
- New Asset Request
09/10/2016 1:45 PM
- Capital Assets Cost and UOM
09/10/2016 3:00 PM

Tour

Tasks Dashboard Data Reports

Rules Approvals Application Tools

Academy

**Implemented
Models for five
years business
plan**

Revenue Models

Scholarship Model

Operating Expenses Model

Human Capital Models

Capital Expenditure Model

Financials Model

Budget Execution Model

Revenue Models

Program Revenue

Students Accommodation

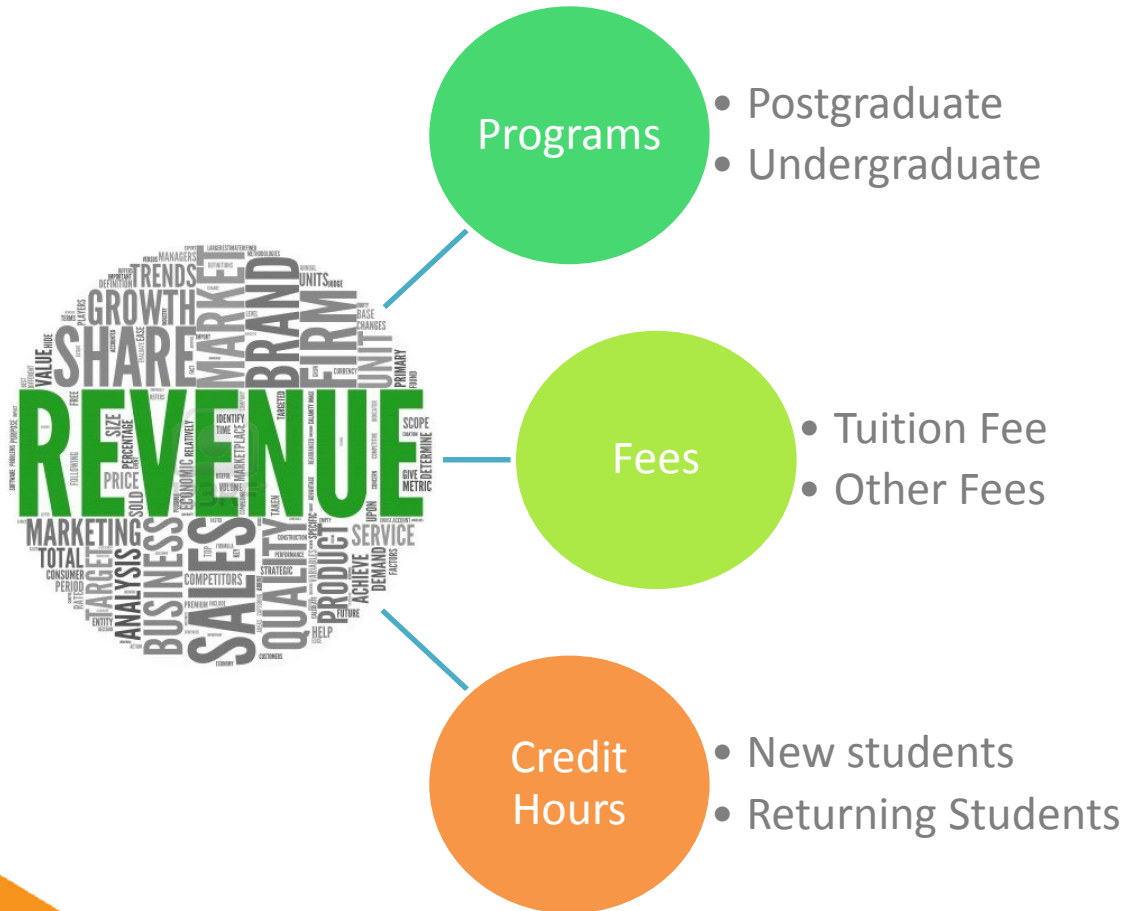
Rental Revenue

Other Revenue

Revenue Models

- Program Revenue

- ✓ Derived by credit hours of programs study plan



Revenue Model Screenshots

Program Revenue

Program Courses 1

Project/Activity/Program: Bachelor of Arts in English

Buttons: Save, Refresh, Actions, Complete, Previous, Next, Close

Buttons: Data, Ad hoc, Format

				Course Code	Course Title	Course College	Faculty Member Type	Faculty Member Rank	Course Credit Hours	Course Prerequisite	Lab Typ
ADU01 - 01 : Khalifa Campus	Study Year 1	Fall	Course 1	ARL 100 (A)	Communication Skills in Arabic I	CAS	Full Time	Instructor	3	No Prerequisite	
			Course 2	ENG 100	English I	UC	Full Time	Instructor	3	No Prerequisite	
			Course 3	ISL 100 (A)	Islamic Culture	UC	Full Time	Professor	3	No Prerequisite	
			Course 4	MTG 100	College Mathematics	UC	Full Time	Instructor	3	No Prerequisite	
			Course 5	NSC 201	Natural Sciences	UC	Full Time	Assistant Professor	3	No Prerequisite	
			Course 6	UNS 102	University Study Skills	CAS	Full Time	Assistant Professor	1	No Prerequisite	
	Spring		Course 1	ARL 105 (A)	Communication Skills in Arabic II	CAS	Full Time	Instructor	3	ARL 100 (A)	
			Course 2	ENG 200	English II	UC	Full Time	Instructor	3	ENG 100 & UNS102	
			Course 3	ITE 100	Introduction to Information Technology Applications	UC	Full Time	Senior Instructor	3	No Prerequisite	
			Course 4	PSY 201	General Psychology	CAS	Full Time	Assistant Professor	3	ENG 100 & UNS102	
			Course 5	SOC 201	UAE and GCC Society	UC	Full Time	Senior Instructor	3	ENG 100 & UNS102	
			Course 6	STT 100	General Statistics	UC	Full Time	Instructor	3	No Prerequisite	
ADU01 - 01 : Khalifa Campus	Study Year 2	Fall	Course 1	ASC 301	Research Report Writing	CAS	Full Time	Assistant Professor	3	STT 100	
			Course 2	ENG 201	Business and Technical Communications	UC	Full Time				
			Course 3	PHI 300	Professional Ethics	UC	Full Time				
			Course 4	CRT 301	Critical Thinking	UC	Full Time				
			Course 5	ENG 204	Situational Conversation	CAS	Full Time				
	Spring		Course 6	OE1	Open Elective I	CAS	Full Time				
			Course 1	ENG 202	Readings in English Short Stories	CAS	Full Time				
			Course 2	ENG 205	English Grammar	CAS	Full Time				
			Course 3	ENG 208	Narration and Description	CAS	Full Time	Assistant Professor	3	ENG 200	
			Course 4	OE2	Open Elective II	CAS	Full Time	Associate / Sr Lecturer	3		

Including the complete data for all programs study plan

Program Revenue

Program Credit Hours ?


[Save](#)
[Refresh](#)
[Actions ▾](#)
☐ Complete

[Previous](#)
[Next](#)
[Close](#)


FCST_Version Working	Budget_Version Baseline	Actual_Version ERP	Project/Activity/Program Bachelor of Science in Environmental Health & Safety
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Program Credit Hours

Program Credit Hours CurrYr	Program Credit Hours PlanYr1	Program Credit Hours PlanYr2	Program Credit Hours PlanYr3	Program Credit Hours PlanYr4	Program Credit Hours PlanYr5
------------------------------------	------------------------------	------------------------------	------------------------------	------------------------------	------------------------------

Operating Unit
ADU01 - 01 : Khalifa Campus



	Forecast				Forecast				Forecast				Forecast				Forecast			
	Working				Working				Working				Working				Working			
	2015/16				2015/16				2015/16				2015/16				2015/16			
	Study Year 1				Study Year 2				Study Year 3				Study Year 4				Study Y			
	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe
No. of New Students	10			10																
NS - Study Plan Credit Hours	140			180																
NS - Transferred Credit Hours	70			70																
NS - Credit Hours (Calculated)	70			250																
NS - Avg Credit Hours / Per Student	5			16																
NS - % of Taken Credit Hours	65%			65%																
NS - Credit Hours Taken	46			163																
No. of Returnee Students	15			19																
% of Retention and Proportion	60%			60%																
RS - Study Plan Credit Hours	210			342																
RS - Cumulative Credit Hours				158																
RS - Credit Hours (Calculated)	210			451																
RS - Avg Credit Hours / Per Student	10			17																
RS - % of Taken Credit Hours	70%			70%																
RS - Credit Hours Taken	147			315																
Enrolled Students	25			29																
Total Credit Hours	193			478																

