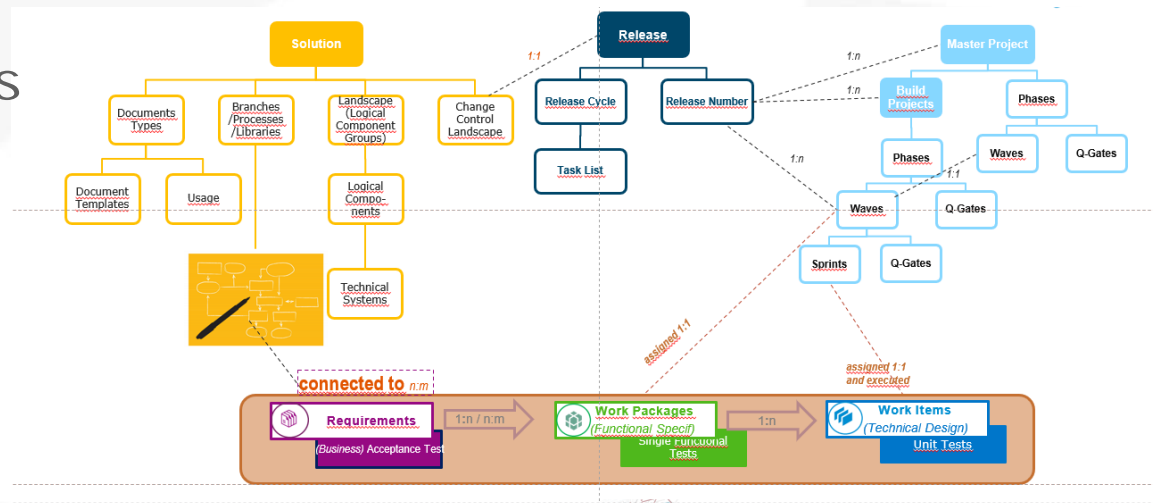


Gestión de Releases

Releases y algo más

Septiembre 2020

Esteban Hartzstein/Ernesto Rojas



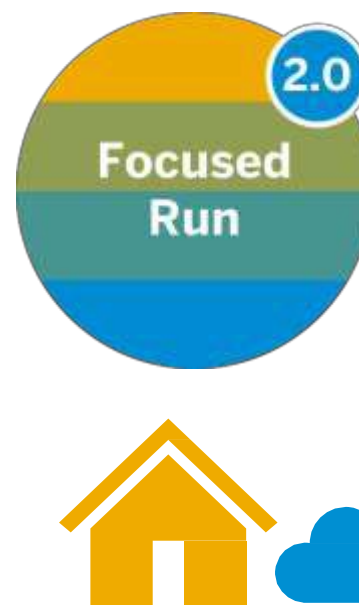
El Portfolio de Application Lifecycle Management de SAP

SAP Solution Manager



Suite ALM totalmente integrada para clientes medios y grandes que están basados on-premise

Focused Run



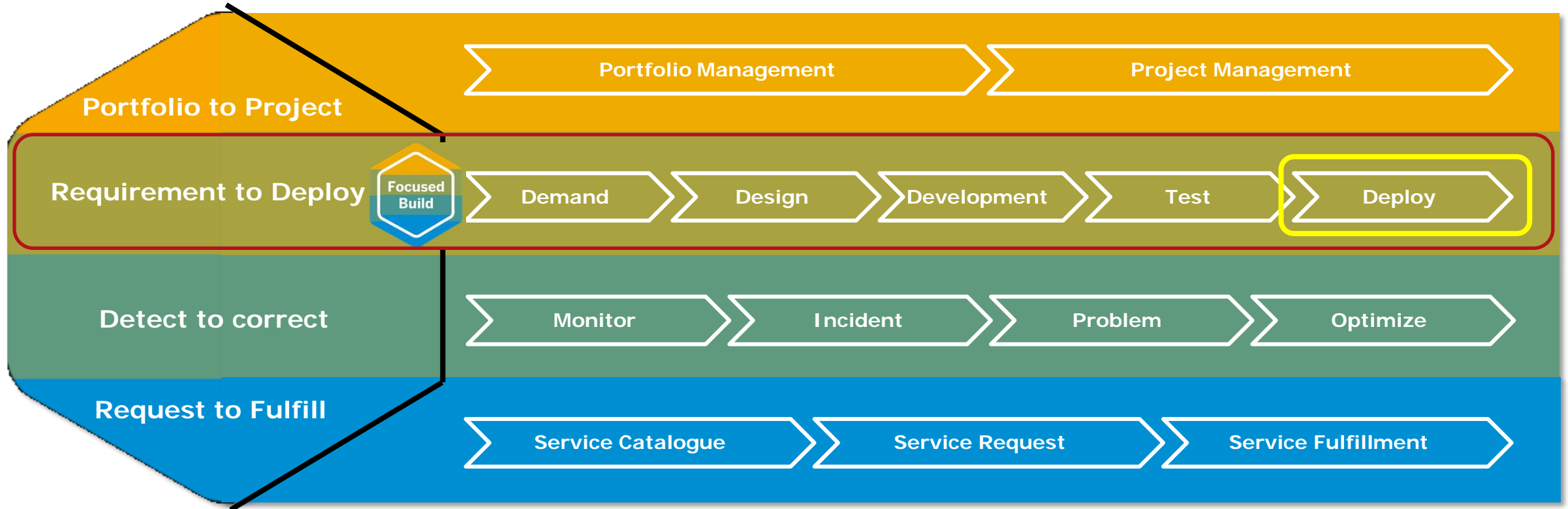
Operación de Aplicaciones para Service Providers y clientes grandes o muy grandes

