# Budget Control for Governments

# OCA Days Online 2021

Ecosoft, @kittiu October 28th, 2021







## What is Budgeting?

- Budgeting is the process of creating a plan to spend your money.
- Plan called Budget. And the spending is called Actuals
- The Budget vs Actuals, let's user see overall performance which can help them take action correctly.





## Why another budgeting modules?

- Our 1st government customer
- Was using SAP for budgeting
- Odoo has nothing for real budgeting
- Done in Odoo v8 but too specific



- Repeating our knowledge
- Full support to make it for OCA
- Odoo v14



## Thank you!





# What is Budgeting Life Cycle?

Enterprise Level
Strategic Planning

Budgeting proposals and approval

• Enterprise level, budget allocation

Unit / Project Level Detailed Planning (And Revision)

Budget detail plan by KPI, by time period

Budget control sheet

**Budget Execution** 

Budget consumption on documents

Budget monitoring and locking

Budget transfer between units / projects

**Budget Year End Closing** 

Budget commitment carry forward

Budget balance carry forward

Note: Budgeting cycle, can be very varied by organizations





## budget\_control in a nutshell

- A new set of OCA modules, target to complete budget life cycle
- Leverage mis\_builder\_budget (Stephane, ACSONE) as its core engine, for budgeting figures
- Add many features, to shield mis\_builder, and make it <u>Easier to Use</u>
  - Budget Period
  - Budget Plan / Breakdown
  - Budget Control Sheet
  - Budget Transfer
  - Budget Revision
  - Budget Locking by Documents, i.e., PR, PO, EX, INV
  - Budget Monitoring
  - Budget Year End Closing
    - Commitment carry forward
    - Budget balance carry forward
- And more...





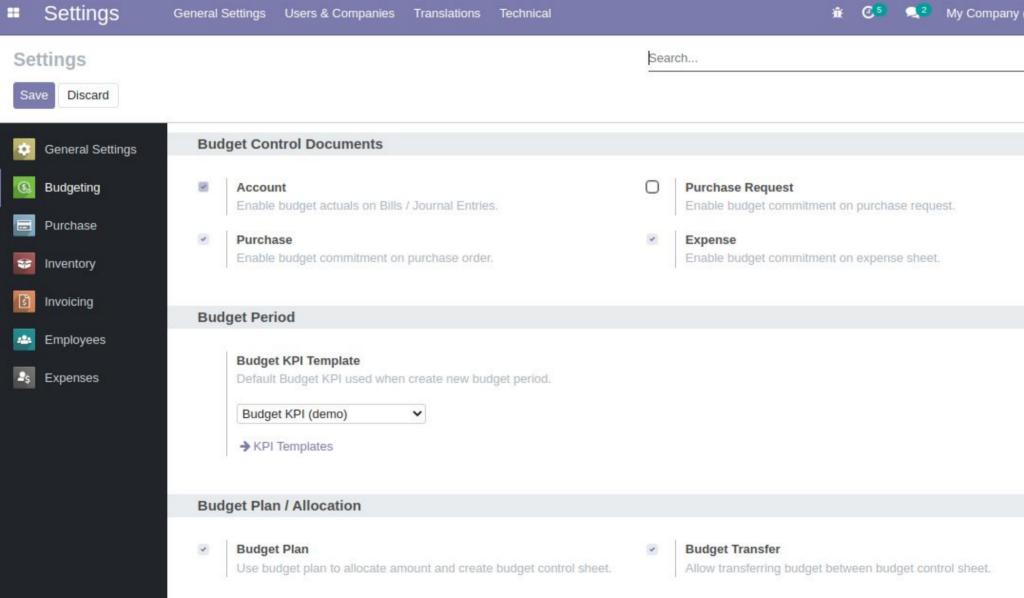
## Demo - full budget cycle

- Company-A want to track its budgeting for period 2021
  - Department Administrative (budgeted @ 10,000 USD)
  - Project Asustek (budgeted @ 20,000 USD)
- Prepare a KPI are based on a mis\_builder budget KPI (demo)
  - 600000 Expense
  - 611000 Purchase of Equipment
  - 612000 Rent
- Start with Enterprise level, budget plan allocation
- Consume budget in transaction, i.e., purchase, expense, billing
- Review budget monitoring reports
- Budget Transfer between 2 projects
- Year End Closing, 2021 -> 2022
  - Budget commitment carry forward
  - Budget balance carry forward