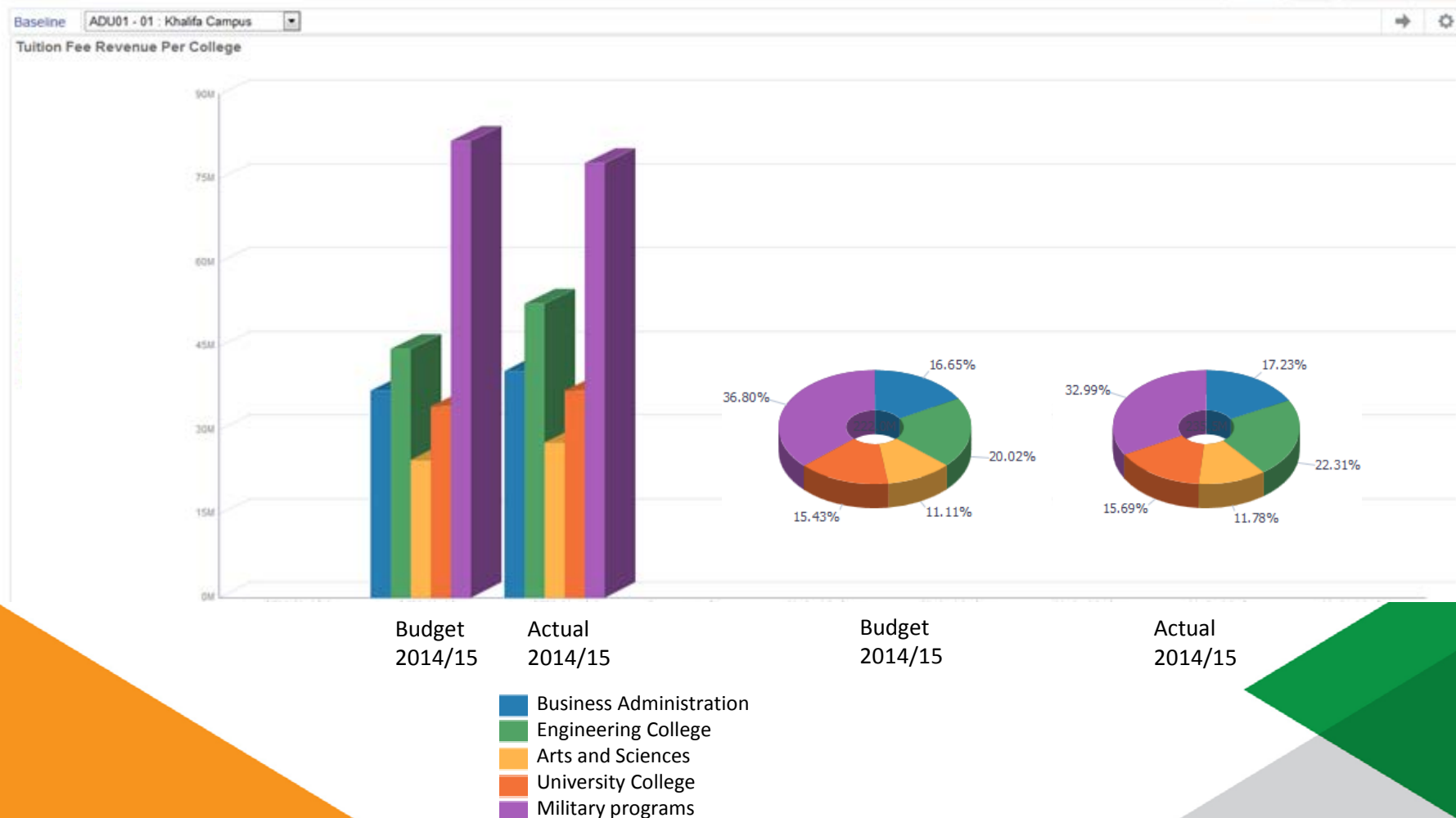
Calculating the credit hours for new and returning students taken into consideration the cumulative credit hours taken and retention %

- Program Revenue

Program Revenue			<div> <div>Save</div> <div>Refresh</div> <div>Actions</div> <div>Complete</div> <div>Previous</div> <div>Next</div> <div>Close</div> </div>								
FCST_Version	Budget_Version	Actual_Version	Project/Activity/Program								
Working	Baseline	ERP	Bachelor of Arts in English								
Program Revenue CurrYr	Program Revenue PlanYr1	Program Revenue PlanYr2	Program Revenue PlanYr3	Program Revenue PlanYr4	Program Revenue PlanYr5	Aggregated Program Revenue- All Study Years					
			<div>Forecast</div> <div>Working</div> <div>2015/16</div> <div>Study Year 1</div> <div>Year Total</div>								
			<div>Forecast</div> <div>Working</div> <div>2015/16</div> <div>Study Year 2</div> <div>Year Total</div>								
			<div>Forecast</div> <div>Working</div> <div>2015/16</div> <div>Study Year 3</div> <div>Year Total</div>								
			<div>Forecast</div> <div>Working</div> <div>2015/16</div> <div>Study Year 4</div> <div>Year Total</div>								
			<div>Forecast</div> <div>Working</div> <div>2015/16</div> <div>Study Year 5</div> <div>Year Total</div>								
			<div>Forecast</div> <div>Working</div> <div>2015/16</div> <div>All Study Years</div> <div>Year Total</div>								
ADU01 - 01 : Khalifa Campus	ADU01-201 : College of Business Administration		Tuition and Lab Fees								
	ADU01-202 : College of Engineering		Tuition and Lab Fees								
	ADU01-203 : College of Arts and Sciences		Tuition and Lab Fees								
	ADU01-204 : University College		Tuition and Lab Fees								
	ADU01-206 : Academic Programs for Military Colleges		Tuition and Lab Fees								
	ADU01-20601 : Joint Command College		Tuition and Lab Fees								
	ADU01-20602 : Zayed Military College		Tuition and Lab Fees								
	ADU01-20603 : Prequalification		Tuition and Lab Fees								
ADU01 - 01 : Khalifa Campus	ADU01-60203 : Admissions, Enrollment, & International Relations		401020201 Application Fees - Undergraduate								
			401020202 Application Fees - Postgraduate								
ADU01 - 01 : Khalifa Campus	ADU01-601 : Registrar		401020301 Registration Fees - Undergraduate								
			401020302 Registration Fees - Postgraduate								
ADU01 - 01 : Khalifa Campus	ADU01-60204 : Student Support Services		401020101 Student Service Fees								
			401020601 Health Service Fees - Regular Students								
ADU01 - 01 : Khalifa Campus	ADU01-BOST : Bookstore		402010101 Book Sales Revenue - New Text Book								
ADU01 - Operating Unit	Abu Dhabi University		401 Tuition and Fees								