SAP Cloud ALM



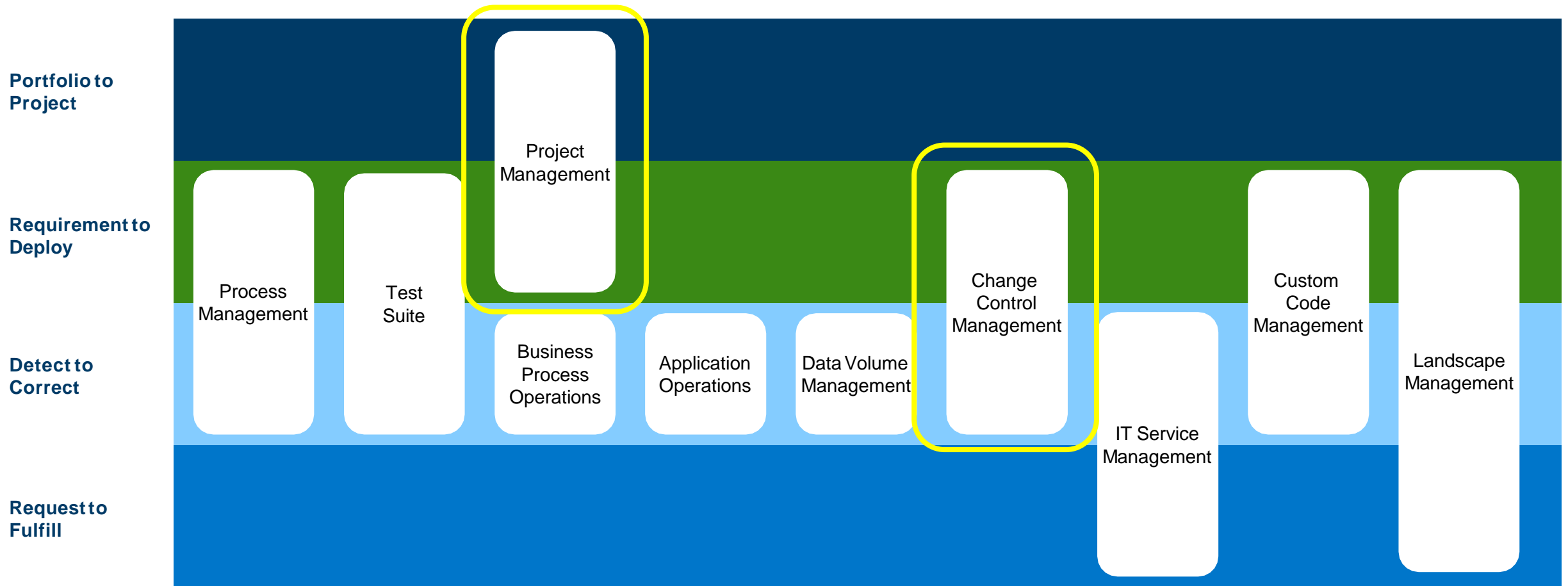
Comenzando con el portal de Implementación para clientes pequeños y medianos basados en nube

