



BANCO CENTRAL
DE LA REPÚBLICA ARGENTINA



Management System for Budgeting, Administrative and Accounting Processes

XVII Meeting on Central Bank Accounting and Budgetary Topics

May 6 - 7 2021



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INTRODUCTION



Objective

To implement the Oracle's PeopleSoft system for an efficient management of the budget, administrative and accounting processes that support the business.

To adopt the best market practices, and to standardize and manage processes in a dynamic manner for the BCRA to fulfill its duties functions efficiently and effectively, and to make informed decisions on a timely basis.



Reasons

1. Integration of processes and consolidation of information.
2. Unification of data and applications/systems, preventing duplicated uploads.
3. Facilitation of end-to-end monitoring of operations.
4. Reduction of time spent on operational tasks by automatically processing repetitive tasks.
5. Minimization of operational risks.

Critical Success Factors

Support from senior management and commitment from user and technical areas

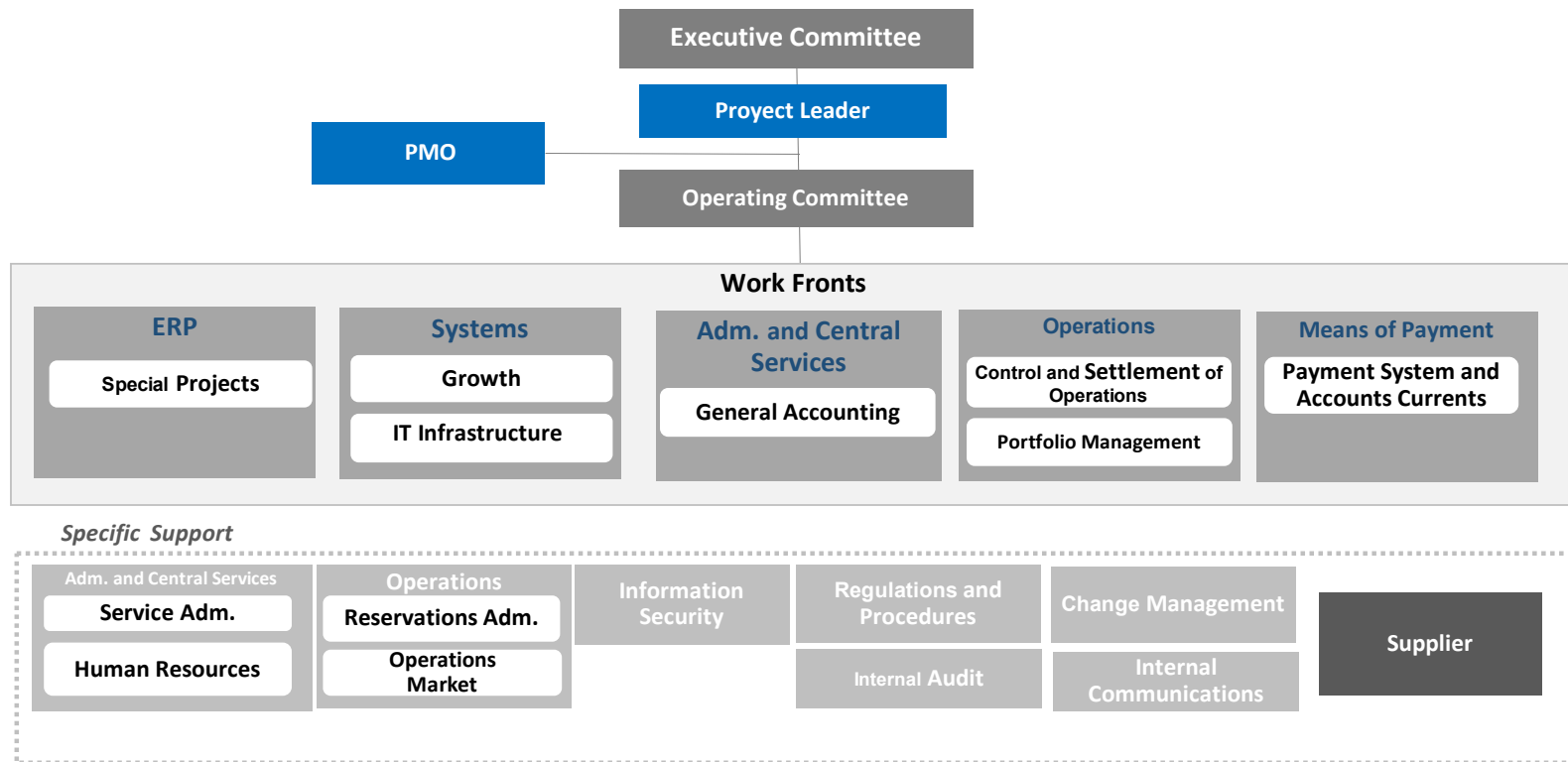
Minimization of non essential adaptations and developments

