

Migrating to a container-based Cloud BPMS platform at BBVA

Antonio Valle
Global Head BPM Architecture
BBVA





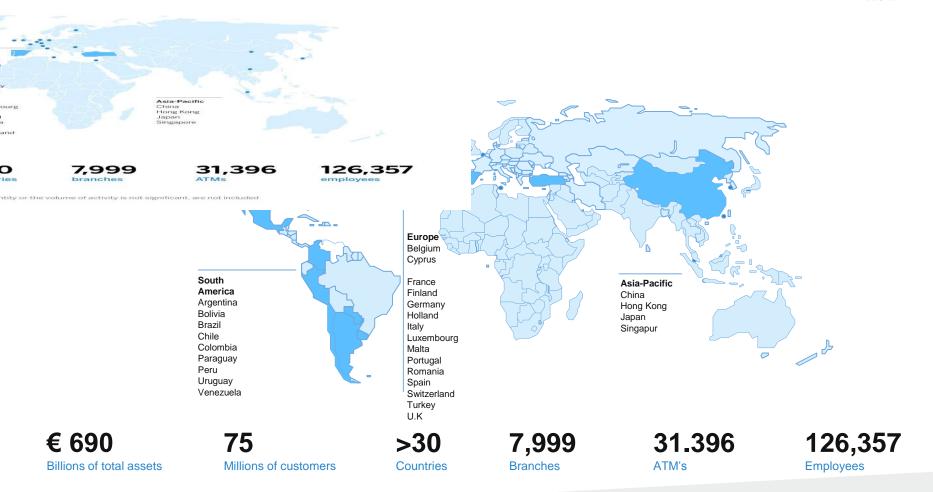
Presenters Intro

Antonio Valle, BBVA Global Head BPM Architecture

In his current role he manages and lead the team that develop and maintain the BPM Platforms that serve the different countries where BBVA operates.

Marcos Regidor, Red Hat Principal Solution Architect

In his current role he helps
BBVA to achieve their Digital
Transformation journey
leveraging Red Hat Open
Source culture, PaaS, laaS and
Middleware Solutions in the
different countries where BBVA
operates.

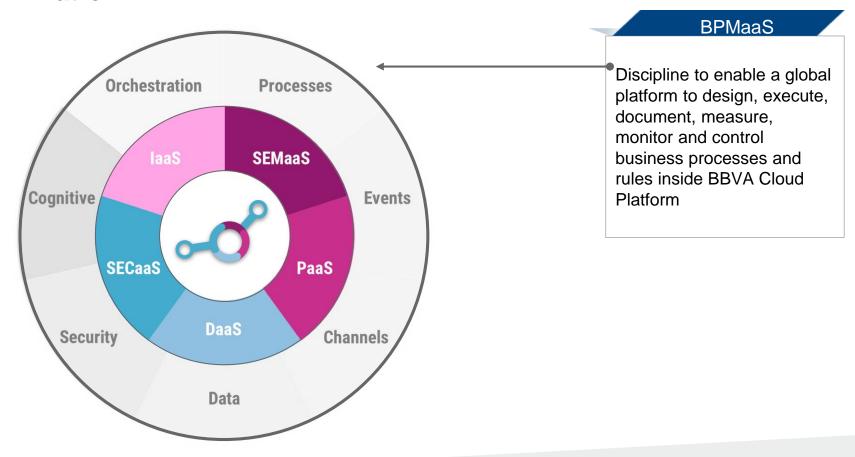


BBVA Transformation

The pillars of transformation in BBVA



BBVA Platform



What was needed?

The transformation...



Global **Multilocal** complex and heterogeneous products and platforms: lack of seamless experience



Manual processes loosely controlled with **ad-hoc measures**, reactive and slow with **poor agility** to launch new products or improvements rapidly



Know-how externalization, siloed local teams, no 'Global Community' approach



High maintenance and operating cost, non scalable, manual operation

Enable highly distributed monitoring for

time, costs and errors

ins. Low cost computing

processes and tasks (event based) reducing

Leveraging **open-source** technologies based

on subscription model to avoid vendor lock-

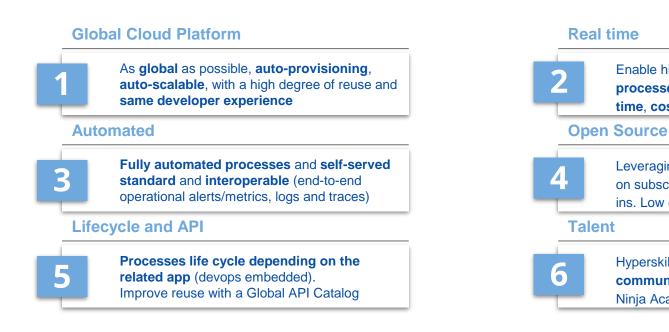
Hyperskilled in-house Talent, Global

Ninja Academy, Tech University

communities, agile teams collaborations.

What was needed? BBVA Requirements

Our objective is to build a platform to enable truly digital processes automation...