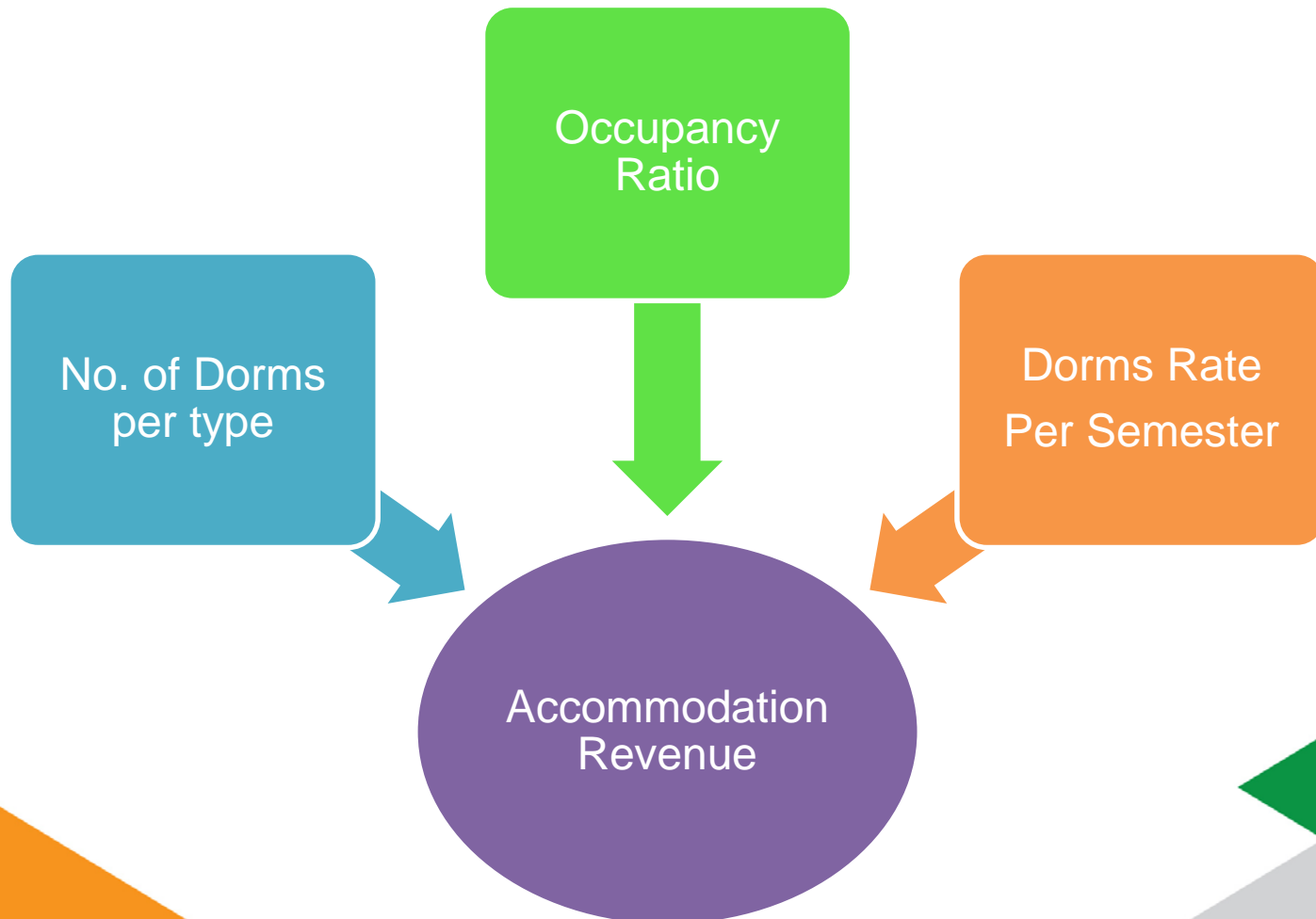
■ Tuition Revenue Per College

Tuition Revenue Per College



Revenue Models

- Students Accommodation drivers



Revenue Model Screenshots

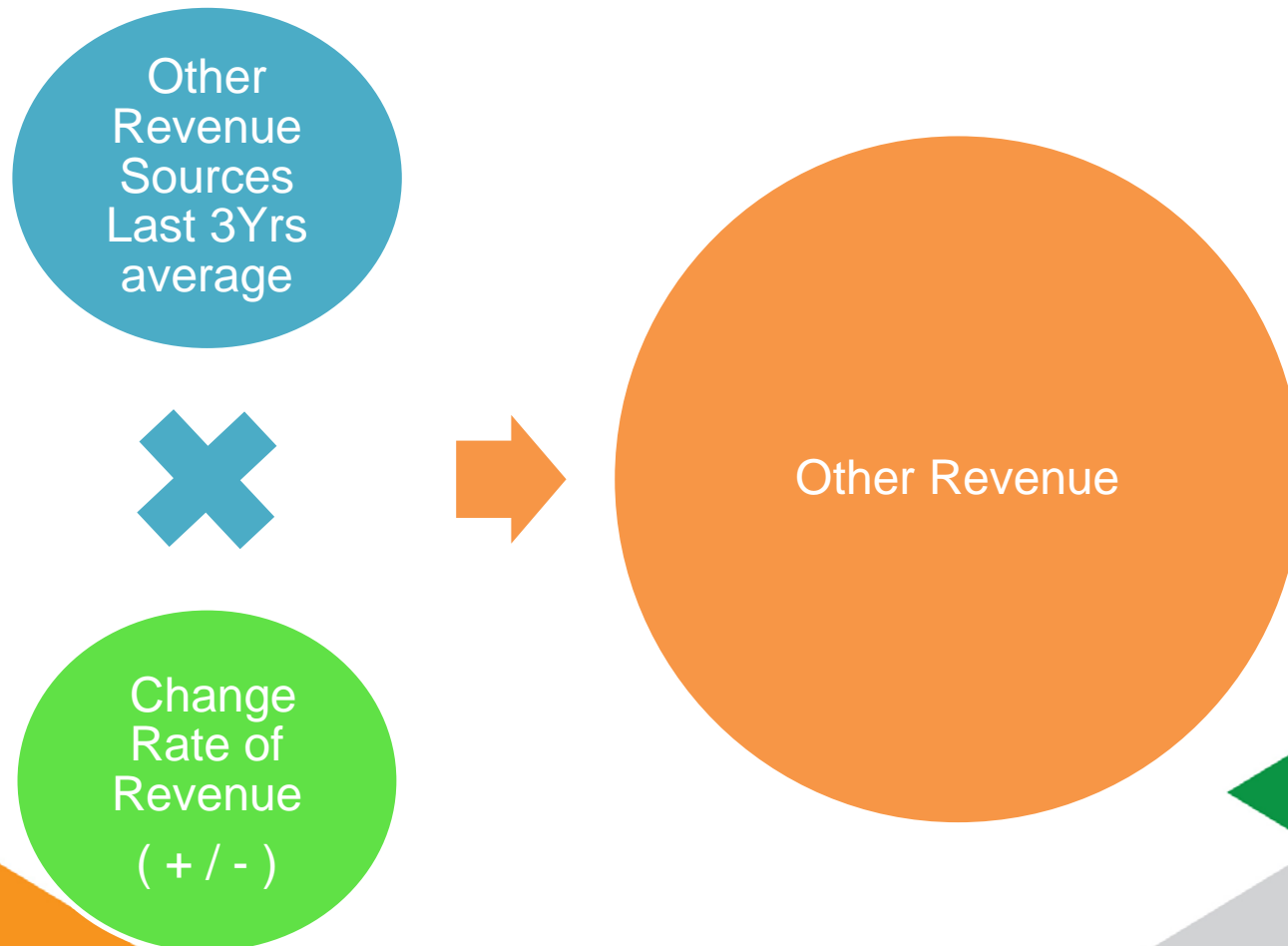
Students Accommodation

Accommodation Revenue		Save Refresh Actions Complete Previous Next Close							
FCST_Version	Budget_Version	Entry	Operating Unit						
Working	Baseline	ADU01-DORM : Student Dorm : AD	ADU01 - 00 : Abu Dhabi University						
		Forecast				2016-17 Budget			
		Working				Baseline			
		2015/16				2016/17			
		Fall	Winter	Spring	Summer	Fall	Winter	Spring	Summer
Private Single/ Bath and Kitchen	Occupancy Ratio								
	401040101 Student Accommodation - ADU Students - Private Single								
Semi-Private Single/ Shared Bath and Kitchen	Occupancy Ratio								
	401040102 Student Accommodation - ADU Students - Semi Private Single								
Double/with Bath and Kitchen	Occupancy Ratio								
	401040103 Student Accommodation - ADU Students - Double								
Double/with Shared Bath and Kitchen	Occupancy Ratio								
	401040104 Student Accommodation - ADU Students - Double Shared								

Including the revenue for study accommodation based on dorm type and Occupancy ratio

Revenue Models

- Other Revenue
 - ✓ Derived by last years actual adjusted by assumed change rate



Revenue Model Screenshots

Other Revenue

Other Revenue ⓘ

Save Refresh Actions Complete Previous Next Close

Actual_Version: ERP FCST_Version: Working Budget_Version: Baseline Entity: ADH01-001 : Chairman's Office Operating Unit: ADH01 - 01 : Abu Dhabi

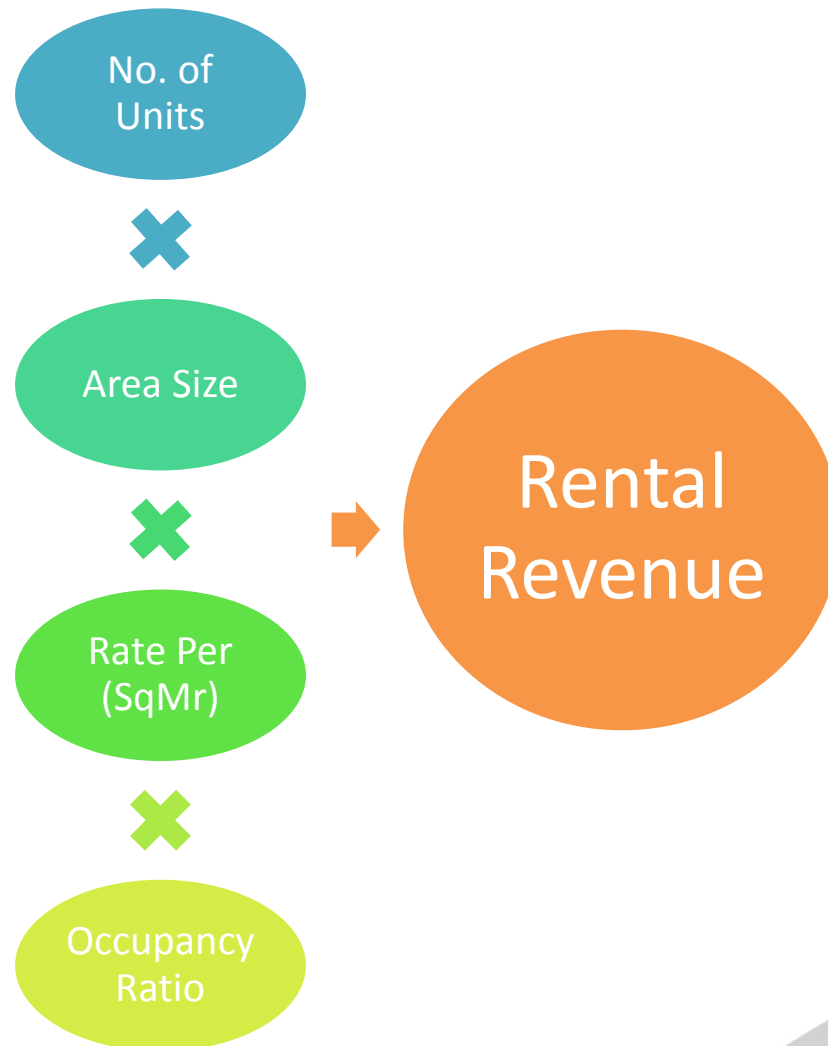
Data Ad hoc Format

	Actual	Actual	Forecast	Last 3Yrs Average	Forecast	2016-17 Budget				
	ERP	ERP	Working	ERP	Working	Baseline				
	2013/14	2014/15	2015/16	2015/16	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
	YearTotal	YearTotal	YearTotal	x-----x	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal
402010102 Book Sales Revenue - Old Text Book										
402010201 Sale of Merchandise - Marketing Items										
402010202 Sale of Merchandise - Alumni Items										
402010301 Sale of Engineering Kit										
403010101 Rental Revenue - Staff Accommodation										
403020101 Rental Revenue - Cafeteria										
403030101 Rental Revenue - Building Space										
403030102 Rental Revenue - Building Space - Affiliates										
403040101 Rental Revenue - School Building										
403050101 Rental Revenue - Machinery and Equipment										
403060101 Rental Revenue - Buses										
404010101 Dividend Income										
404020101 Gain (Loss) on Investment Carried at Fair Value Through Inc. Statement										
405010101 Government Contributions and Grants										
405010201 Corporate Contributions and Grants										
405010301 Alumni Contributions and Grants										
405010401 Non-governmental Organization Contributions and Grants										
405010501 Other Individual Contributions and Grants										
405010601 Government Grants Recognised - ADUHC										

Including all Other revenue budget figures per account

Revenue Models

- Rental Revenue drivers



■ Rental Revenue

Rent Revene ⓘ

Operating Unit: ADH01 - 01 : Abu Dhabi | FCST_Version: Working | Budget_Version: Baseline | Entity: ADH01-005 : Rentals