SAP Solution Manager 7.2 – Cadenas de Valor Claves

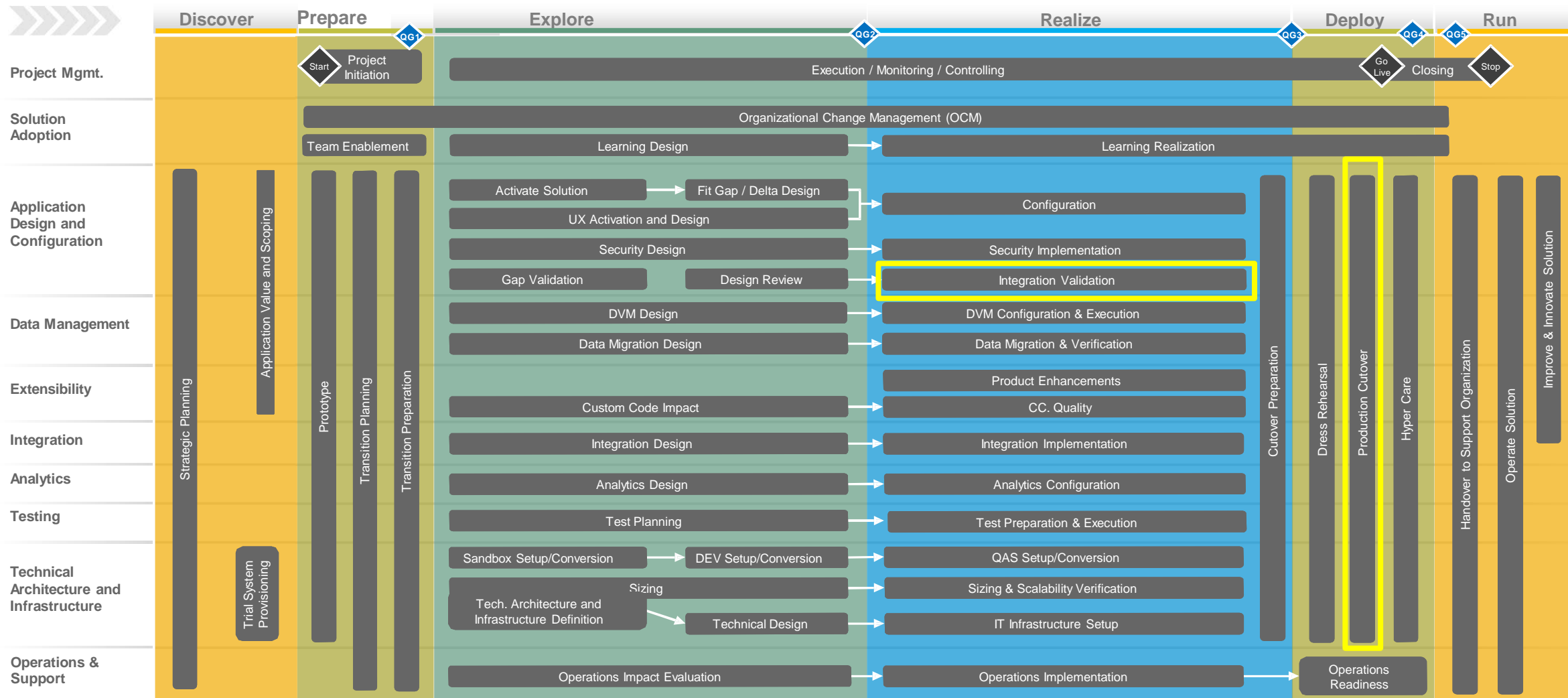


SAP Solution Manager 7.2 - Áreas Funcionales

- e Las cuatro grandes cadenas de valor se soportan con las siguientes funcionalidades de Solman, integradas entre si



SAP Activate para la Transición a SAP S/4HANA 1909



Workstream/Flujo de Trabajo Sumario -



Workstream	Includes	Supported by Focused Build with SAP Solution Manager
Project Management	Planning, Scheduling, Governance, Monitoring the execution of the project.	Project structures (Phases w/ Q Gates, Waves, Sprints, Milestones, ...); Risk & Issue Management; Solution Readiness Dashboard and drill down analysis; Advanced Project and Resource Management
Solution Adoption	Organization Change Management (OCM); Value Management (VM); End-User Training topics.	Change controlled Business Process structure and diagrams to assign documents, technical elements, links and attributes; project structure to track activity progress within the programme
Customer Team Enablement	Enablement of the customer project team; Standard product orientation to prepare the customer for product requirements and design discussion; Key user and admin training to prepare the customer for test case development and test execution	Project and process structure to track team enablement tasks within the programme; Predefined and role specific training material to support team enablement in use of Focused Build.
Application Design and Configuration	Confirmation of the scope; Fit-to-Standard; Identification of delta business process requirements; Functional design of the solution. <i>(Note: This workstream includes RICEFW deliverables in On-premise deployments.)</i>	Content Import to support 'Fit-to-Standard'; process management; requirements capture; design & build documents; WP/WI build & unit test requirements. <i>(This includes WRICEF and Config)</i>
Data Management	Discovery, planning and execution of moving legacy data to the new system; Archiving legacy data; Cutover planning, preparation, management and execution.	Define Master Data objects on Business Process structure; define data management process flows; WP/WI build & test data requirements; Data Volume Management functionality with SolMan.
Extensibility	The design, development, and deployment of system functionality that cannot be provided by the standard product and needs to be custom developed. <i>(Note: focus is on solution extensibility beyond the RICEFW that are covered in Design and Configuration and Integration)</i>	'Gap' Management for delivery of requirements classified as 'gaps' (delivered through custom development (Not WRICEF), S/4HANA Extensibility Framework for in-app extensions and customer use of the SAP Cloud Platform)
Integration	Identification of integration requirements; Integration points; Integration approach Integration solution design; Setup of integration environment and middleware between the solution and any external systems.	Requirement capture; Interface Library; interfaces in process/collaboration diagrams; WP/WI build & test of integration requirements.
Analytics	The design, creation, testing of the reporting and analytics inside the implemented solution: Data modelling; Data connection and integration; Stories creation; Predictive analysis'	Requirement capture; WP/WI build & unit test requirements; Process and library structure to hold
Testing	Test strategy; Test planning; Test case development; Test execution (unit , integration, performance, system, regression and end user acceptance test).	Test Preparation; Informal and formal Testing of WPs; Test Case Creation (Test Steps Designer); Test Planning; Test Execution; Defect Management; Test Analytics; Test Suite Dashboard
Technical Architecture and Infrastructure	System architecture; System provisioning; Solution landscape; Technical system design; Deployment concept; Solution environment setup; Technology operations standards and process	System Admin; System Landscape management; Change & Release Management (incl. predefined Release and Deployment principle); Transport Analysis ...
Operations & Support	Establishment and setting up of the helpdesk process; Incident management process; Post go-live change management process; User related operations standards and process.	Support of Urgent and Standard Changes in Hypercare and Operations ('Fix Pace'); support of dual landscape with project and maintenance tracks; Solution Information Asset population of Production, Operation and Maintenance 'Branches' ready for support; definition of operation alerts for proactive performance management.