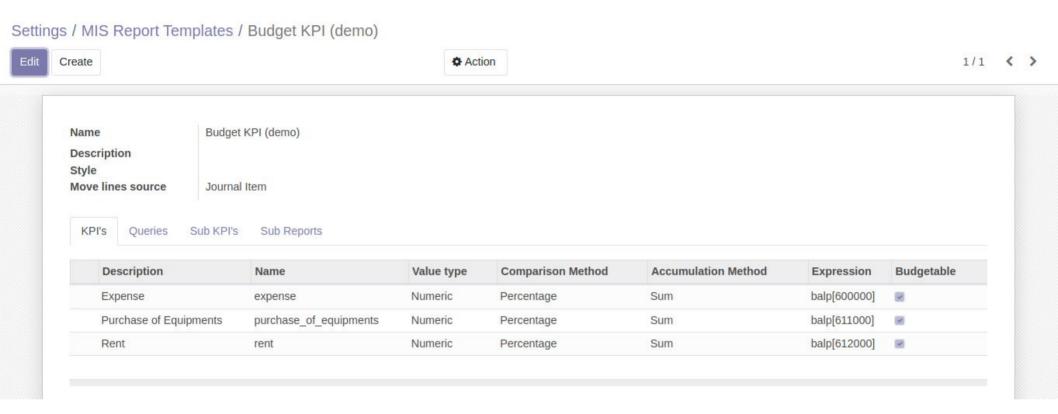




## **Basic Configuration**



## MIS Report Template as Budget KPI

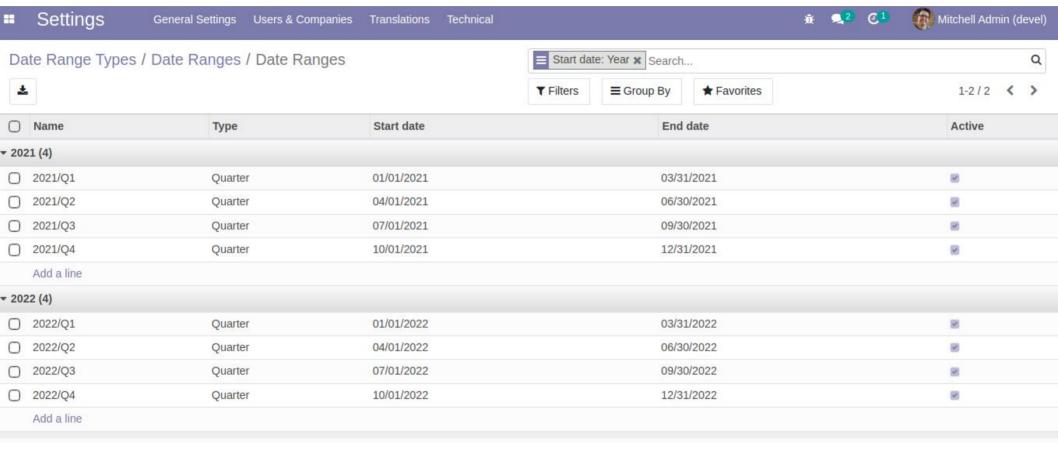


 Each company / budget period, a KPI (mis report template), will be used as the mean to calculate budget figure on each budget year.





## Prepare Date Range: 2021, 2022

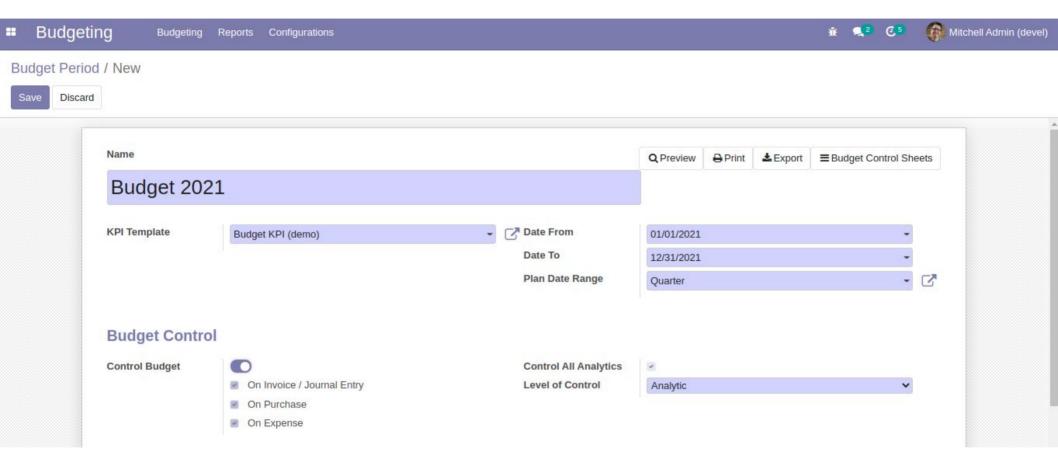


- Later on, a Budget Period will be set.
- And Date Ranges are required as to how budget period will be distribute, i.e., monthly, quarterly.