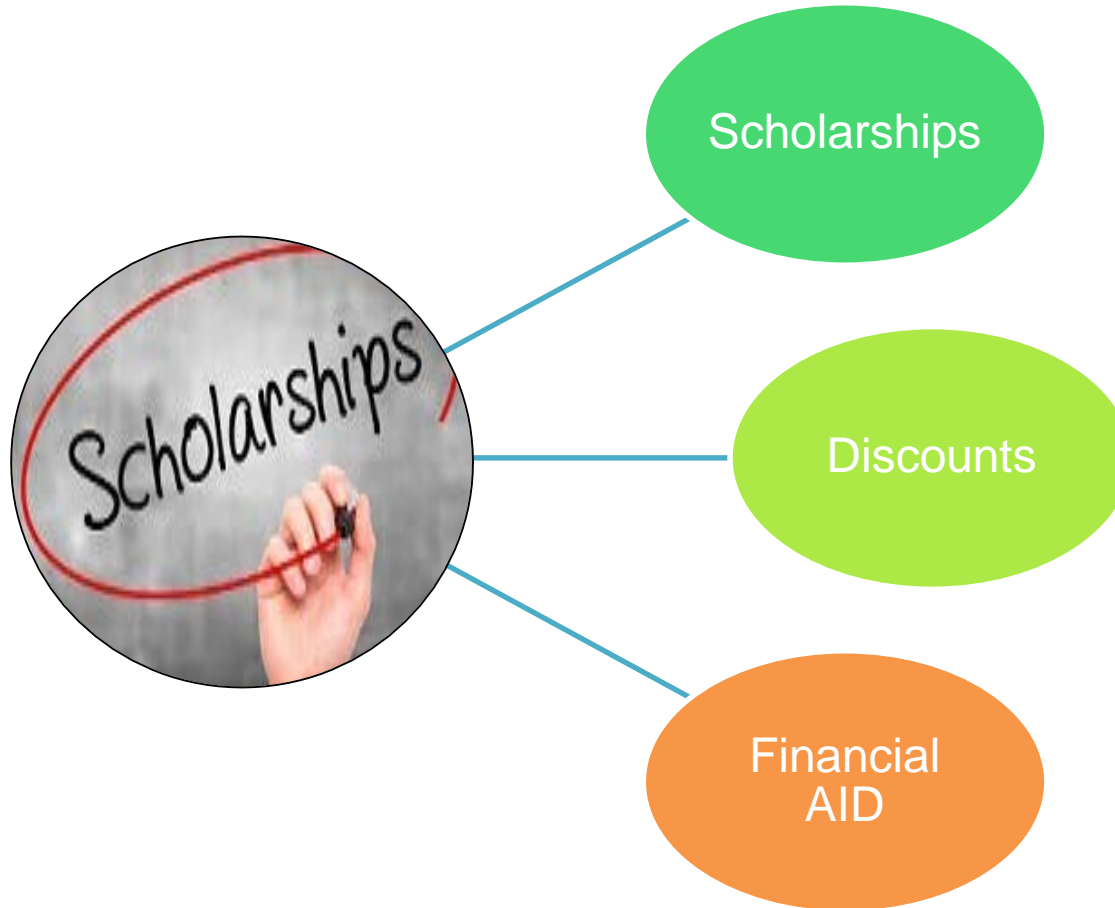
Buttons: Save, Refresh, Actions, Complete, Previous, Next, Close

Buttons: Data, Ad hoc, Format

		Forecast	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget
		Working	Baseline	Baseline	Baseline	Baseline	Baseline
		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
		YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal
British International School LLC - Gr., 1st, & 2nd Floor	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
BlISAD Sport Center Facility	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
BlISAD Sports Ground	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
Mussafah Warehouse	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
Mussafah Warehouse - Offices	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
Main Education Building Rental	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
One Bedroom Apartment	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
Two Bedrooms Apartment	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
Three Bedrooms Apartment	Occupancy Ratio						
	403030101 Rental Revenue - Building Space						
Four Bedrooms Executive Big Villas	Occupancy Ratio						

Including Rental Revenue based on No. of units, Area size, Rate per (SqMr) and Occupancy ratio

Scholarship Model



Scholarship Model

Scholarship Model Factors

No. of credit hours per program

Discount Percentage %

No. of students (New and
Returning)

Fees per program (Tuition Fee &
Other fees)

Scholarship Model Screenshots

- Scholarship Fees form

Scholarship Fees 1

Scholarship Fees
 Project/Activity/Program: Bachelor of Arts in English
 Analytics: Family Tuition Discount - 15%

Scholarship Fees CurrYr | **Scholarship Fees PlanYr1** | Scholarship Fees PlanYr2 | Scholarship Fees PlanYr3 | Scholarship Fees PlanYr4 | Scholarship Fees PlanYr5

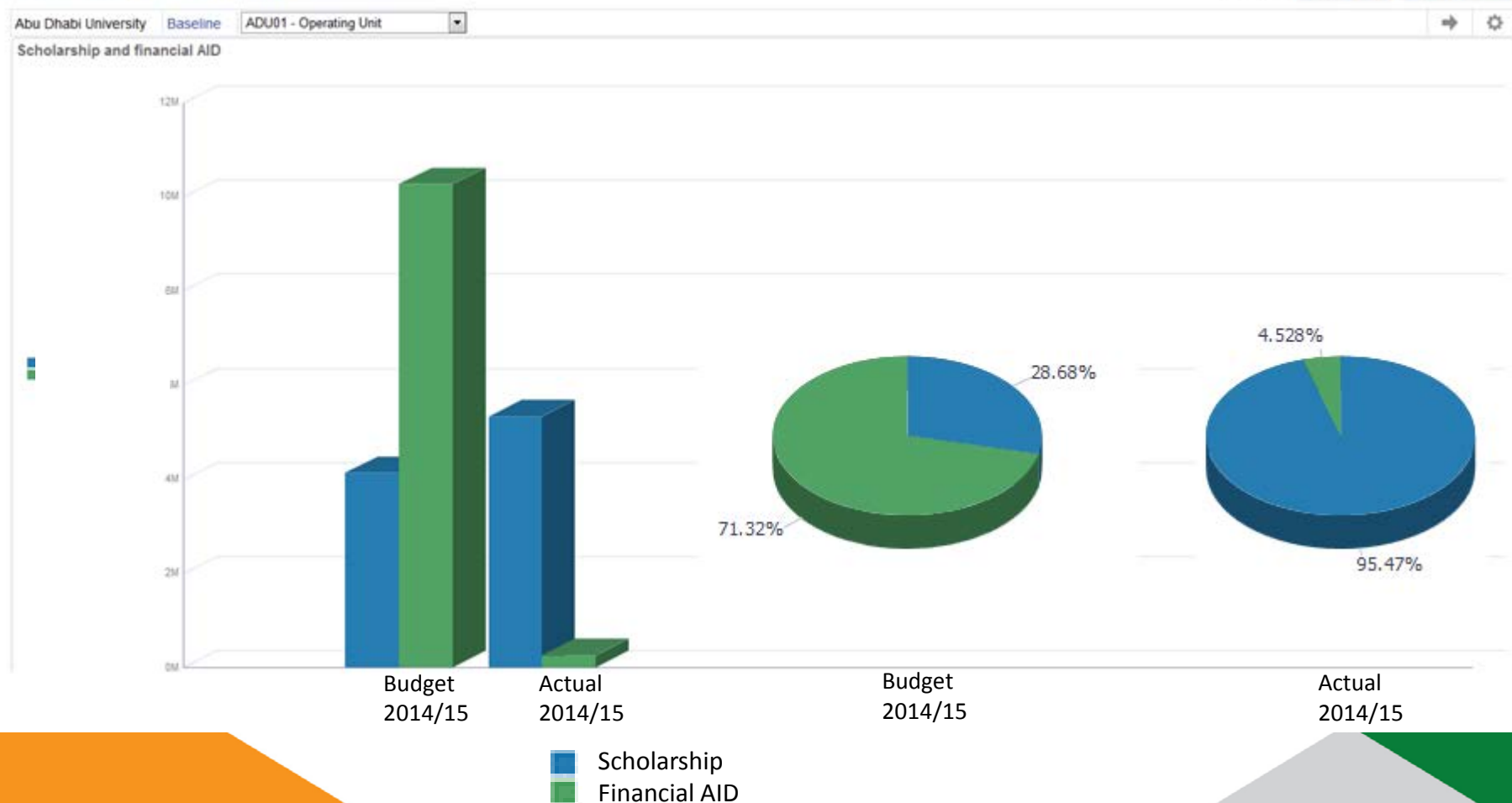
			2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget
			Baseline	Baseline	Baseline	Baseline	Baseline	Baseline
			2016/17	2016/17	2016/17	2016/17	2016/17	2016/17
			Study Year 1	Study Year 2	Study Year 3	Study Year 4	Study Year 5	All Study Years
			Year Total	Year Total	Year Total	Year Total	Year Total	Year Total
ADU01 - 01 : Khalifa Campus	ADU01-201 : College of Business Administration	502010101 Family Tuition Discount - 15%						
		502010102 Family Tuition Discount - 20%						
		502010103 Family Tuition Discount - 25%						
		502010201 Staff Discount - Non ADU Employee - 50%						
		502010202 Staff Discount - Non ADU Employee Dependant - 25%						
		502010301 Masters Discount - 20%						
		502010302 Merit Discount - 25%						
		502010303 Professional Diploma in Education Discount - 25%						
		502020101 H.H. Sheikh Hamdan Bin Zayed Scholarship - 100%						
		502020201 Chairman's Scholarship - 100%						
		502020301 University Scholarship - 30%						
		502020302 University Scholarship - 20%						
		502020401 Academic Scholarship - 20%						
		502020501 Diversity Scholarship - 50%						
		502020601 Athletic Scholarship - 25%						
		502020701 H.E. Dhafer Sahmi Al-Ahbab Scholarship						
		502020702 Quasay Mohammed Al Ghussain Scholarship						
		502020703 H.E. Ali Saeed Bin Harmal Al Dhaheri Scholarship						
		502020801 H.E. Sheikh Nahyan Bin Mubarak Al Nahyan Scholarship						
		502020902 H.E. Mohammad Abdulla Al Gergawi Scholarship						