* = Includes Focused Build specific functionality (discussed further in later slides)



SAP Activate

Como habilitador de la innovación guiada por el negocio

SAP Activate ...

... apoya la adopción de la innovación con un **contenido integrado y de una solución específica, metodología y herramientas**

Business Processes Delivered Ready to Run

- ✓ Procesos de Negocios entregados listos para procesar
- ✓ Una metodología clara y prescriptiva
- ✓ Apps para adopción y extensibilidad

Para innovación con SAP S/4HANA y otras soluciones

<https://www.sap.com/uk/products/activate-methodology.html>



Focused Build

Con SAP Solution Manager 7.2



Focused Build con SAP Solution Manager ...

... soporta clientes con un proceso Requirements-to-Deploy integrado y basado en herramientas, para gestionar los requerimientos y el desarrollo en proyectos ágiles de innovación.

- ✓ Focused Build se entrega como una **solución estándar**, con **funcionalidades y procesos totalmente integradas** en SAP Solution Manager 7.2.
- ✓ También provee funciones para la construcción de solución adicionales..
- ✓ SAP entrega **entrenamiento Focused Build estándar** que reducen significativamente los costos de entrenamiento del equipo de proyecto.

<https://support.sap.com/en/alm/focused-solutions/focused-build.html>

Focused Build, basado en herramientas, con SAP Solution Manager, provee un proceso definido de 'Requirements-to-Deploy', y es un componente CLAVE de las herramientas de SAP Activate, con foco específico en la puesta en producción de innovaciones con SAP S/4HANA (Any Premise) and SAP S/4HANA Cloud, extended edition.



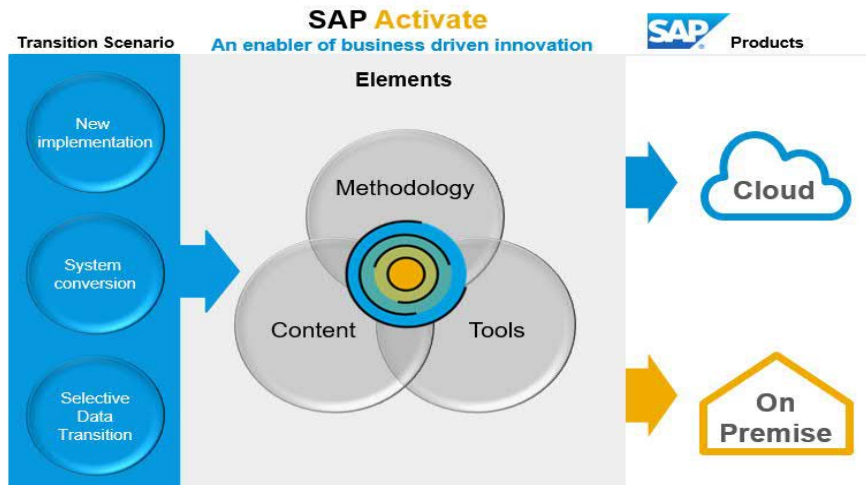
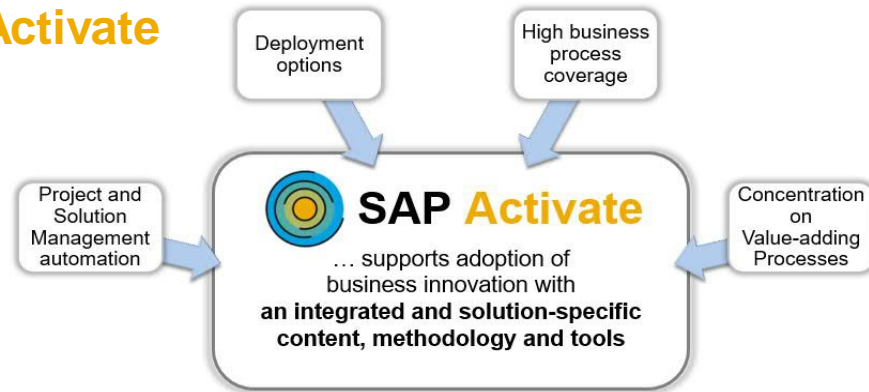
Qué contiene cada herramienta