Active participation of users (requirements, specifications, tests, support)

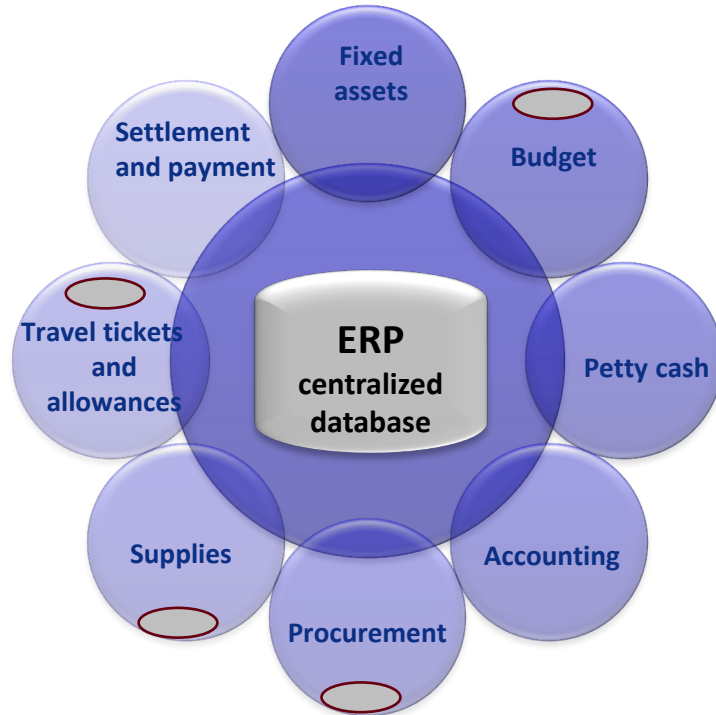
Constant and effective communication

Formal methodology and appropriate planning

Governance Model



Processes Involved



Characteristics Features

- Modular
- Prefabricated as per standards
- Integrated
- Parameterizable
- Secure (roles, permissions)
- Traceability