2015



Oct

New organization

Multidisciplinary Team BPE and BPA ARQ Tec. (Devops) Agile teams





2013

2016



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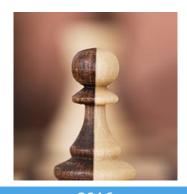
Mar

Build the vision

Detailed As-Is country by country
Assessment products
Hyperskilled in-house talent
Global communities







2015

0

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9

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Strategic partnership BBVA REDHAT

Early Adopter Plan Architectural design









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First release BPMaaS

RHPAM 7 GA Launch initiatives Training (Tech University, Ninja)











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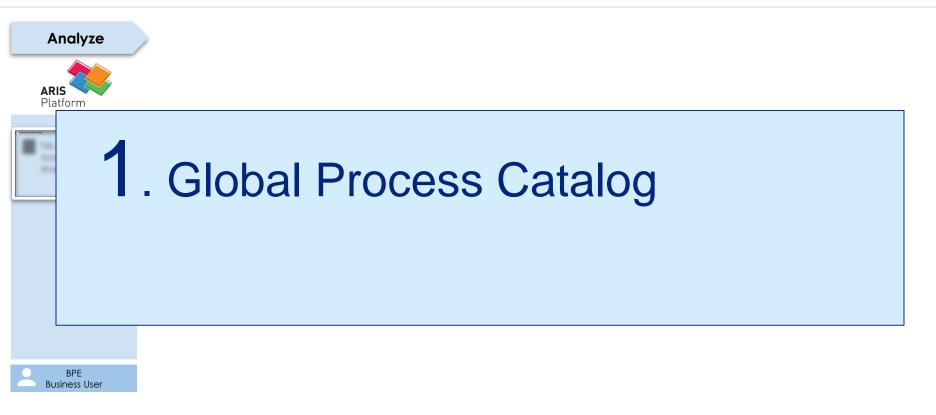
Go Live BPMaaS!

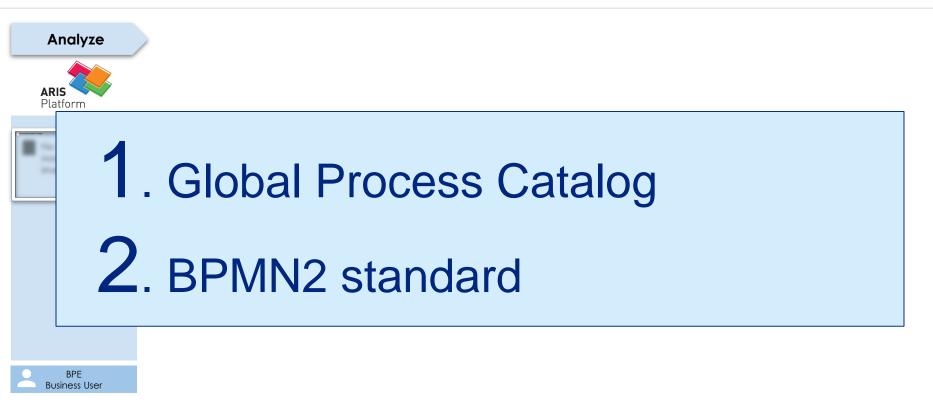
Global enablement streams Intercept flow and migration plan

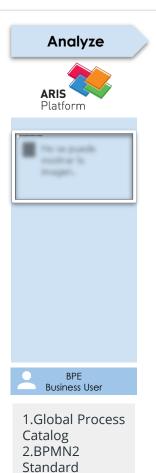
BPMaaS - Advanced process automation capabilities