SAP Activate

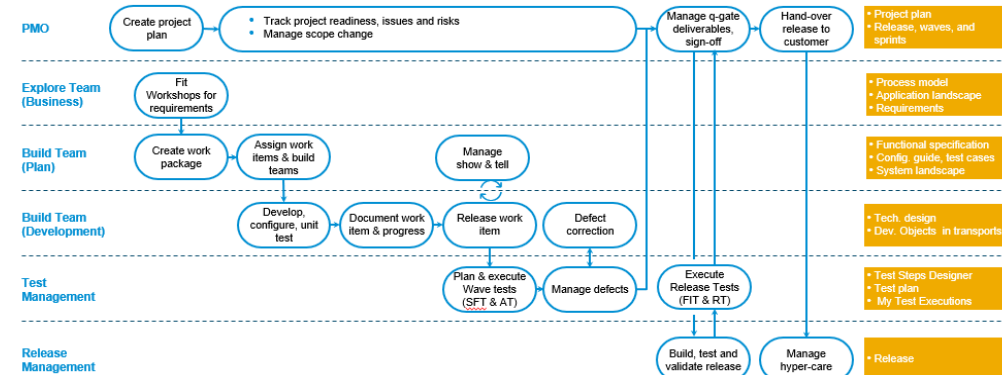
An enabler of business driven innovation