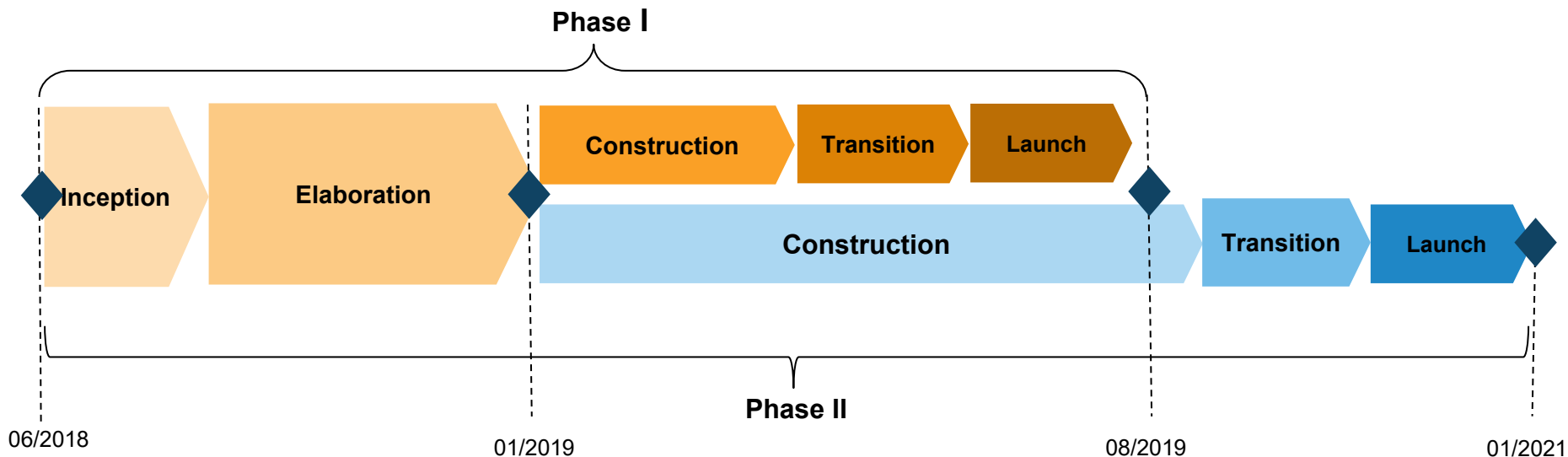
 *Decentralized functionality Included*

Processes and Areas Involved

Id	Process Name	Modules	Process Owner	Decentralized Functionality
1	Domestic official missions	Expenses (EX) - Accounts Payable (AP)	General Services Management Office	Domestic travel request Domestic travel allowance report
2	Foreign official missions	Expenses (EX) - Accounts Payable (AP)	Public Relations and Cultural Heritage Management Office	Foreign travel request Foreign travel allowance report
3	Procurement general system	Purchasing (PO) - eProcurement (ePro) - Strategic Sourcing (SS) – eSupplier	Procurement Management Office	Purchase request Technical advice Receipt of goods and services
4	Procurement specific system for Training	Purchasing (PO) - eProcurement (ePro)	Human Resources Strategic Planning Management Office	
5	Procurement specific system Communications	Purchasing (PO) - eProcurement (ePro)	Public Relations and Cultural Heritage Management Office	
6	Fixed assets management	Fixed Assets (AM)	Accounting Management Office	
7	Supply of consumer goods and general maintenance materials	Inventory (INV)	General Services Management Office	Office supplies request
8	Settlements and payments	Accounts Payable (AP)	Budget and Settlement Management Office	
9	Petty cash	Expenses (EX)	Budget and Settlement Management Office	Petty Cash Request and Report
10	Accounting	General Ledger (GL)	Accounting Management Office	
11	Budget	Hyperion - Budget Control (KK)	Budget and Settlement Management Office	Annual Procurement Plan formulation - Budget formulation