## Prepare Budget Period: 2021, 2022

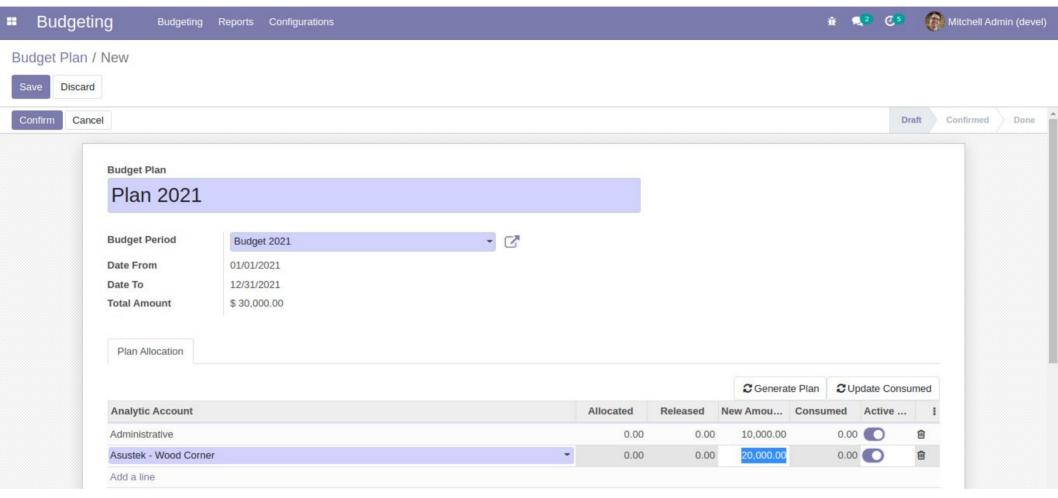


- Budget Period is center point of control, enable / disable budget lock
- Set which Analytic Account will be controlled
- Set level of control, by 1) Analytic 2) Analytic / KPI





## Budget Plan 2021, allocate budget

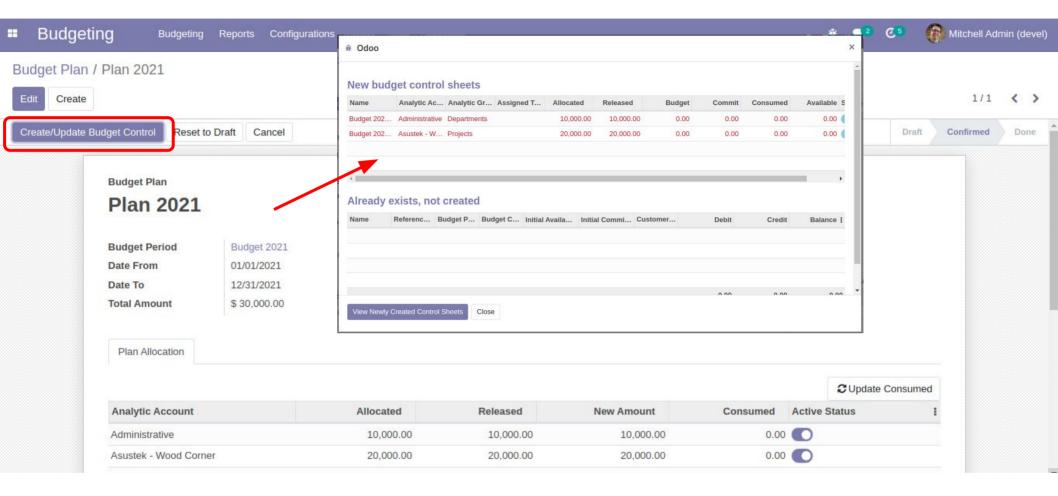


- After planning / discussion and came up with budget figure.
- Budget Plan is the 1st place to allocate amount to all projects/departments.