SAP Activate



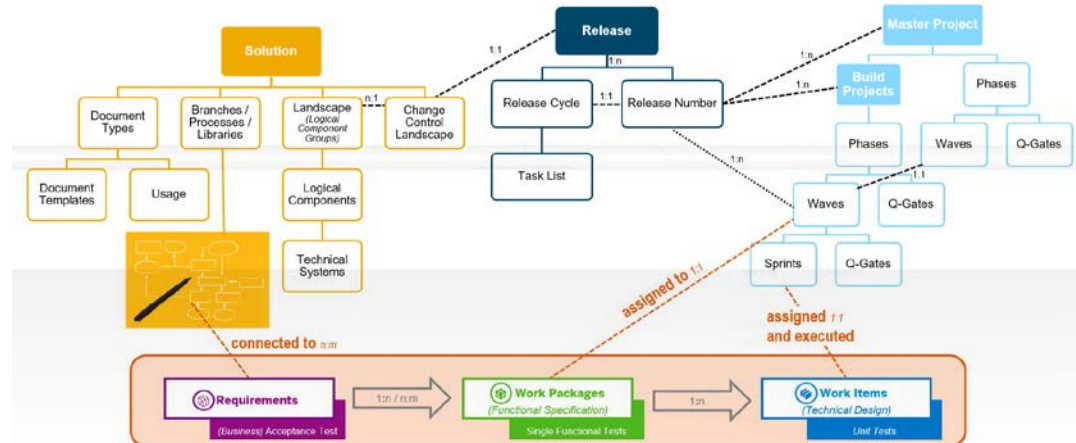
Focused Build

with SAP Solution Manager 7.2

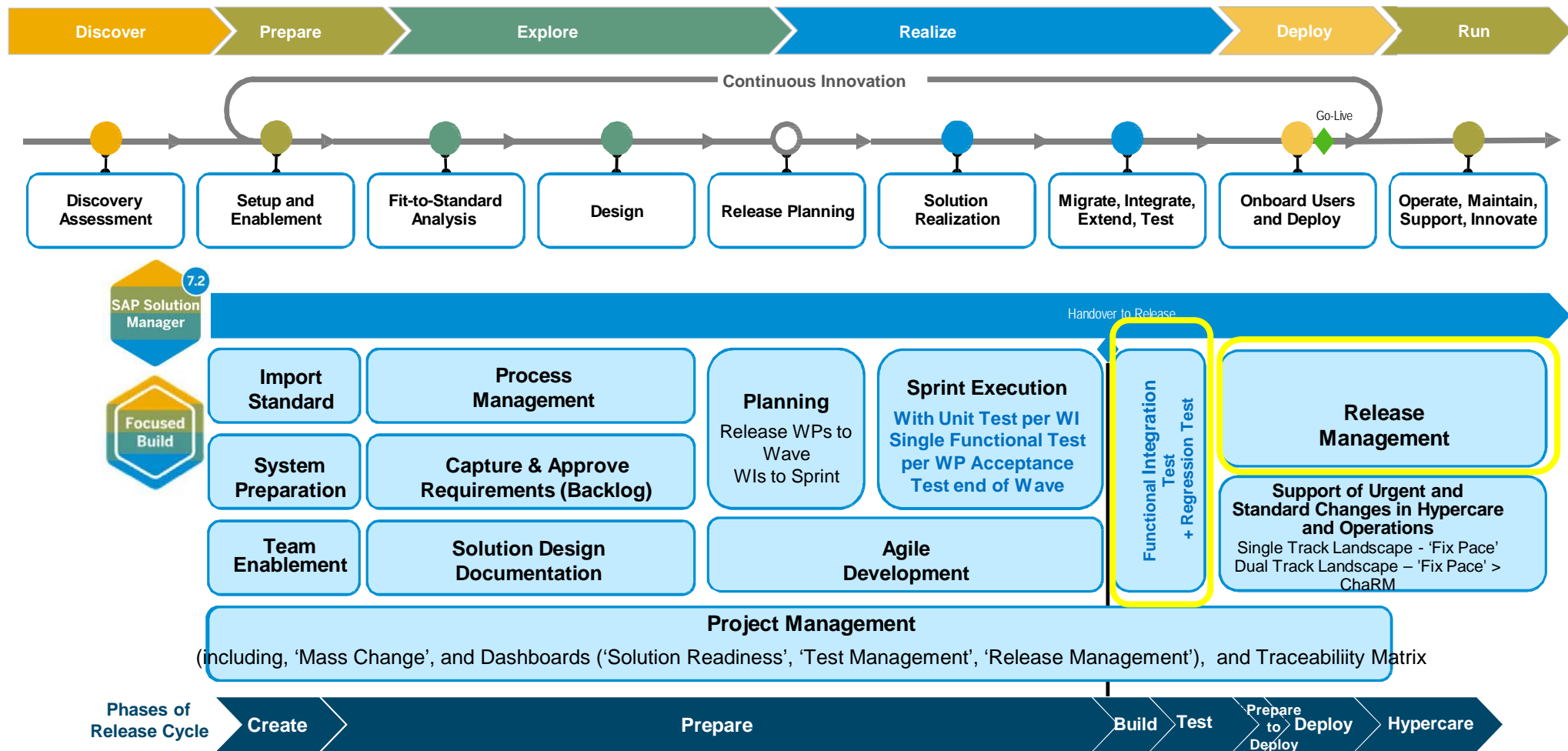


Requirements, Work Packages and Work Items

Focused Build High-level Architecture



Fases de Proyecto con SAP Activate, y Focused Build con SAP Solution Manager





“ The more alignment you have, the more autonomy you can grant. The one enables the other.

—Stephen Bungay, author and strategy consultant

Agile Release Train

The **Agile Release Train (ART)** is a long-lived team of **Agile teams**, which, along with other stakeholders, **incrementally develops, delivers, and where applicable operates, one or more solutions in a value stream.**

Details

Agile Release Trains align teams to a shared business and technology mission. Each is a virtual organization (typically 50 – 125 people) that plans, commits, develops, and deploys together. ARTs are organized around the Enterprise’s significant **Value Streams** and exist solely to realize the promise of that value by building **Solutions** that deliver benefit to the end-user.

ARTs are cross-functional and have all the capabilities—software, hardware, firmware, and other—needed to define, implement, test, deploy, release, and where applicable, operate solutions. An ART delivers a *continuous flow of value*, as shown in Figure 1.

SAFe – ART (Agile Release Train)