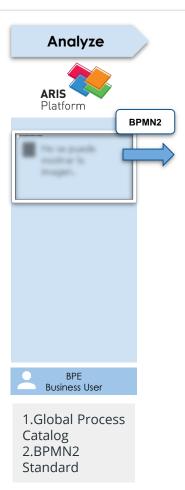


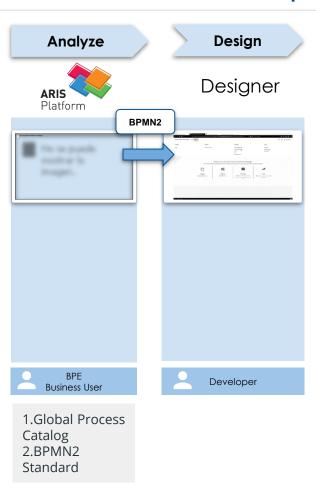




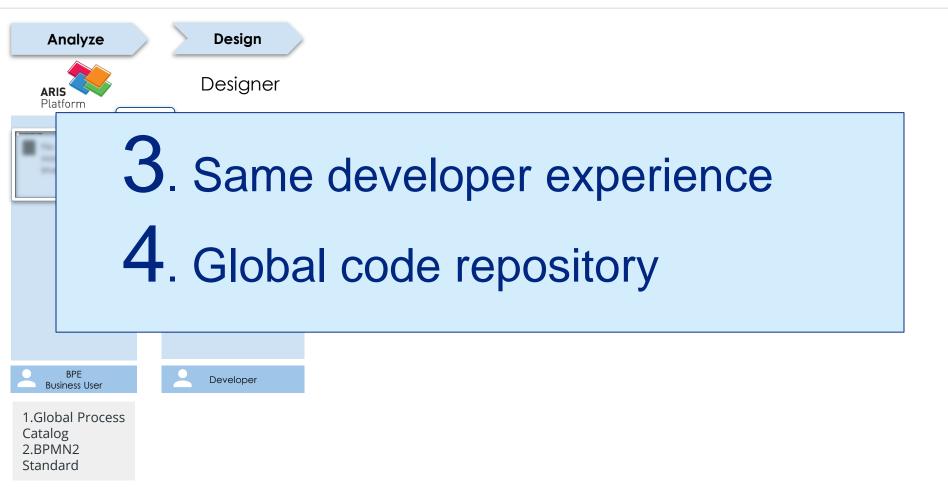


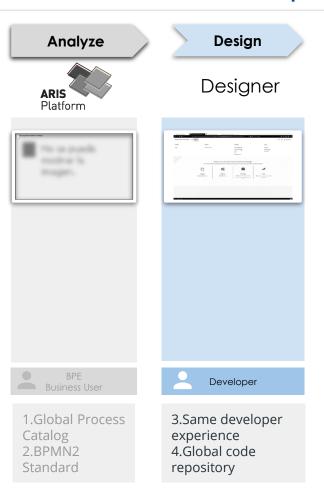


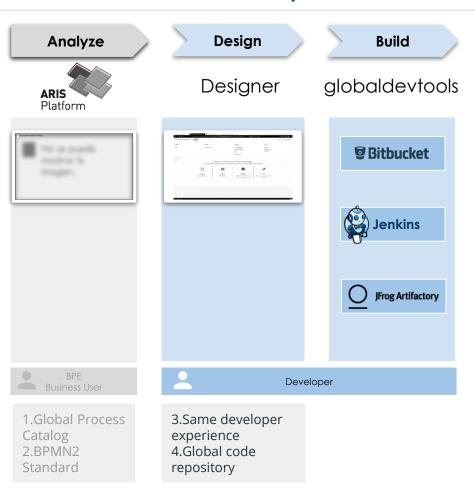


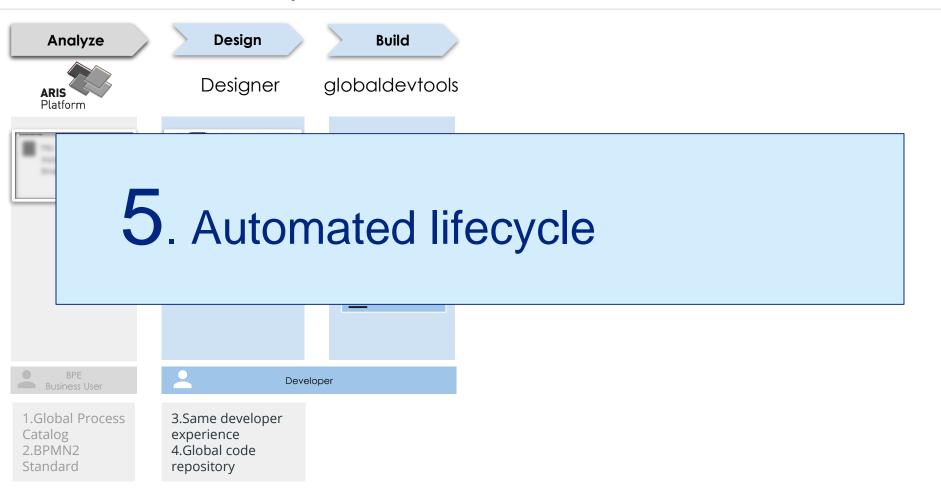


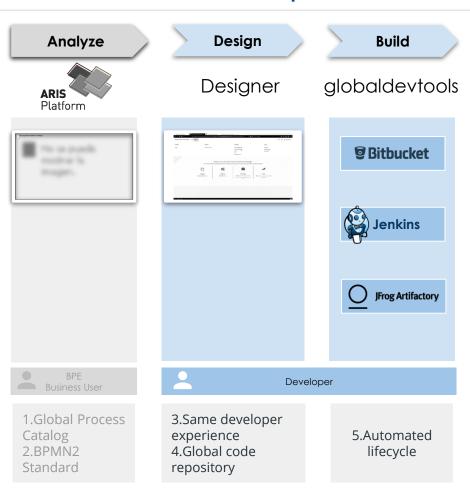


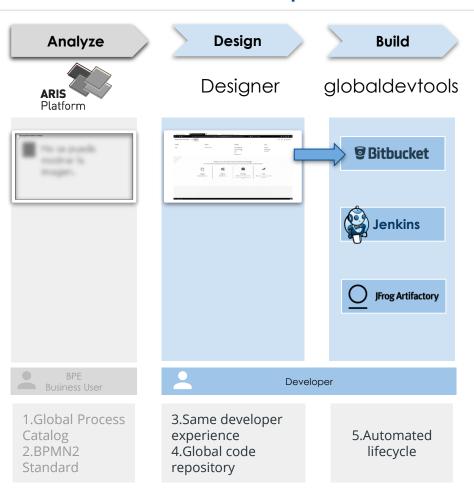


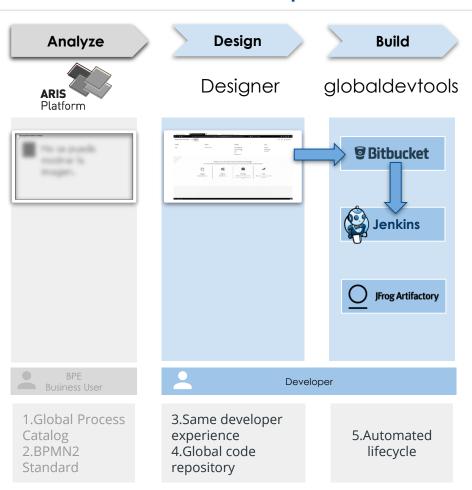


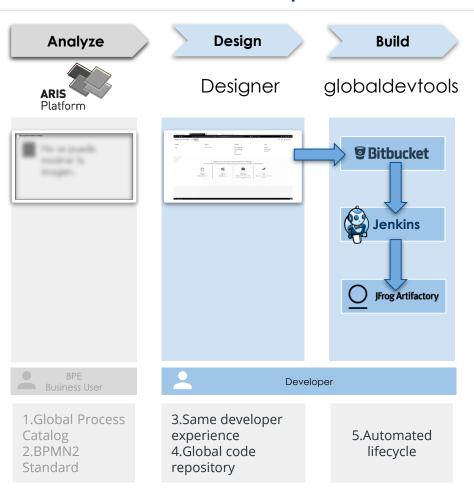


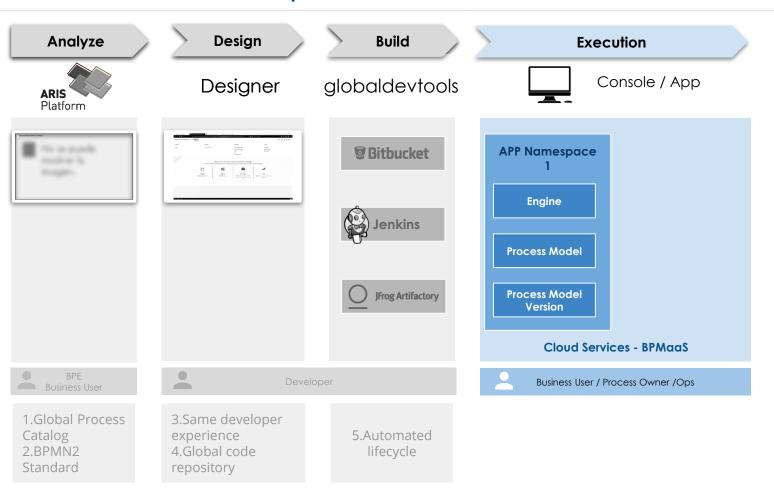


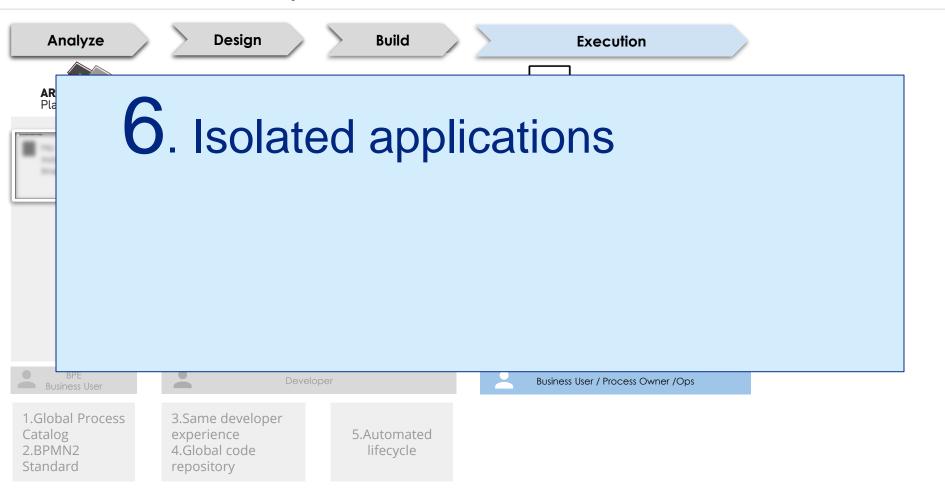


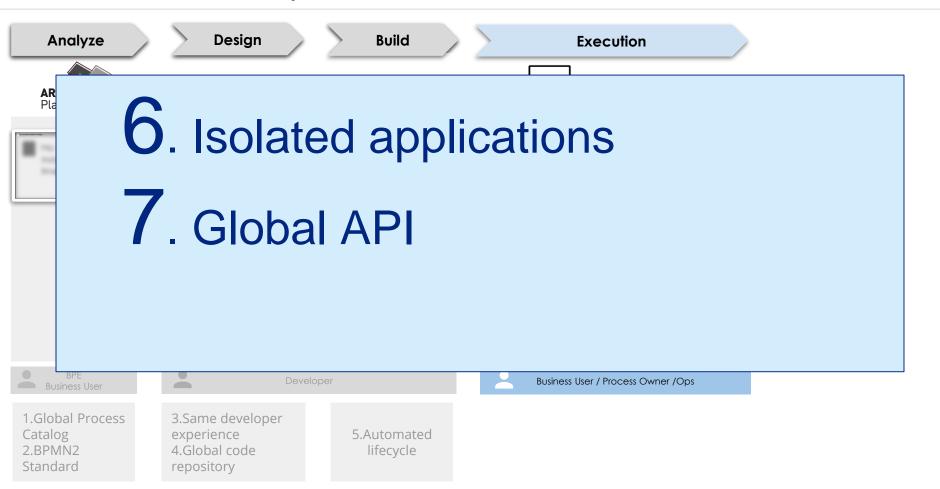


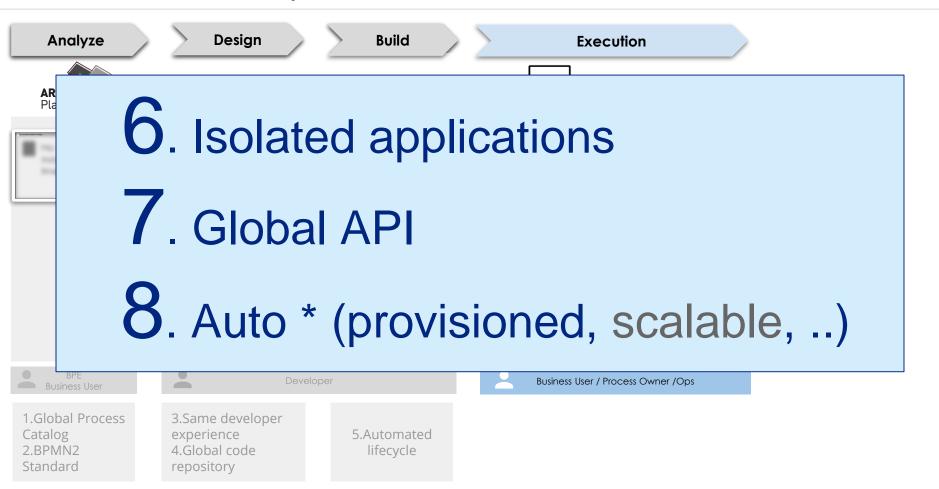


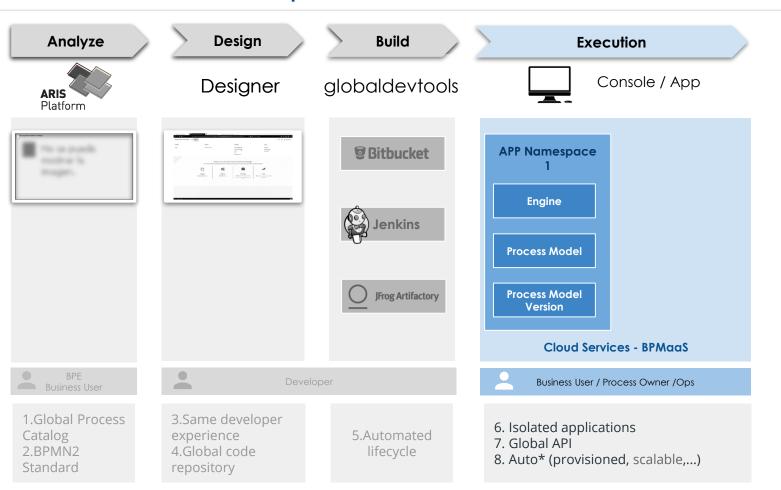


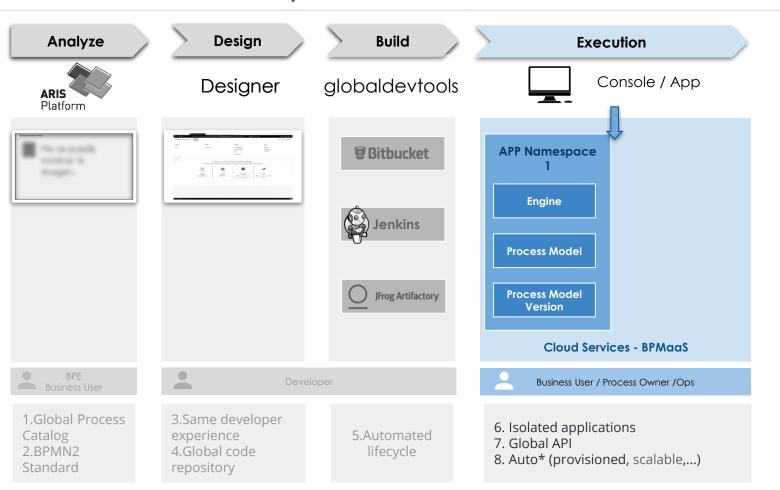