## **Create Budget Control Sheets**

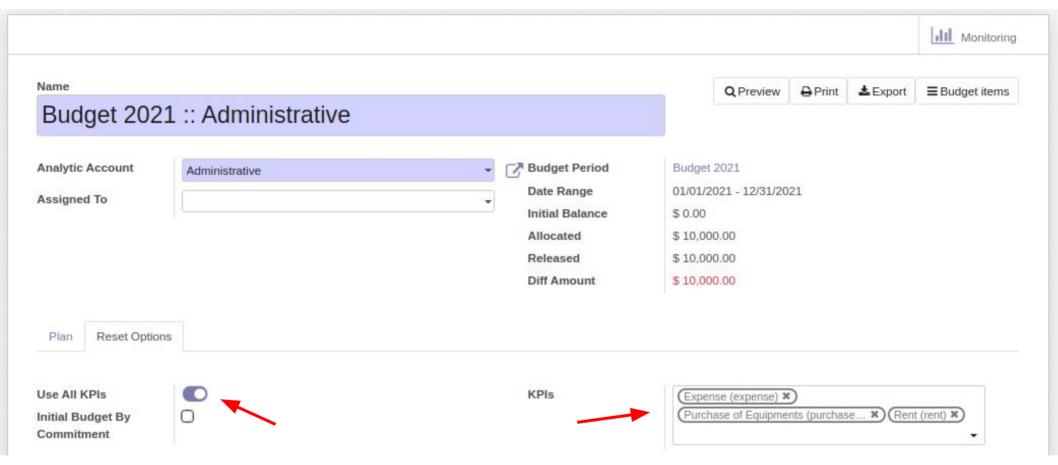


- Create new Budget Control Sheet for each project/department for 2021
- Or update budget released amount if already exists.





## Detailed Plan on Budget Control Sheet

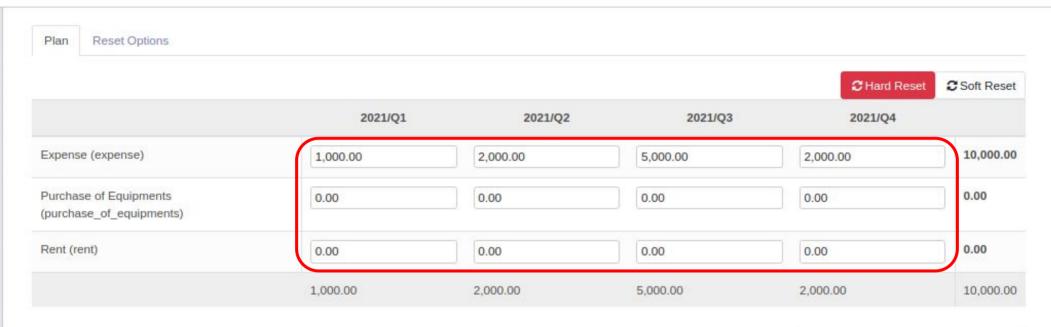


For each Budget Control Sheet, select required KPI





# Detailed Plan on Budget Control Sheet



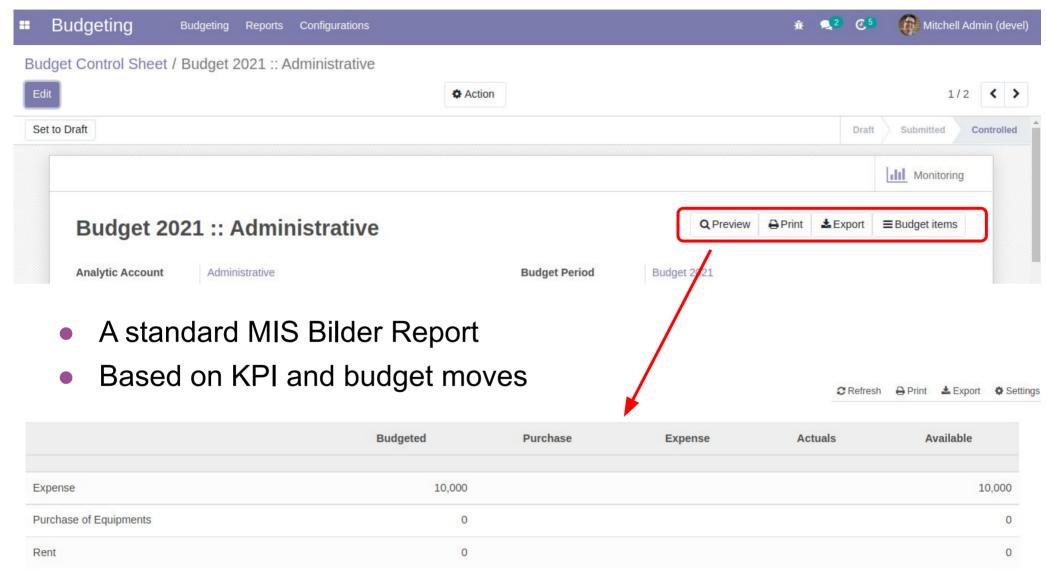
- Click "Hard Reset" to create budget plan line.
- Here, allocate amount to each KPI / Quarter equal to allocated amount in order to start controlling budget