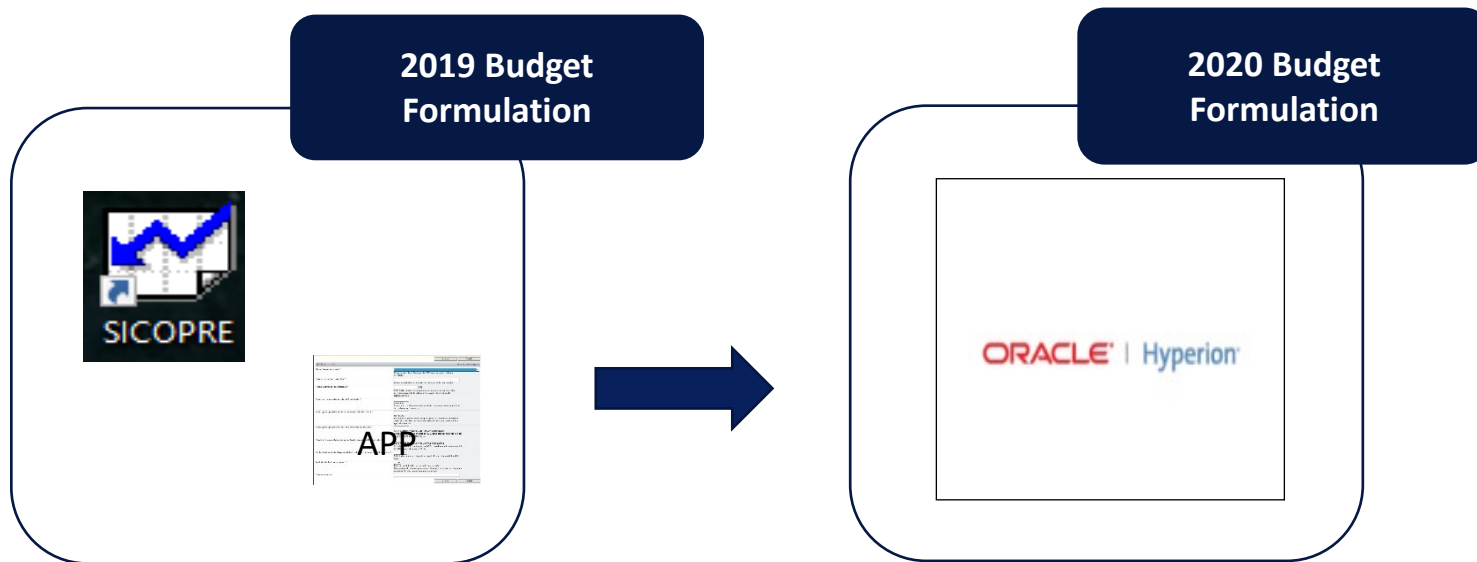
BUDGET PROCESS

Project Phases and Timeline - Budget and Accounting

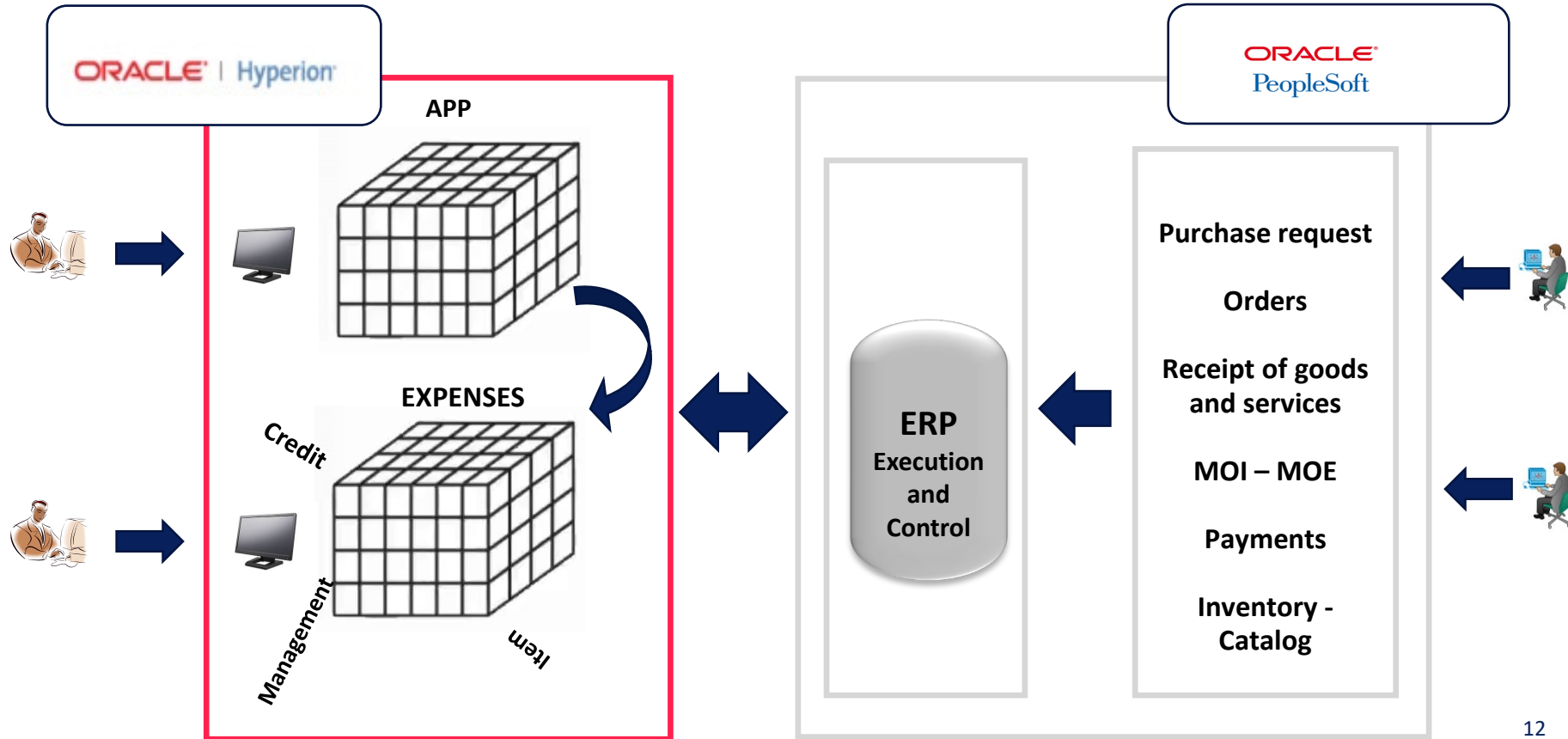


Phase I: it involves the first launch with the implementation of the ERP