Including calculated budget amount for all scholarship types per each college

Scholarship Model Screenshots

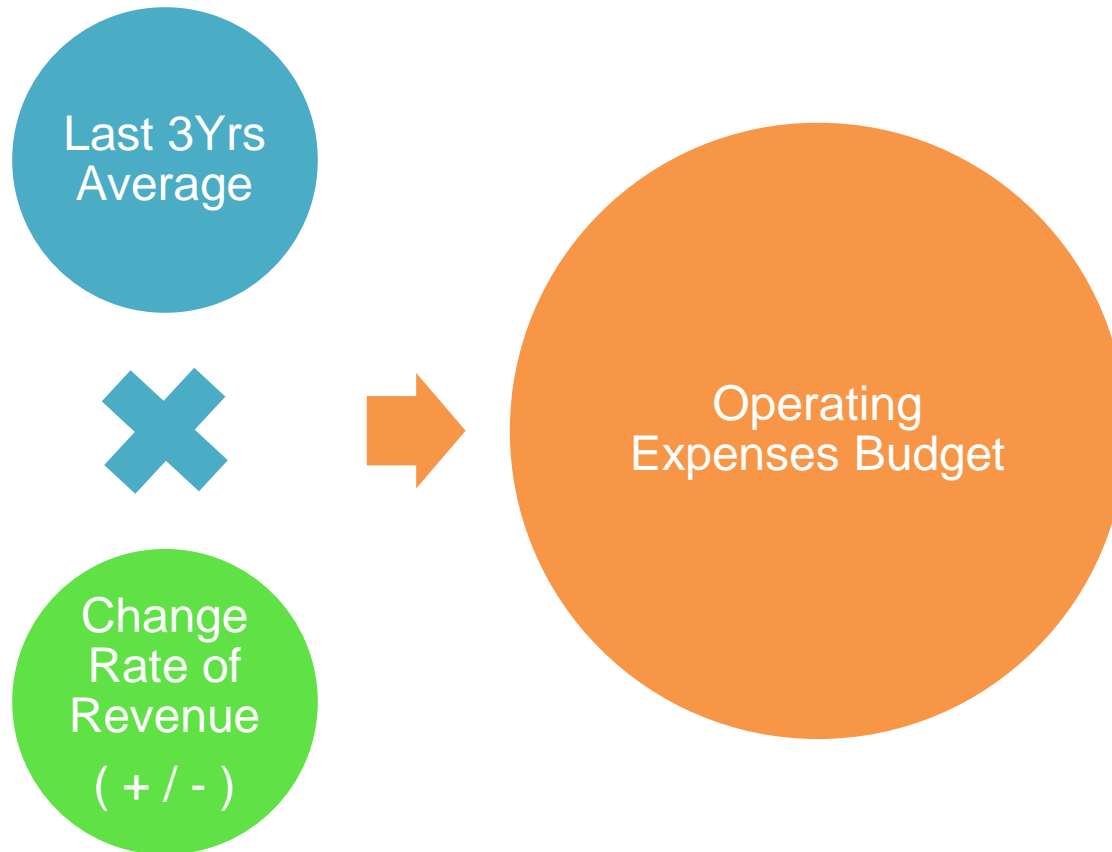
Scholarship VS financial AID

Scholarship VS financial AID



Operating Expenses Model

- Operating expenses drivers



Operating Expenses Model

- Operating Expenses form

Operating Expenses ⓘ

Actual_Version: ERP FCST_Version: Working Budget_Version: Baseline Operating Unit: ADH01 - 01 : Abu Dhabi Entity: ADH01-001 : Chairman's Office

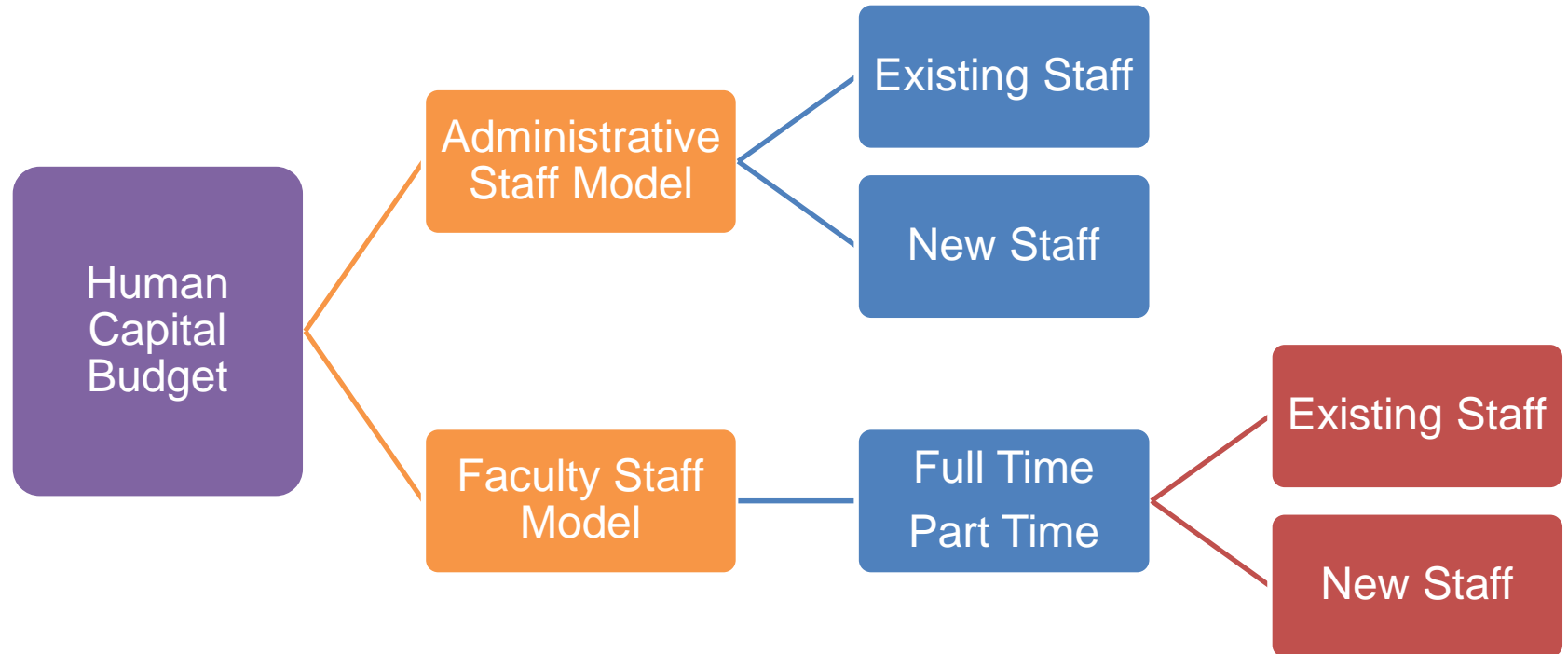
Save Refresh Actions ▾ ☐ Complete Previous Next Close

Data Ad hoc Format

	Actual	Actual	Forecast	Last 3Yrs Average	Forecast	2016-17 Budget				
	ERP	ERP	Working	ERP	Working	Baseline				
	2013/14	2014/15	2015/16	2015/16	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
	YearTotal	YearTotal	YearTotal	x-----x	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal
503010101 Proctoring - ADU Employee - Full Time Faculty										
503010102 Proctoring - ADU Employee - Full Time Staff										
503010103 Proctoring - ADU Employee - Part Time Faculty										
503010104 Proctoring - ADU Employee - Part Time Staff										
503010105 Proctoring - ADU Employee - Visiting										
503010106 Proctoring - ADU Employee - Others										
503010201 Proctoring - Non ADU Employee										
503020101 Legal Fees										
503020201 Audit Fees										
503020301 Consultancy Fees										
503020401 Practicum Fees										
503020501 Cleaning Services										
503020601 Security and Safety Services										
503020701 Garden Services										
503020801 Recycling Services										
503020901 Pest Control Services										
503021001 Other Professional Services										
503021101 Medical Clinic Services										
503021201 General Service Expense										

Including Budget amount based on actual figures from previous years adjusted by user assumptions for future years

Human Capital Model



Human Capital Model

- Grade based Model
- Existing Staff budget based on
 - last month payroll
 - Change Rate of salary (+ / -)
- New and vacant positions budget based on
 - No. of headcounts per grade
 - Budget amount per grade
- No. of required faculty staff based on
 - Programs credit hours per faculty member
 - Work load ratio

Human Capital Model Screenshots

- Existing Staff Assumptions form

Existing Staff Assumptions ⓘ

Analytics: Budget_Version: Operating Unit: ADH01 - 01 : Abu Dhabi

Change Rate: Baseline

Save Refresh Actions Complete Previous Next Close

Data Ad hoc Format

	2016-17 Budget				
	Baseline				
	2016/17	2017/18	2018/19	2019/20	2020/21
501010301 Acting Allowance - Full Time Faculty	10%	10%	10%	20%	
501010302 Acting Allowance - Full Time Staff					
501010303 Acting Allowance - Part Time Faculty					
501010304 Acting Allowance - Part Time Staff					
501010305 Acting Allowance - Visiting					
501010306 Acting Allowance - Others					
501010401 Position Allowance - Full Time Faculty					
501010402 Position Allowance - Full Time Staff					
501010403 Position Allowance - Part Time Faculty					
501010404 Position Allowance - Part Time Staff					
501010405 Position Allowance - Visiting					
501010406 Position Allowance - Others					
501010601 Performance Allowance - Full Time Faculty					
501010602 Performance Allowance - Full Time Staff					
501010106 Basic Salary - Others					
501010101 Basic Salary - Full Time Faculty					
501010102 Basic Salary - Full Time Staff	10%	10%	10%	10%	10%
501010103 Basic Salary - Part Time Faculty					
501010104 Basic Salary - Part Time Staff					
501010105 Basic Salary - Visiting					

Including existing Staff estimated change rate per year for all Payroll accounts

Human Capital Model Screenshots

- Program Credit Hours per Faculty Member form

Program Credit Hours per Faculty Member ⓘ

Project/Activity/Program: Bachelor of Arts in English

Save Refresh Actions Complete Previous Next Close

Data Ad hoc Export

			Full Time Staff				FT Program Staff Ratio				Part Time Staff				PT Program Staff Ratio			
			Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe
ADU01 - 01 : Khalifa Campus	ADU01-203 : College of Arts and Sciences	Assistant Professor	28		36		90.32%		85.71%									
		Associate / Sr. Lecturer	3		6		9.68%		14.29%				3				100%	
		Assistant / lecturer										3			33.33%			
		Senior Instructor									3				33.33%			
		Instructor									3				33.33%			
	ADU01-204 : University College	Professor	3					20%										
		Assistant Professor	6					40%										
		Associate / Sr. Lecturer	6			6		40%		100%								

Including No. of credit hours assigned per faculty grade, semester and college wise

Human Capital Model Screenshots

■ FT Required Faculty Member

EPM Cloud

https://planning-a157915.pbc.s.em2.oraclecloud.com/HyperionPlanning/faces/StructureHomeTF/EfsStructurePSB?_adf.ctrl-state=1128bx294n_30&_afLoop=229937170392124

Most Visited Getting Started Suggested Sites Web Slice Gallery

FT Required Faculty Member

Project/Activity/Program: Bachelor of Arts in English | Operating Unit: ADU01 - 01 : Khalifa Campus