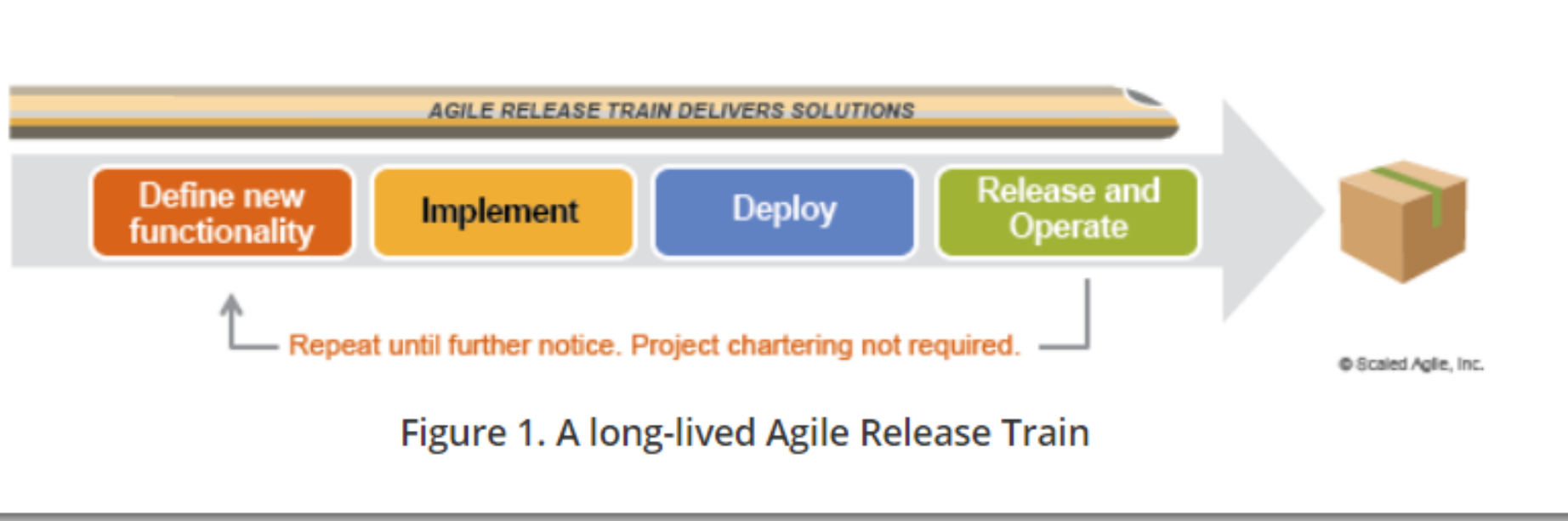
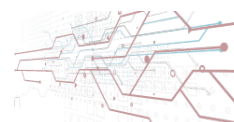


Figure 1. A long-lived Agile Release Train



SAFe – ART (Agile Release Train) – Principios

- e ARTs operate on a set of common principles:
 - ➔ **The schedule is fixed** – The train departs the station on a known, reliable schedule, as determined by the chosen Program Increment (PI) cadence. If a Feature misses a timed departure and does not get planned into the current PI, it can catch the next one.
 - ➔ **A new system increment every two weeks** – Each train delivers a new system increment every two weeks. The System Demo provides a mechanism for evaluating the working system, which is an integrated increment from all the teams.
 - ➔ **Synchronization is applied** – All teams on the train are synchronized to the same PI length (typically 8 – 12 weeks) and have common Iteration start/end dates and duration.
 - ➔ **The train has a known velocity** – Each ART can reliably estimate how much cargo (new features) can be delivered in a PI.
 - ➔ **Agile Teams** – Agile teams embrace the 'Agile Manifesto' and SAFe Core Values and Principles. They apply Scrum, Extreme Programming (XP), Kanban, and other Built-In Quality practices.
 - ➔ **Dedicated people** – Most people needed by the ART are dedicated full time to the train, regardless of their functional reporting structure.
 - ➔ **Face-to-face PI Planning** – The ART plans its work at periodic, mostly face-to-face PI Planning events.
 - ➔ **Innovation and Planning (IP)** – IP Iterations occur at the end of every PI and provide an estimating guard band (buffer) as well as dedicated time for PI planning, innovation, continuing education, and infrastructure work.
 - ➔ **Inspect and Adapt (I&A)** – An I&A event is held at the end of every PI. The current state of the solution is demonstrated and evaluated. Teams and management then identify improvement backlog items via a structured, problem-solving workshop.
 - ➔ **Develop on Cadence, Release on Demand** – ARTs apply cadence and synchronization to help manage the inherent variability of research and development. However, releasing is typically decoupled from the development cadence. ARTs can release a solution, or elements of a solution, at any time, subject to governance and release criteria.