modules without budget and accounting integration.

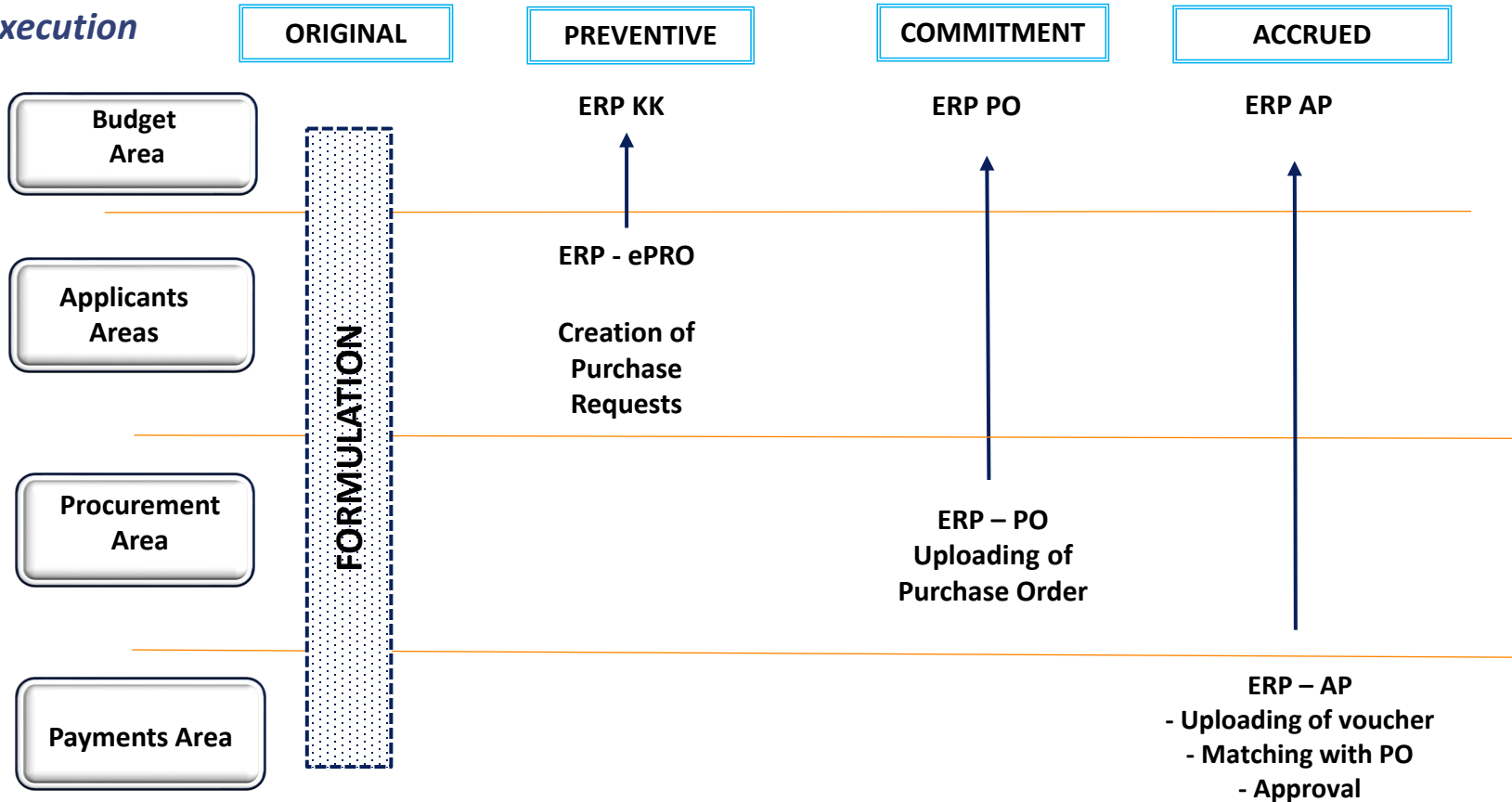
Phase II: Available since January 1, 2021. In this phase, budget and accounting were integrated with the ERP, along with legacy systems.