Actions Save Refresh Close

Data Ad hoc Format

		Full Time Staff				Work Load Required				Capacity of Faculty Member				FT Required Faculty Member			
		Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe	Fall	Winter	Spring	Summe
ADU01-203 : College of Arts and Sciences	Assistant Professor	28		36		4		3		7		6		1		2	
	Associate / Sr. Lecturer	3		6													
ADU01-204 : University College	Professor	3															
	Assistant Professor	6															
	Associate / Sr. Lecturer	6			6												

Including no. of required FT faculty members per grade, semester and college wise

Human Capital Model Screenshots

■ Staff Headcount Plan form

Staff Headcount Plan

Project/Activity/Program: No Project/Activity/Program | FCST_Version: Working | Actual_Version: ERP | Budget_Version: Baseline | Entity: ADH01-001 : Chairman's Office | Operating Unit: ADH01 - 01 : Abu Dhabi | Analytics: Existing Staff

Buttons: Save, Refresh, Actions, Complete, Previous, Next, Close

Buttons: Data, Ad hoc, Format

		Forecast	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget
		Working	Baseline	Baseline	Baseline	Baseline	Baseline
		2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
		YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal
Professor	Full Time Staff						
	Part Time Staff						
	Total Headcount						
Assistant Professor	Total Headcount						
Associate / Sr. Lecturer	Total Headcount						
Assistant / lecturer	Total Headcount						
Senior Instructor	Total Headcount						
Instructor	Total Headcount						
A.15 Executive Leadership	Total Headcount						
A.15 Executive Leadership	Total Headcount						
A.14 Executive Leadership	Total Headcount						
A.13 Executive Leadership	Total Headcount						
B.14 Senior Management	Total Headcount						
B.13 Senior Management	Total Headcount						
B.12 Senior Management	Total Headcount						
B.11 Senior Management	Total Headcount						
C.11 Management	Total Headcount						
C.10 Management	Total Headcount						
C.09 Management	Total Headcount						

Including No. of headcounts for new and vacant positions per each grade

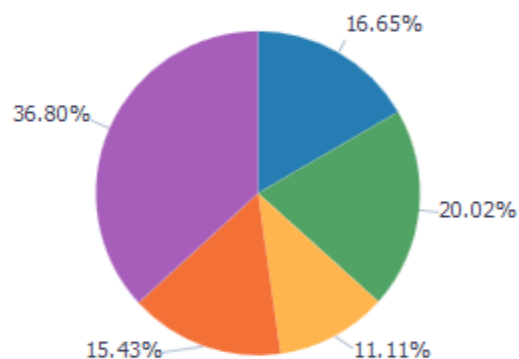
Human Capital Model

Human Capital Model Screenshots

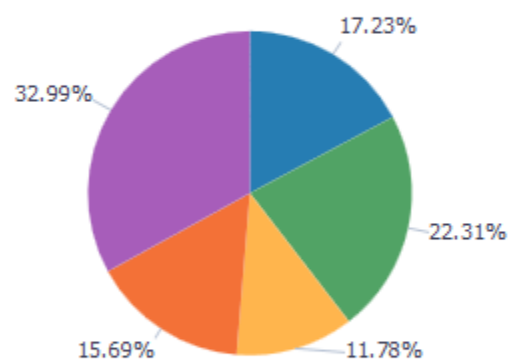
Payroll elements Actual VS Budget



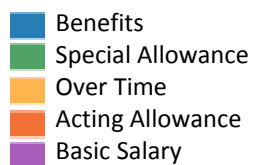
Budget_Version: Baseline | Operating Unit: ADU01 - 01 : Khalifa Campus



Budget
2014/15

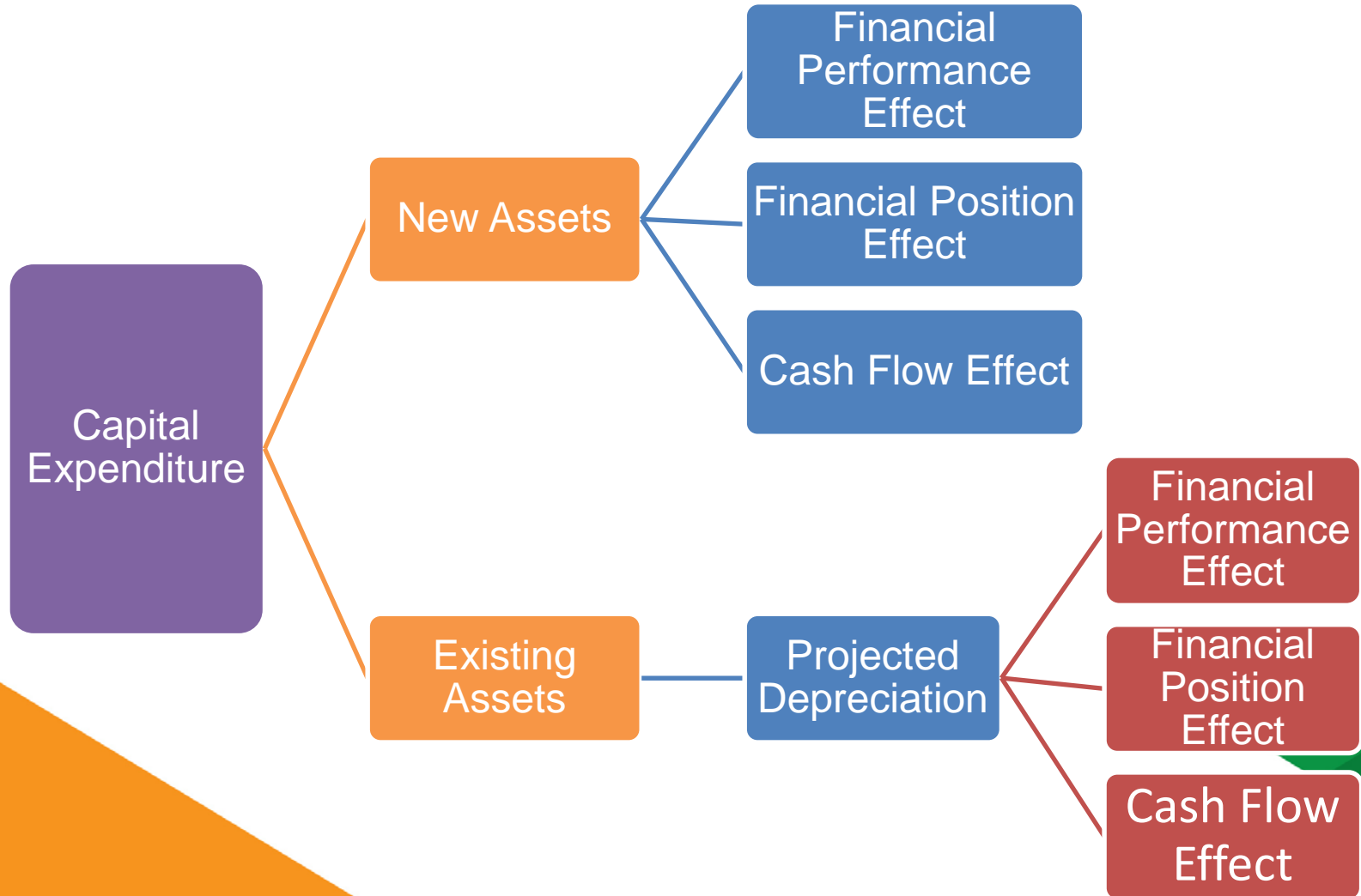


Actual
2014/15



Capital Expenditure Model

- Capital Expenditure
 - ✓ based on the standard budget items and asset categories



Capital Expenditure Model Screenshots

- Existing Assets Depreciation form

Existing Assets Depreciation

Project/Activity/Program: Total Existing Assets FC FCST_Version: Working Bu Budget_Version: Baseline

ADH01-001 : Chairman ADH01 - 01 : Abu Dhabi

	Forecast	2016-17 Budget				
	Working	Baseline				
	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal
504010101 Depreciation - Buildings						
504010201 Depreciation - Leasehold Improvements						
504010301 Depreciation - Furniture and Fixtures						
504010401 Depreciation - Office Equipment						
504010501 Depreciation - Telecommunication Equipment						
504010601 Depreciation - Computer Hardware						
504010701 Depreciation - Computer Software						
504010801 Depreciation - Machinery and Equipment						
504010901 Depreciation - Kitchen Tools and Equipment						
504011001 Depreciation - Recreation Equipment						
504011101 Depreciation - Motor Vehicle						
504011201 Depreciation - Lab Equipment						
504011301 Depreciation - Library Books						
504020101 Amortization - Pre-operating Expenses						
504020201 Amortization - Software and Licenses						
504020301 Amortization Expense ERP						
504030102 Dep - BISAD						
504030103 Dep - C40 Building						
504030104 Dep - Musaffah Warehouse						
504030105 Dep - Improvement Bisad						
504030106 Dep - Improvement C40						
504030110 Dep - Investment in Khawarizmi Bldg						