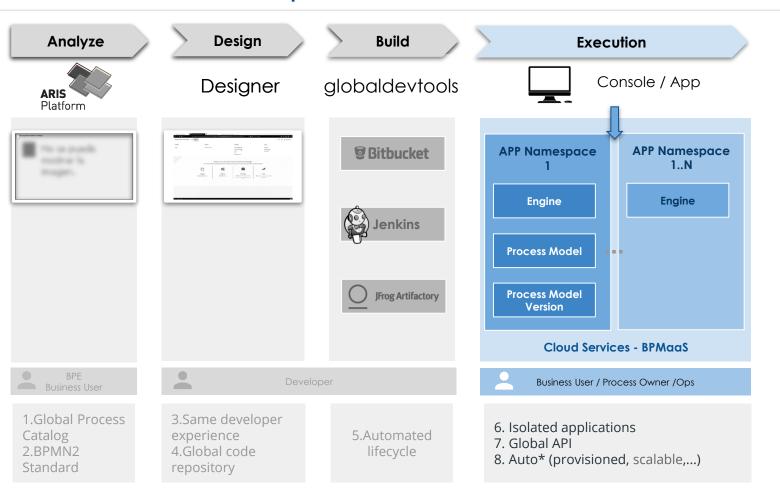


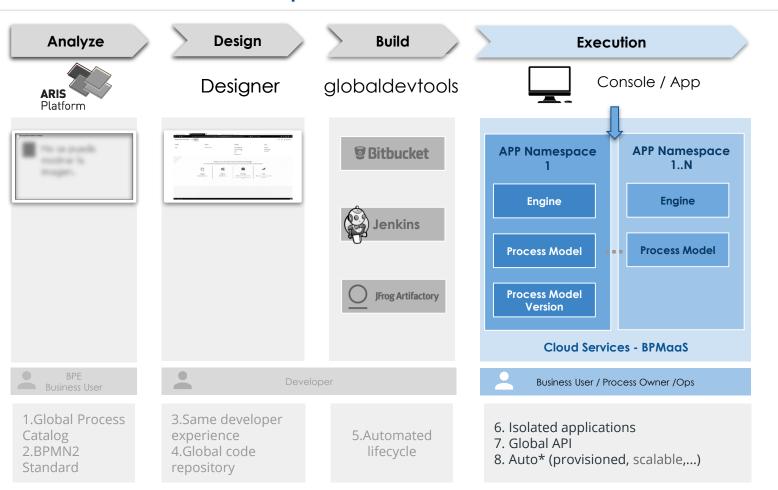


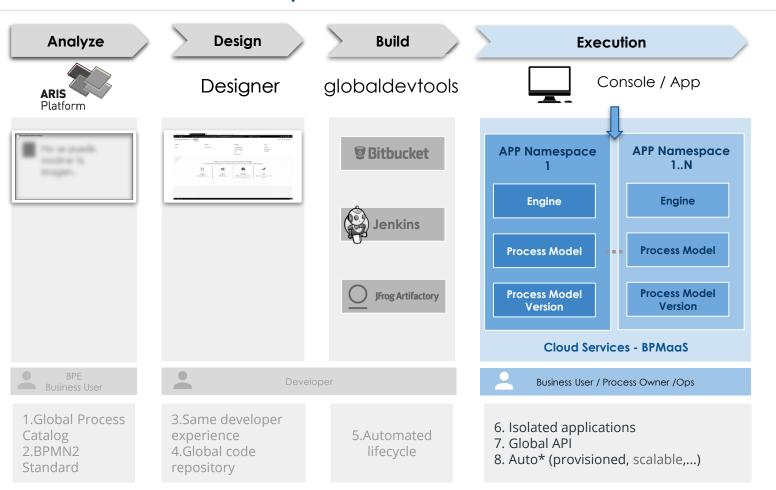


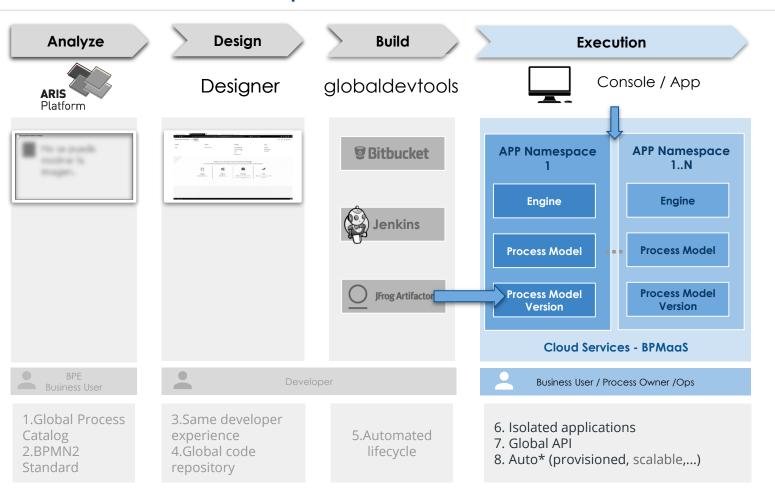


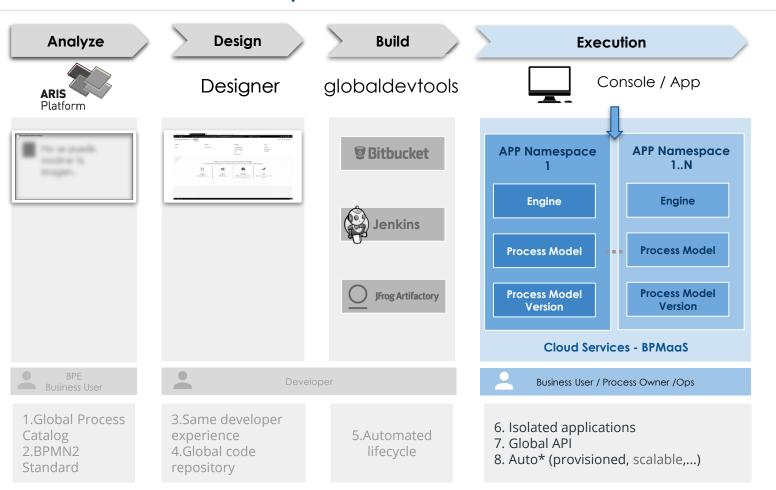


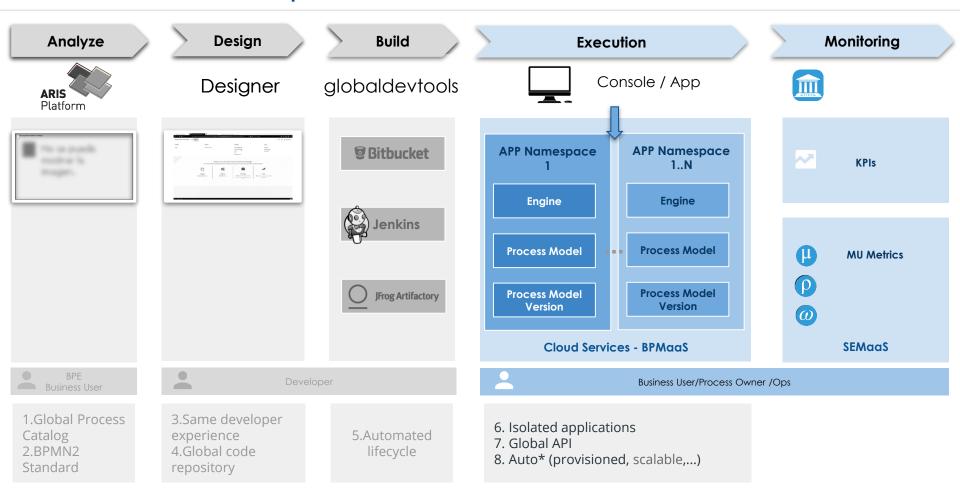


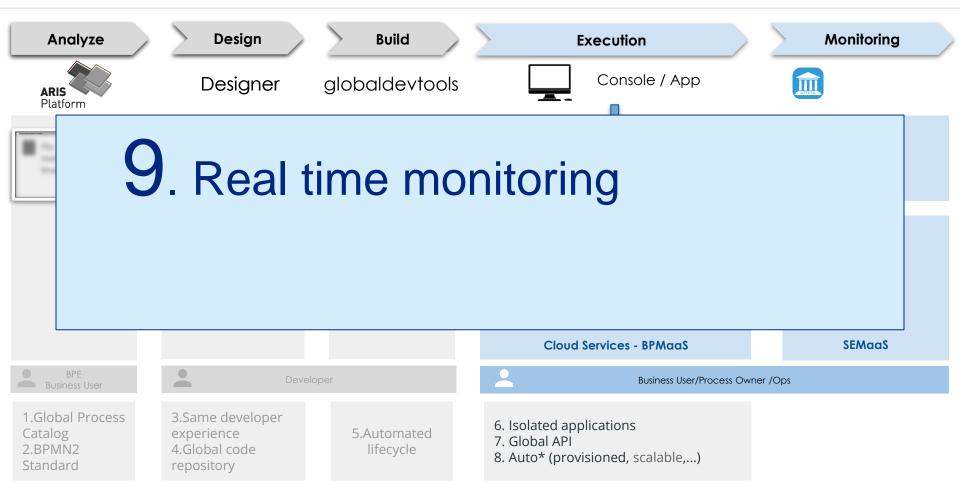


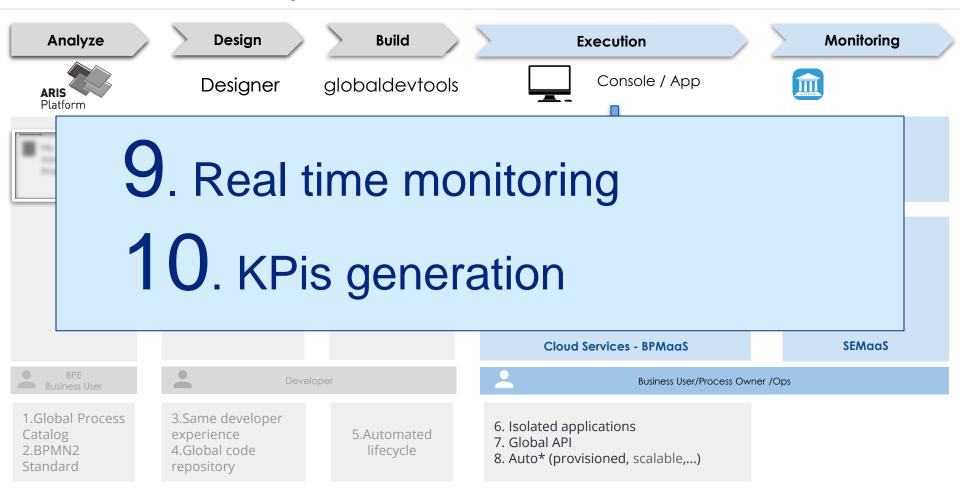


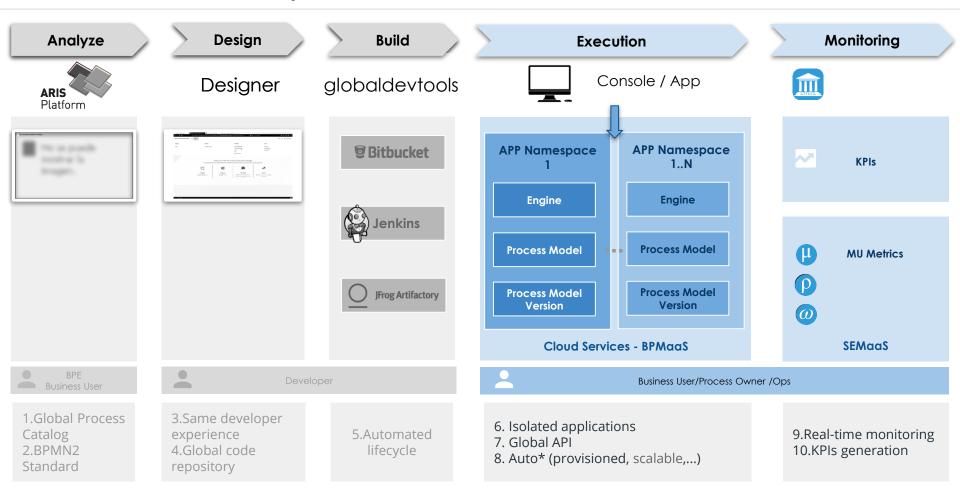


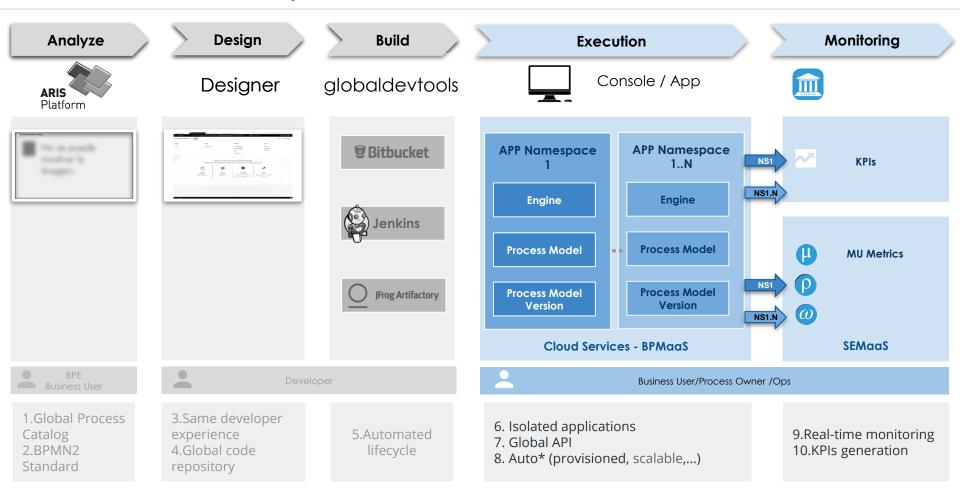












How we get there? Collaboration Set up

Product Manager visited BBVA on January 2017 with these outcomes:

Initial Functional Gaps Assessment



First set of functional requirements identified and defined as "Gaps" were explained and understood by Product Management