Budget Formulation: Before and After

The System's update enabled to formulate the 2021 budget in a decentralized and remote manner, despite the pandemic.



Execution



Changes in the formulation and execution of the Budget

Before ERP

After ERP

FORMULATION:

APP: individual, unsystematized and separated from formulation task

Authorization: can be delegated

APP: joint task with expenses formulation

Authorization: leading authority

EXECUTION

Impact: manual uploading

Accounting and Budgeting System: without interface. Duplicated tasks

Impact: automatic

Accounting and Budgeting System: integrated, simultaneous impact

Reports and queries in ERP

Some of the queries are about:

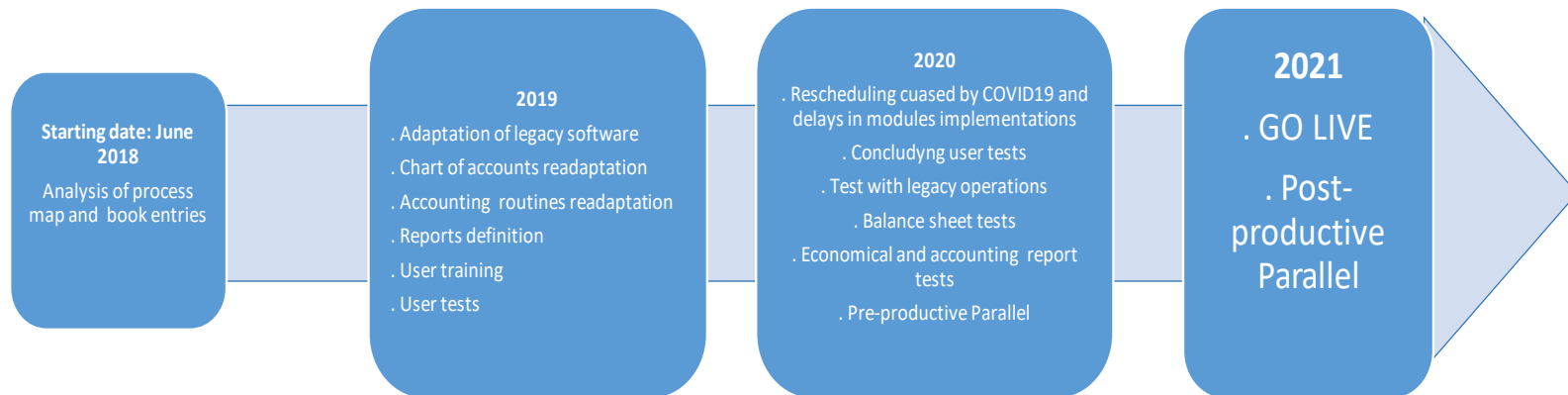
- Approved budget appropriation by area and concept
- Balance and movements
- Purchase requests with or without approved orders
- Purchase requests and receipts
- Vouchers
- Book entries by module

Main characteristics of the queries:

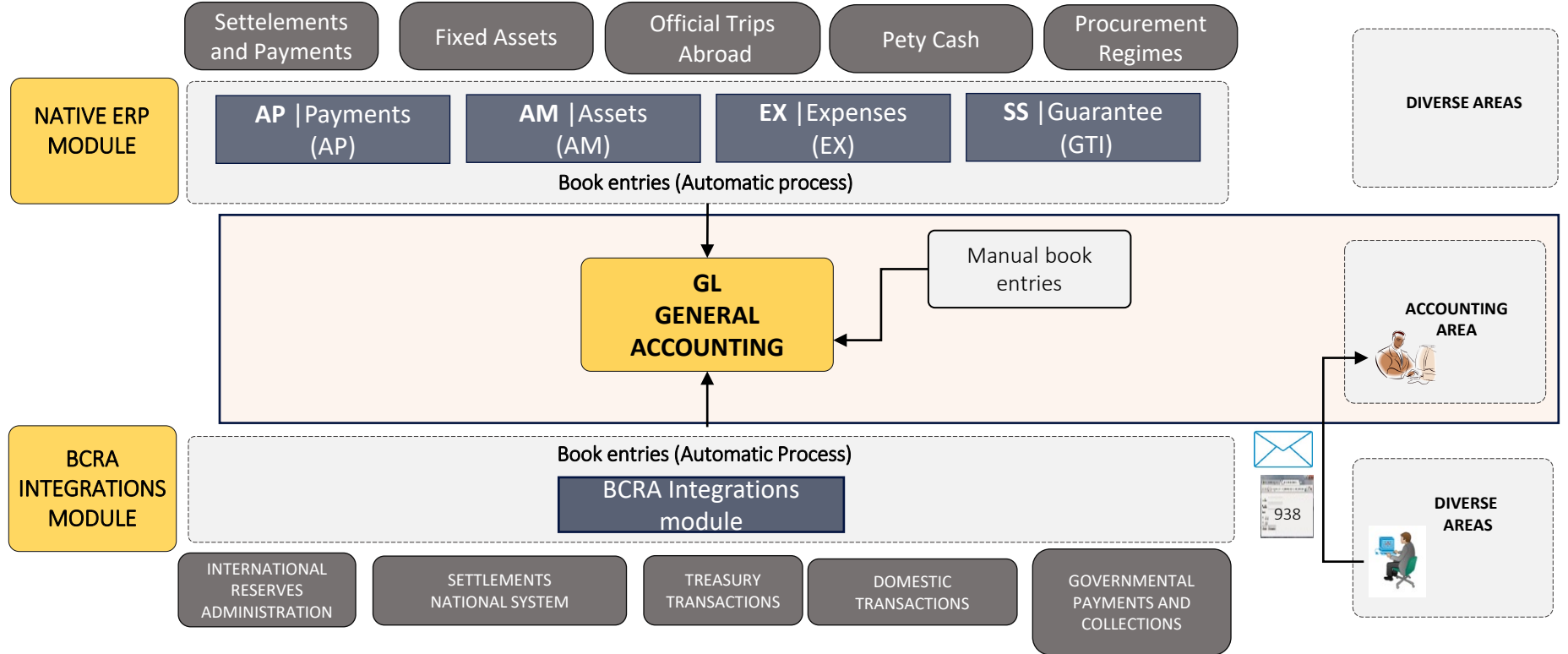
- They are more **specific**
- As a "**comprehensive**" system, it enables information to be shared regardless of the area generating the data: purchase requests, receipts, vouchers, among others, can be accessed from the budget module
- The "**traceability**" of transactions enables following the course of a procedure at all times

ACCOUNTING PROCESS

Implementation Process



ERP BUSINESS PROCESSES



BUSINESS PROCESS OUTSIDE ERP (LEGACIES)

COVID CONTINGENCY – Since April 2020 all the staff engaged in this Project has been working remotely