Including projected depreciation for future years extracted from ERP

Capital Expenditure Model Screenshots

- New Asset Request form

New Asset Request ⓘ

ADH01 - 01 : Abu Dhabi ADH01-001 Chairmar

2016-17 Budget

Baseline

2016/17

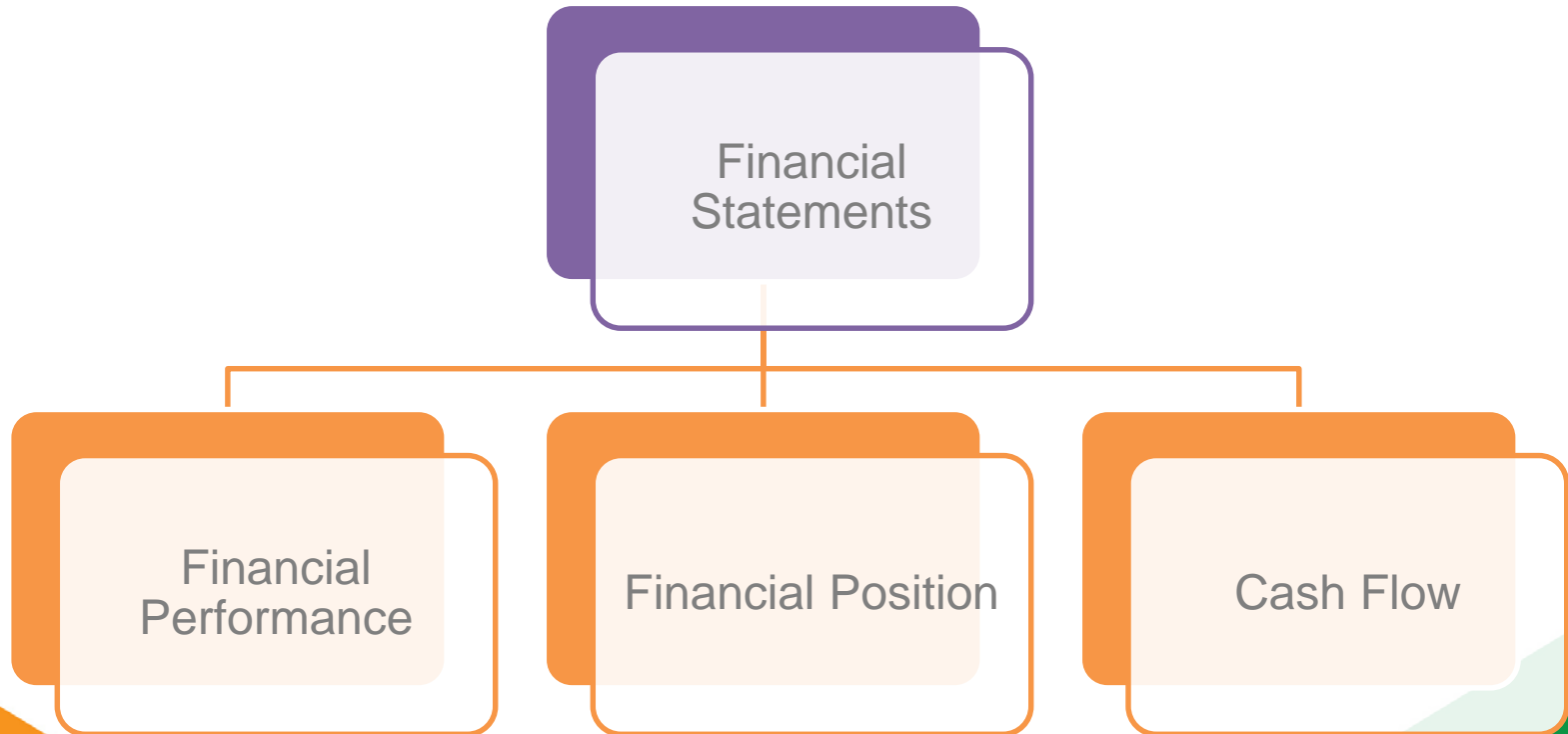
Asset Description	Asset QTY	Cost Per Unit	UOM	Purchase Month	In Service Month	Justification	Asset Value	Adjustment	Adjusted Asset
WIRELESS DEVICE									
Asset Request 01 "wireless device"	12	60	Each	26/07/2017	26/07/2017	test	720		720
Asset Request 02 sd	2	60	Each	1/09/2016	24/09/2016	as	120		120

Actions Save Refresh Close

Including new assets required for future year based on standard budget items and asset categories

Financials Model

- Financials Model
 - ✓ Generated based on all operational models inputs and covers financial performance, financial position and cash flow statement



Financials Model Screenshots

- Financial Performance form

Aggregated Financial Performance ⓘ

Analytics: Data Input | Project/Activity/Program: Total Project/Activity/Program | Detail: Detail Total | Actual_Version: ERP | FCST_Version: Working | Budget_Version: Baseline | Entity: ADH01-001 : Chairman's Office | Operating Unit: ADH01 - 01 : Abu Dhabi

Actions: Save Refresh Close | Data Ad hoc Format

	Actual	Actual	Actual	Forecast	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget			
	ERP	ERP	ERP	Working	Baseline	Baseline	Baseline	Baseline	Baseline			
	2013/14	2014/15	2015/16	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21			
	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal			
401 Tuition and Fees												
402 Sales and Services												
Rental Revenue			0									
404 Investment Income												
Sponsored Projects, Contributions and Grants												
Other Revenue			-669,339									
Revenues			-669,339									
501 Salaries and Benefits			752,713	393,747								
502 Financial Aid, Scholarships and Discounts												
503 Supplies and Services			6,602,550									
504 Depreciation and Amortization					48	168	168					
505 Provisions												
506 Grants and Donations												
507 Financial Charges			25									
508 Penalties												
5 Expenses			7,028,009	393,747	48	168	168					
Net Income			-7,697,348	-393,747	-48	-168	-168					

Financial Performance
Generated based on all
operational models inputs

Financials Model Screenshots

- Financial Position Movements form

Aggregated Financial Position...

Project/Activity/Program: Total Project/Activity/Program
Detail: Detail Total
Actual_Version: ERP
FCST_Version: Working
Budget_Version: Baseline
Operating Unit: ADU01 - Operating Unit
Entity: ADU01-602 : Student Affairs

		Actual	Actual	Actual	Forecast	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget
		ERP	ERP	ERP	Working	Baseline	Baseline	Baseline	Baseline	Baseline
		2013/14	2014/15	2015/16	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21
		YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal	YearTotal
Current Assets	Beginning Balance	0	30,000	30,000						
	Additions		30,000							
	Deductions									
	Ending Balance	0	60,000	30,000						
Non Current Assets	Beginning Balance									
	Additions									
	Deductions									
	Ending Balance									
Assets	Ending Balance	0	60,000	30,000						
Current Liabilities	Ending Balance	0	139,893	585,628						
Non Current Liabilities	Ending Balance	0	0	65,438						
Liabilities	Ending Balance	0	139,893	651,067						
Capital	Ending Balance									
Retained Earnings	Ending Balance									
Reserves	Ending Balance									
Equity	Ending Balance									

Including Financial
Position accounts
movements

Financials Model Screenshots

■ Cash Flow Statement form

Cash Flow Statement

Save Refresh Actions Complete Previous Next Close

Project/Activity/Program	Detail	Analytics	Actual_Version	FCST_Version	Budget_Version	Entity	Operating Unit							
Total Project/Activity/Program	Detail Total	Data Input	ERP	Working	Baseline	ADU01-00 : ADU General	ADH01 - 01 : Abu Dhabi							
			Actual	Actual	Actual	Actual	Forecast	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	2016-17 Budget	
			ERP	ERP	ERP	ERP	Working	Baseline	Baseline	Baseline	Baseline	Baseline	Baseline	
			2012/13	2013/14	2014/15	2015/16	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21		
			Year Total	Year Total	Year Total	Year Total	Year Total	Year Total	Year Total	Year Total	Year Total	Year Total	Year Total	
Net Income (Loss) For The Period														
Depreciation Fixed Assets														
Unrealized Gain Or (Loss) On Investment														
Gain Or (Loss) On Sale Of Asset														
Provision For Employees End-Of-Service Benefits														
Provision For Employees Leave Pay														
Provision For Employees Air Ticket														
Provision For Pension														
Finance Costs														
Adjustments For														
Operating Income (Loss) Before Working Capital Changes														
Decrease or (Increase) In Accounts Receivable														
Decrease or (Increase) In Inventories														
Decrease or (Increase) In Prepaid And Other Assets														
Decrease or (Increase) In Notes Receivable														
Decrease or (Increase) In Net Receivables From Intercompany														
Decrease or (Increase) In Deferred Expense														
Increase Or (Decrease) In Accounts Payable														
Increase Or (Decrease) In Accrued Expense														