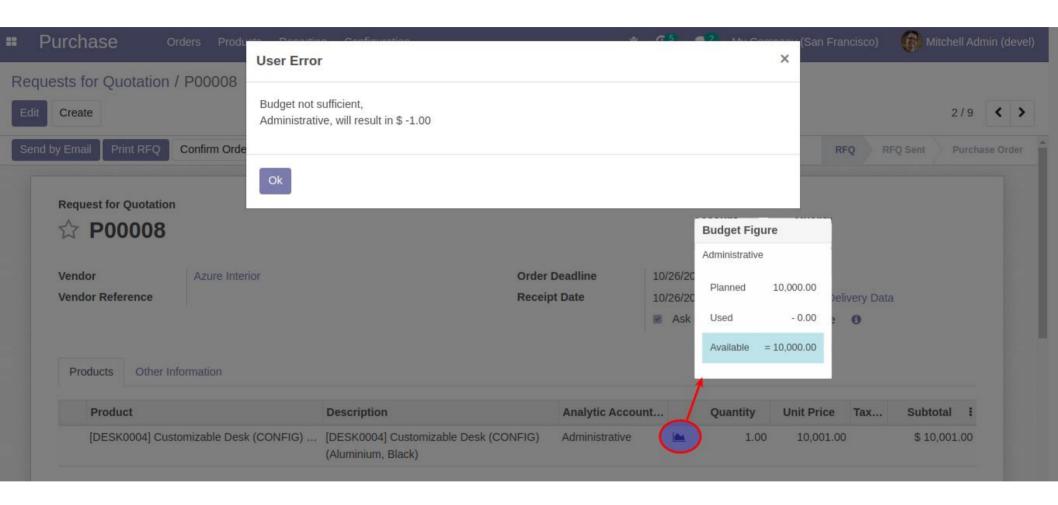
## **Budget Control Sheet / MIS Report**







## Check budget on every move!



- Every document transaction support budget check.
- PR / PO / EX / BILL

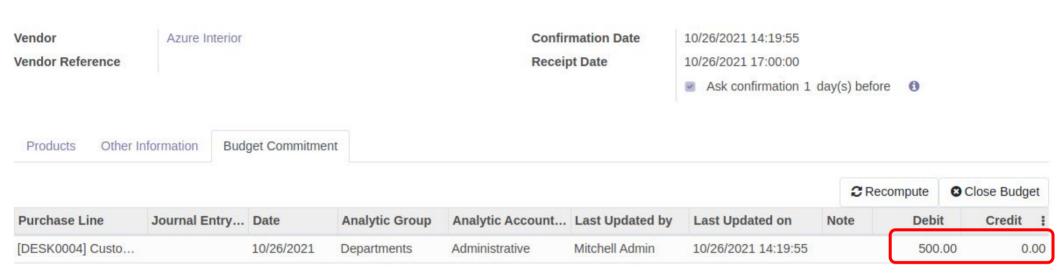




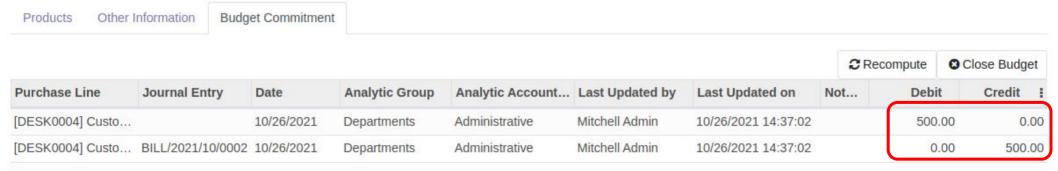
## Consume budget on Purchase > Bill

Purchase Order





- Every document confirm can trigger a budget commitment.
- Budget commit on purchase order moved to budget actuals on vendor bill.