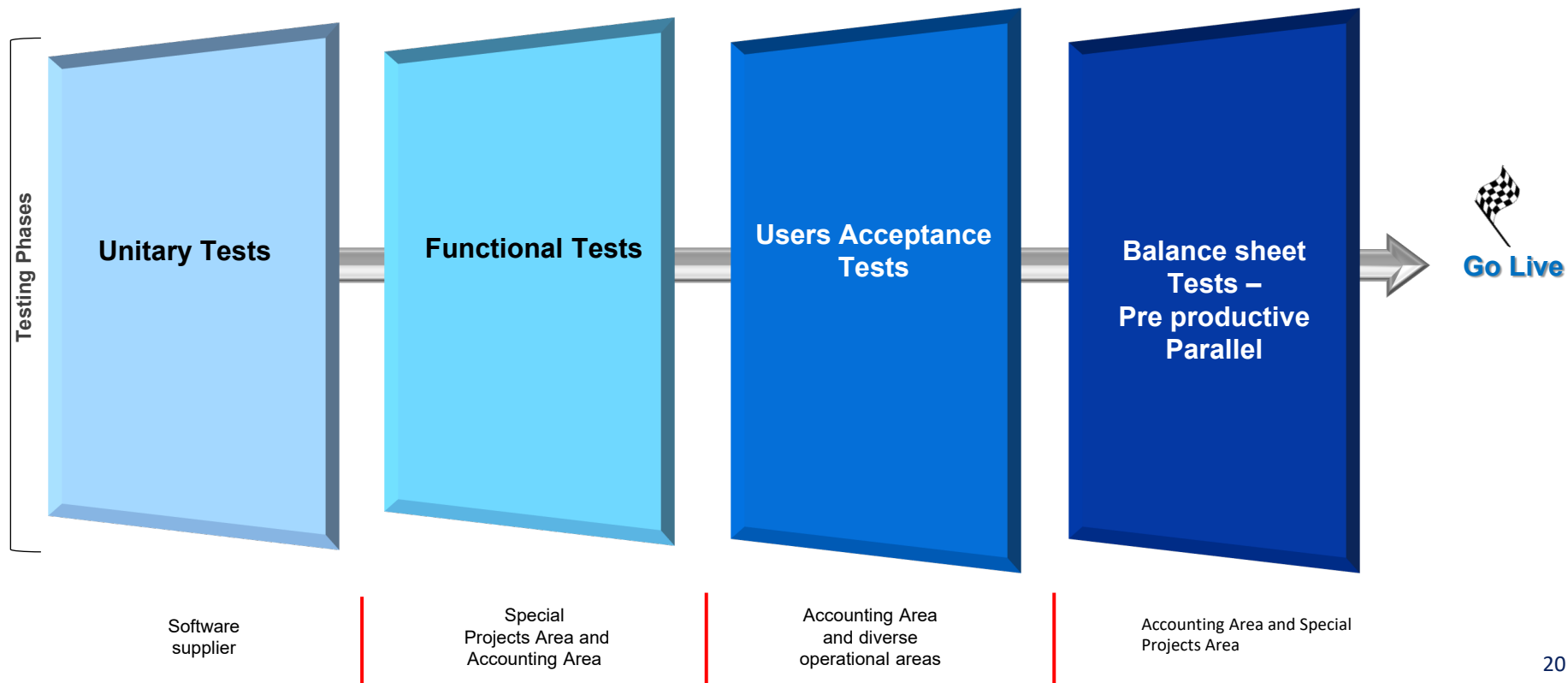


1. Before COVID-19 :

- The project—expected to be launched on January 4th, 2020—, was critically delayed due to Reconciliations and Revaluations Gaps. This affected the progress of related tasks, such as ERP Reports/Datawarehouse, users tests and balance sheet tests.
- Members of the accounting area got involved in the Budget module for its launch

2. During COVID-19:

- Concluded Functional and Unitary Tests (both with delay)
- Concluded Users Tests
- Tested Revaluations, Reconciliations and Reports Gaps in Datawarehouse and in ERP
- Tested daily transactions and balance sheet
- Concluded pre- productive parallel – GO LIVE!



ON LINE PARALELL - Step by step – Stages and Activities

Changes after ERP

BEFORE ERP

The accounting system was not integrated with the budget or the inventory

The accounting system was developed in an old-fashioned language which prevented new developments and integrations with legacy systems

The accounting system included data down to the last detail

The accounting system included the management of bank's current accounts

FROM ERP

The accounting system is integrated with the budget system, the fixed asset inventory and other ERP modules

All Legacy Systems could be integrated with ERP for being a world class system

The accounting system provides information on the general ledger account, and the Datawarehouse includes detailed information

A current accounts system was developed

Automated Reporting

ERP Reports	Datawarehouse Reports
Annual Balance sheet with tables and annexes	International Reserves Position
Daily and weekly Balance sheets	Advance on daily information related to changes in international reserves and monetary base
Daily and weekly Income statements	Daily equity changes by item
Cash Flow statement	Assets and liabilities in foreign currency
	Position by counterparty
	Account statements
	Inventory

Thank you !



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