shows how changes in balance sheet accounts and income affect cash

Financials Model Screenshots

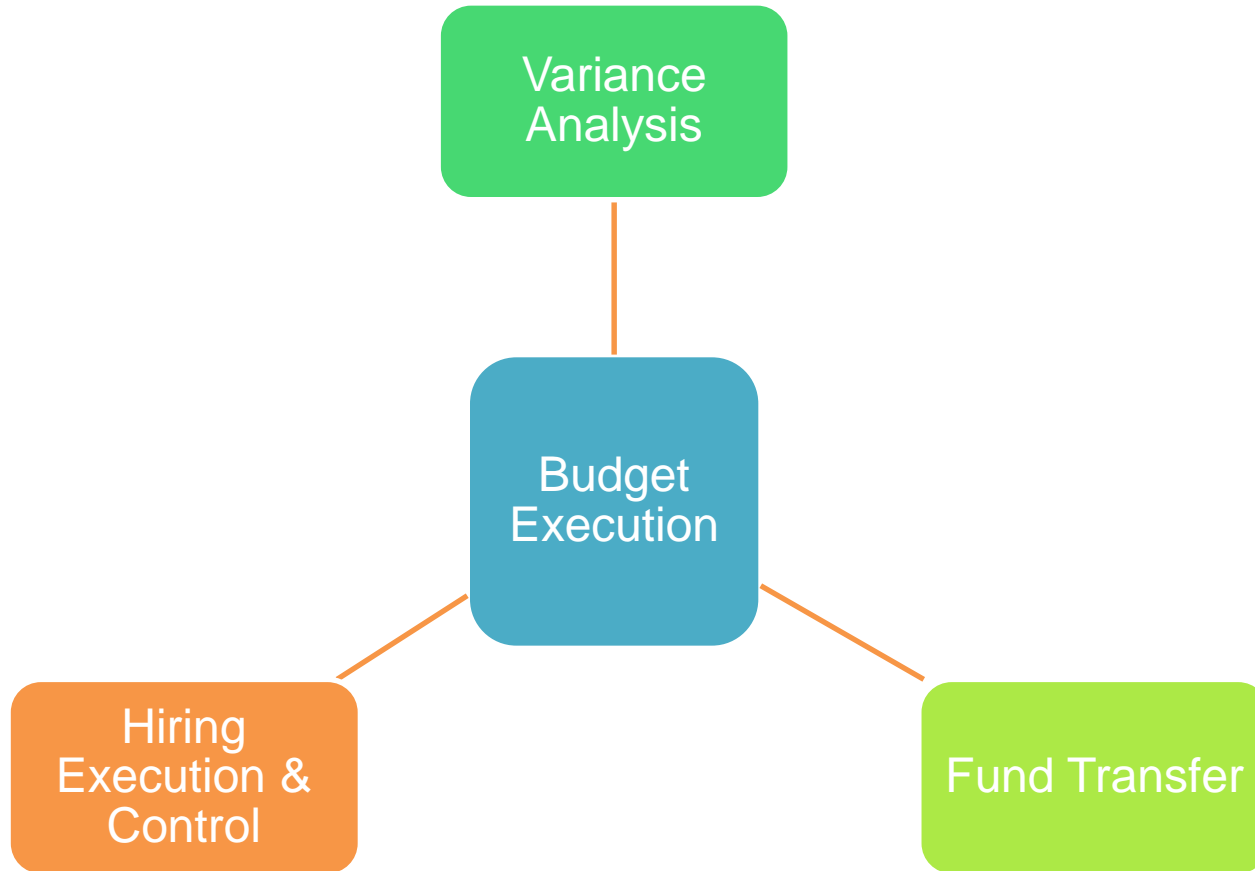
■ Comparative Net Income



Budget 2014/15

Actual 2014/15

Budget Execution Model



Budget Execution Model

- Financial Performance Variance Analysis
 - Comparing actual with budget on monthly and YTD basis
- Fund Transfer Report
 - Controlling Fund transfer between accounts on YTD basis
- Hiring Execution and Control
 - Controlling the hiring execution according to budget on grade base.

Budget Execution Model Screenshots

Financial Performance Variance Analysis

Financial Performance Variance Analysis										Save		Refresh		Actions		Complete		Previous		Next		Close	
Analytics		Project/Activity/Program		Detail		Entity		Operating Unit								Data		Ad hoc		Format			
Data Input		Total Project/Activity/Program		Detail Total		ADH01-001 : Chairman's Office		ADH01 - 01 : Abu Dhabi															
						2015-16 Budget		Actual		Variance		Variance %		2015-16 Budget		Actual		Variance		Variance %			
						Approved		ERP		ERP		ERP		Approved		ERP		ERP		ERP			
						2015/16		2015/16		2015/16		2015/16		2015/16		2015/16		2015/16		2015/16			
						Feb		Feb		Feb		Feb		YTD		YTD		YTD		YTD			
401 Tuition and Fees																							
402 Sales and Services																							
403 Rental Revenue																							
404 Investment Income																							
405 Sponsored Projects, Contributions and Grants																							
406 Other Revenue								-60,849		365,094						-365,094		365,094					
4 Revenues								-60,849		365,094						-365,094		365,094					
501 Salaries and Benefits								69,419		-310,517						310,517		-310,517					
502 Financial Aid, Scholarships and Discounts																							
503 Supplies and Services								607,020		-3,948,385						3,948,385		-607,020					
504 Depreciation and Amortization																							
505 Provisions																							
506 Grants and Donations																							
507 Financial Charges										-25													
508 Penalties																							
5 Expenses								676,439		-4,258,927						4,258,927		-676,439					
Net Income								-737,288		4,624,021						-4,624,021		737,288					

Comparing Revenue and Expenses actual with budget on monthly and YTD basis to support variance analysis

Comparing Revenue and Expenses actual with budget on monthly and YTD basis to support variance analysis

Budget Execution Model Screenshots

Fund Transfer Report

Fund Transfer Report

Save Refresh Actions

Complete Previous Next Close

Project/Activity/Program	Detail	Entry	Operating Unit																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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Controlling Fund transfer
between Budgeted
accounts on YTD basis

Budget Execution Model Screenshots

■ Hiring Execution and Control form

Hiring Execution and Control

Project/Activity/Program: ADH01-001 Chairman's Office ADH01 - 01 Abu Dhabi

Entity: ADH01-001 Chairman's Office Operating Unit: ADH01 - 01 Abu Dhabi

Buttons: Save, Refresh, Actions, Complete, Previous, Next, Close

Buttons: Data, Ad hoc, Format

2015-16 Budget				Actual				Variance			
Approved				ERP				ERP			
2015/16				2015/16				2015/16			
YearTotal				YTD				YTD			
Existing Staff	Vacant Position	New Position	Staff Total	Existing Staff	Vacant Position	New Position	Staff Total	Existing Staff	Vacant Position	New Position	Staff Total
Total Headcount											
	Professor										
	Assistant Professor										
	Associate / Sr. Lecturer										
	Assistant / lecturer										
	Senior Instructor										
	Instructor										
Total Headcount											
	A.16 Executive Leadership										
	A.15 Executive Leadership										
	A.14 Executive Leadership										
	A.13 Executive Leadership										
	B.14 Senior Management										
	B.13 Senior Management										
	B.12 Senior Management										
	B.11 Senior Management										
	C.11 Management										
	C.10 Management										
	C.09 Management										
	D.09 Professionals and Specialists										

Controlling hiring execution during the budget execution period in comparison with the approved budget

Planning and Budgeting Workflow



VC & Executive Committee

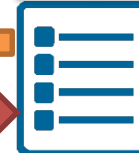
- Review aggregated budget
- Build design to decide models
- Approve budget to execute



Master Budget



Master Budget



ADU Deans and Directors

- Submit Operational Plans like Program Revenue, Human Capital, Capital Expenditure...etc

Budgeting Manager

- Review Operational Plans
- Enter overhead budget (if any)
- Produce Financial Plans

Finance Director

- Review Operational and Financial Plans
- Create Ad-hoc Analysis, review reports
- Create what if Scenarios

Financial and Narrative Reporting (EPRCS)

- Combining data plus narrative in a single, secure, collaborative environment
- Manage the Life Cycle of your reports

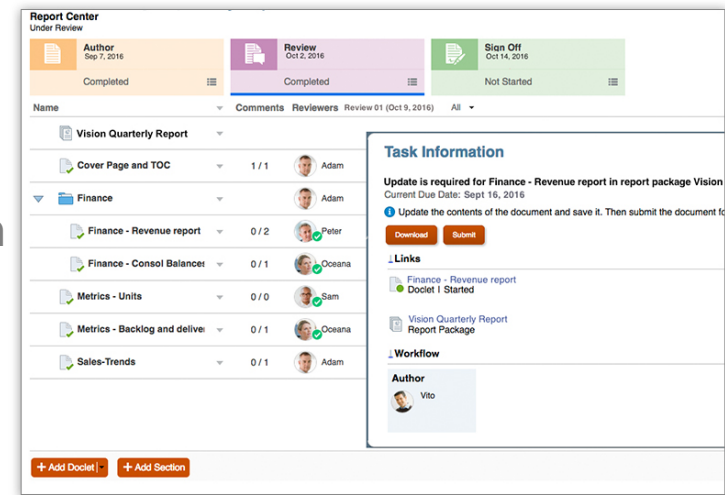


Author Phase

Review phase

Sign Off Phase

- Enable the university to streamline internal and external reporting processes
- Updating reports became easy process through sections and doclets
- Using Smart view with reporting package



Project Outcome

Reduced effort and time of the annual budgeting cycle by more than 70%

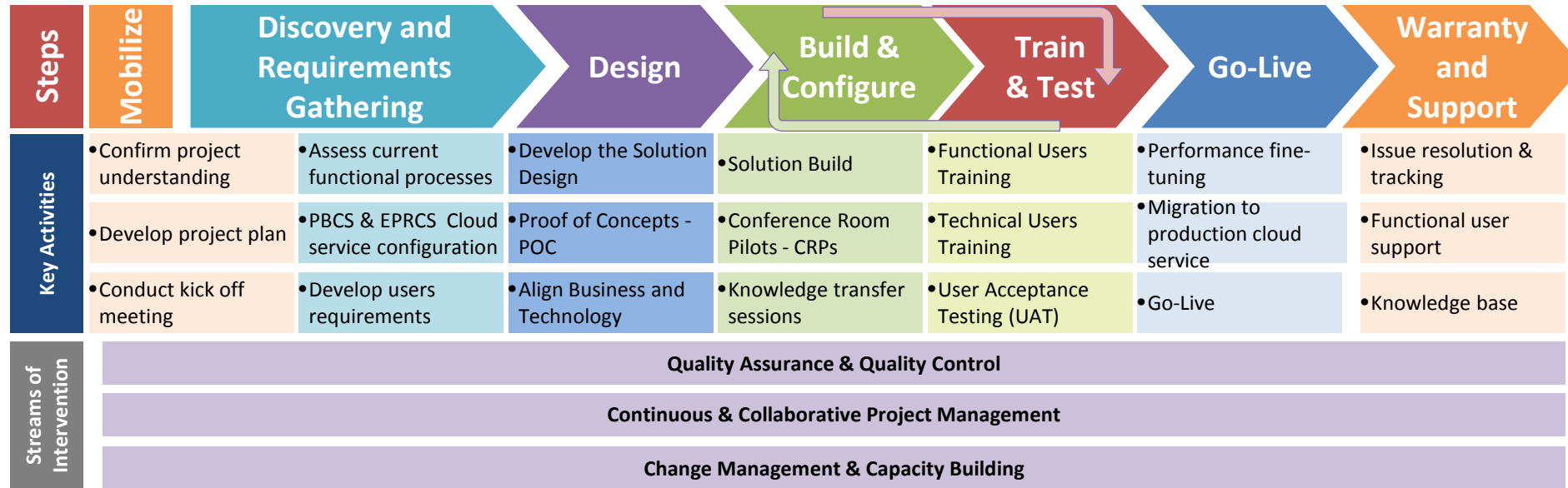
Reduced effort and time of the monthly and quarterly reporting by more than 50%

Improved forecast reliability and enable rolling forecast

Alignment of execution to plans and enabling continual management and control of budgets

Reduced complexity in infrastructure through using cloud based services

Azdan Implementation Method



 Gold Partner
 Cloud Standard

Critical Success Factors





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