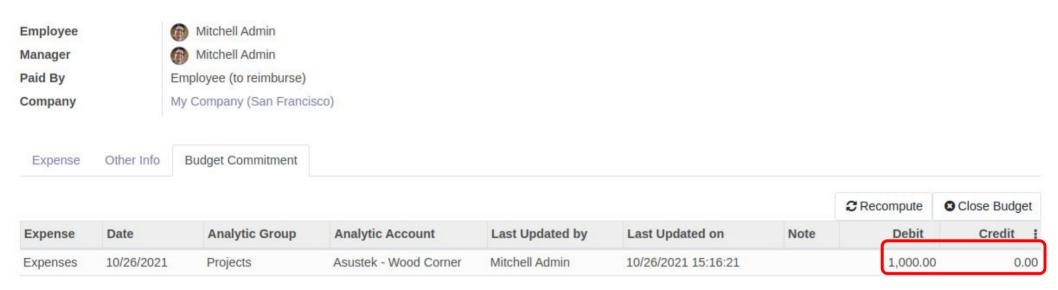






## Consume budget on Expense > Bill

#### **Expenses**

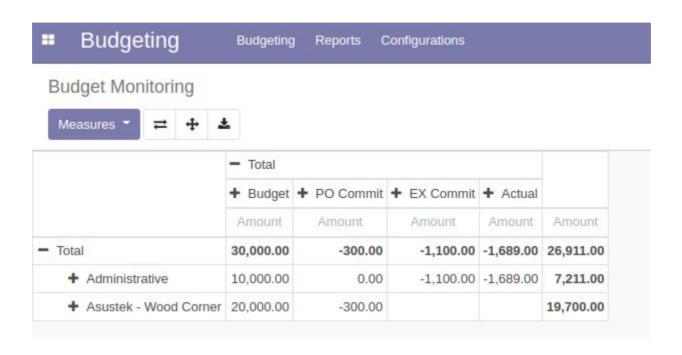


Budget commit on expense moved to budget actuals on post journal





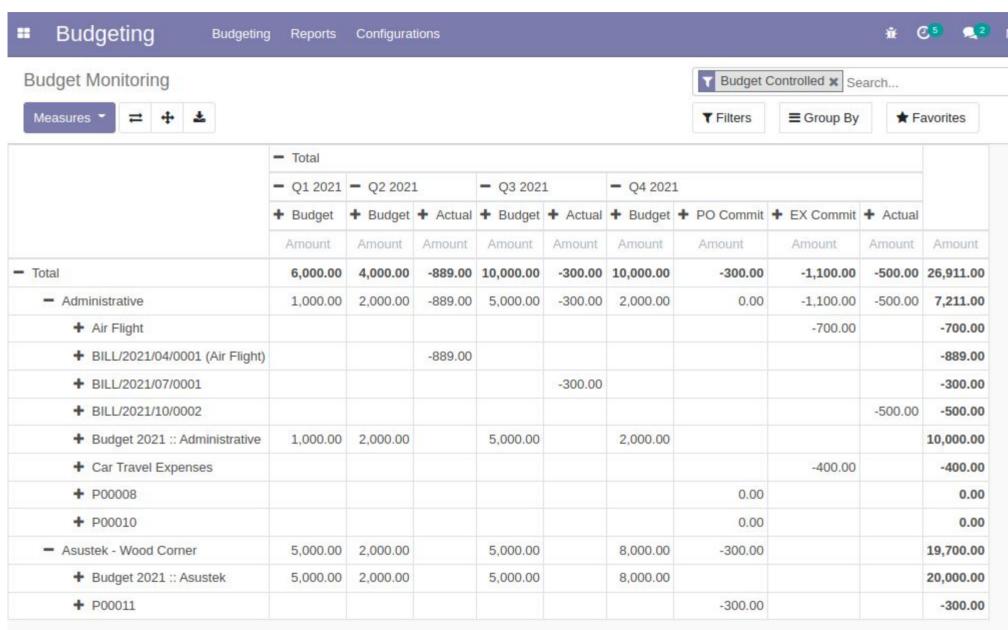




- The main idea is about tracking every budgeting details.
- So, user can benefit from the extended budget monitor reports.