FDE Role



Proposed to add a new role in the Project: Forward Deployed Engineer to act as the voice of BBVA in the Engineering team and enhance collaboration

Initial Architecture Gaps Assessment



The requirement to deploy RH BPM on top the Openshift were initially assessed

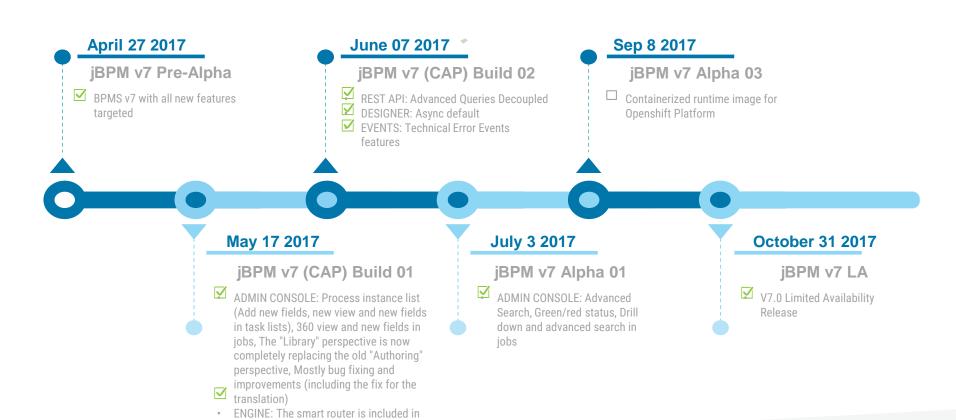
LA Version and Releases plan



PM Delivered a releases plan with a Limited Availability Version special release to be used to start to develop processes.

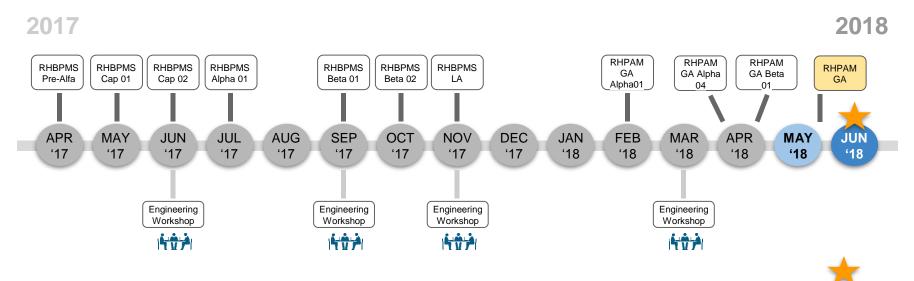
Initial releases plan

the Engine



Process automation platform - RoadMap

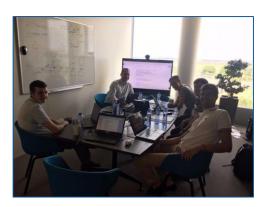