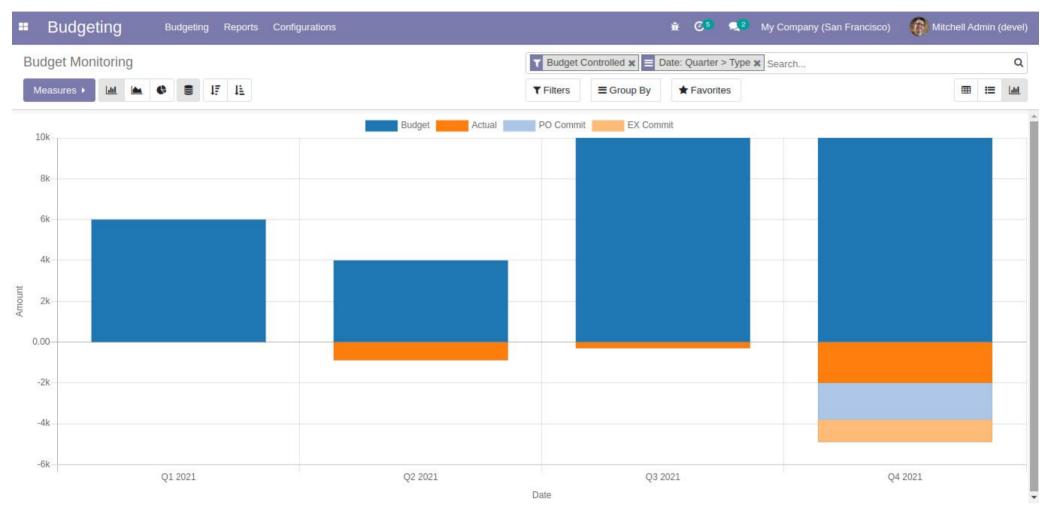










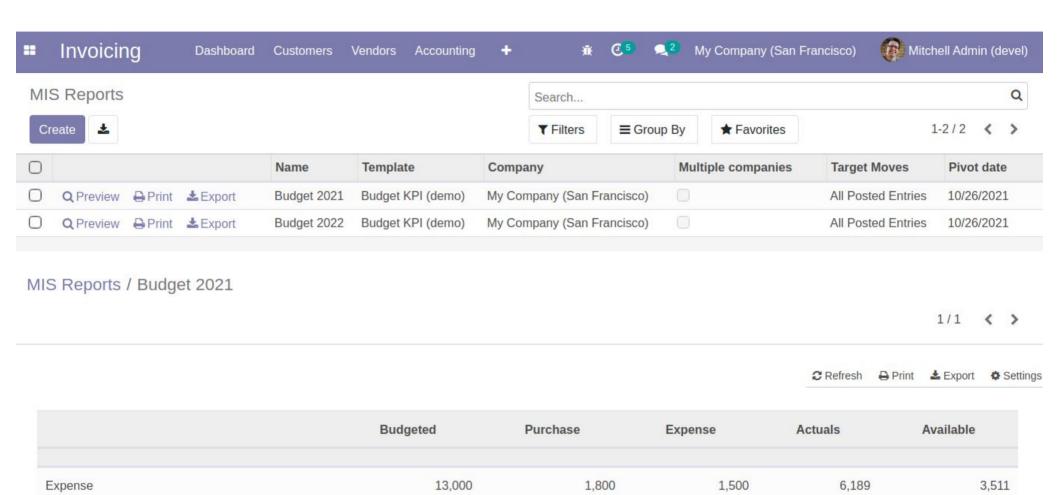


Budget Planning VS Budget Consumption BY Quarter





## MIS Builder Report





Rent

Purchase of Equipments



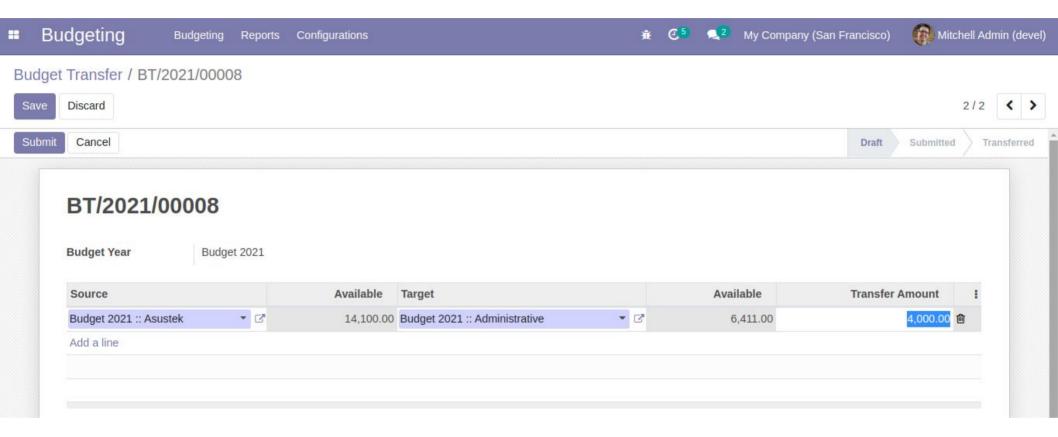
10,000

7,000

10,000

7,000

## Transfer Budget between Projects



- Transfer of budget allowed between budget sheet
- Both budget control sheet must be set to "Draft" prior to the transfer
- After transfer, new released amount is set to budget sheet





Measures '

## **Year End Closing**



Year End Closing is all about,

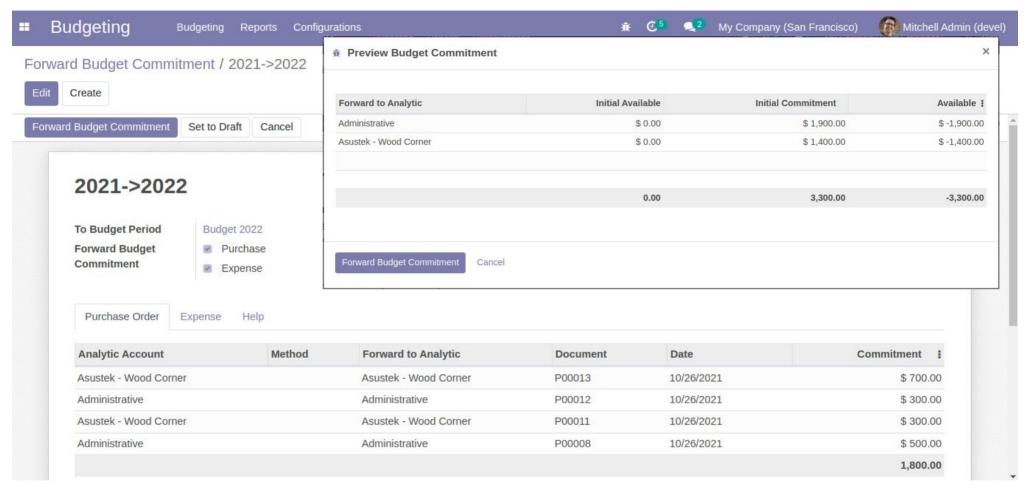
- Moving budget commitment to new year
- 2. Moving current balance as initial amount to new year