RHPAM v7



BBVA BPMaaS: Release 1 July '18

- Delivering the Platform
- Support to Pilots

The Journey till now: Workshops Performed



June 2017 - Brussels, Belgium



September 2017 - Madrid, Spain



November 2017 - Madrid, Spain



November 2017 - Mexico City, Mexico



March 2018 - Madrid, Spain

Working together to build RHPAM v7



How we have done so far?

Pull Request Sent

+79

Pull request sent by BBVA

Pull Request Accepted

+71

Accepted and incorporated into the product

Enhancement highlights

- Better support of BPMN2.
- Management console improvements.
- Error management. Detailed information about errors.
- Additional info to the events API. Now a complete information abouts events is available at Process & Task listeners.
- New mappers and query builders for custom queries.

"FDE" Red Hat role working on-site at BBVA with process automation team

New "ADE" role in BBVA working with FDE and Red Hat engineering team

Focus on the resolution of critical gaps identified in line with Red Hat engineering team

Prioritization of new features and bugs with Red Hat engineering team

Workshops with Red Hat engineering team & product management ensuring product alignment

BBVA is involved with UX team to ensure product vision

Working together to build RHPAM v7

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How we have done so far?



ensure product vision

Lessons learnt and future goals

Our objective is to build a platform to enable truly digital process automation...

Communication for Use Cases common understanding: Workshops all together

Designer and Process Modeling requirements first, runtime after that: Process Lifecycle

There is always area for improvement: new gaps and how to deal with it

Engage end user/customer since the beginning



Improve/Industrialize processes migration from other tools and platforms

BPM Platform as source of lots of event types to be processed in the Analytic platform.



Muchas gracias

Antonio Valle
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