#### **Budget Monitoring**





## 1) Forward Budget Commitment

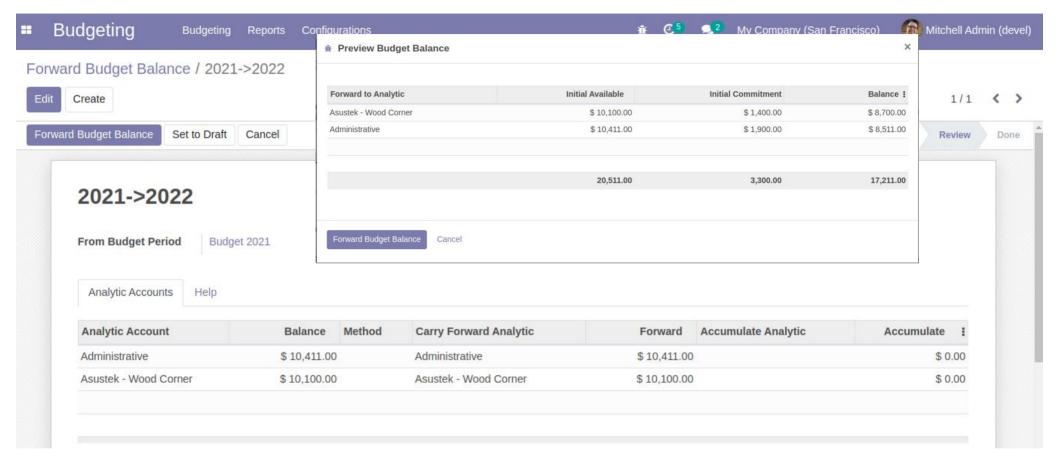


- Retrieve all docs with budget commitment
- Set commitment date to new budget year





# 2) Forward Budget Balance



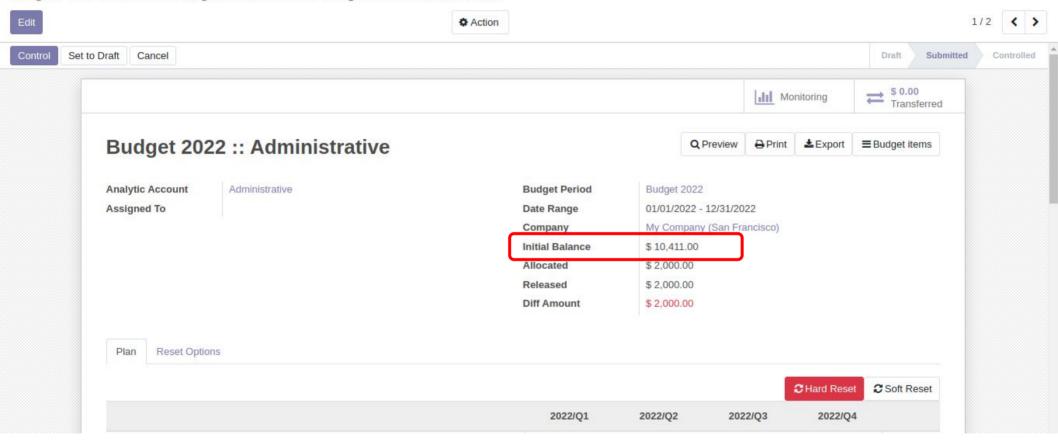
Get current budget balance and set it as initial budget for next year





# 2) Forward Budget Balance

Budget Plan / Plan 2022 / Budget Control Sheet / Budget 2022 :: Administrative







## **Current status of this project**

#### As of 28 Oct 2021

PR for base modules to

https://github.com/OCA/account-budgeting/pull/51

- budget\_control
- budget\_control\_expense
- budget\_control\_purchase
- budget\_control\_purchase\_request
- budget\_plan
- budget\_transfer
- Extended modules, in <a href="https://github.com/ecosoft-odoo/budgeting">https://github.com/ecosoft-odoo/budgeting</a>
  - I.e., Budget Activity, Revisions, Operating Units, Funding Rule, Rolling Amount, etc.





## Thank you!

# Let's make Odoo mightier, together

One app at a time

:)





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