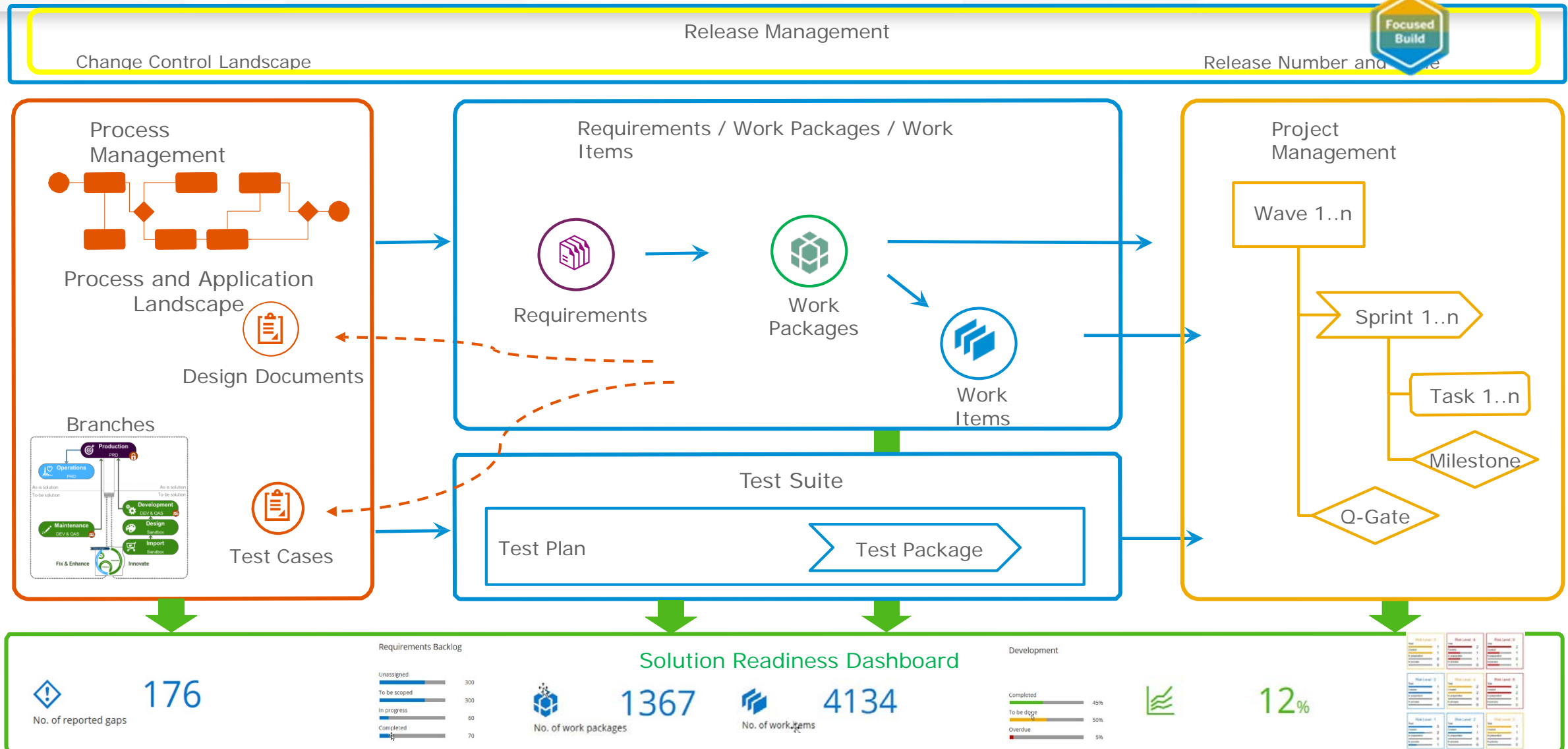


De los Proyectos al Release en proyectos Agiles

Cómo organizarse para lograr los objetivos – Release Management 1 - Conceptos

- El **Agile Release Train (ART)** es un equipo de larga duración de equipos ágiles que, junto con otras partes interesadas, **desarrolla, entrega** y, cuando corresponde, **opera**, una o más soluciones en un flujo de valor.
- En este contexto, **los lanzamientos** son esencialmente **períodos de tiempo** separados para **trabajar** en un alcance limitado del proyecto general. Un plan de lanzamiento ágil describe cómo y cuándo se lanzarán y entregarán las características (o funcionalidad) a los usuarios.
- En Agile, **la cadencia** es el número de **días o semanas en un sprint o lanzamiento**. Dicho de otra manera, es la duración del ciclo de desarrollo del equipo. ... La cadencia que selecciona un proyecto u organización se basa en una serie de factores que incluyen: criticidad, riesgo y el tipo de proyecto.
- **Inspeccionar y Adaptar (I&A)** – Un evento de I&A se realiza **al final de cada PI**. El estado actual de la solución se **demuestra y se evalúa**. Los equipos y el management entonces identifica la lista de ítems de mejoras a través de talleres estructurados de resolución de problemas.

Focused Build – Vista de la Arquitectura y el Modelo de Integración



Requirements-to-Deploy Transparente Despliegue Incremental con retroalimentación constante con el Negocio



Releases sincronizan los go lives de los proyectos y aseguran la entrega e integración continuas



Proyecto para agrupar entregables. Son posibles proyectos múltiples y paralelos



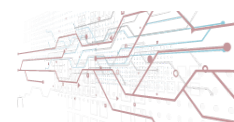
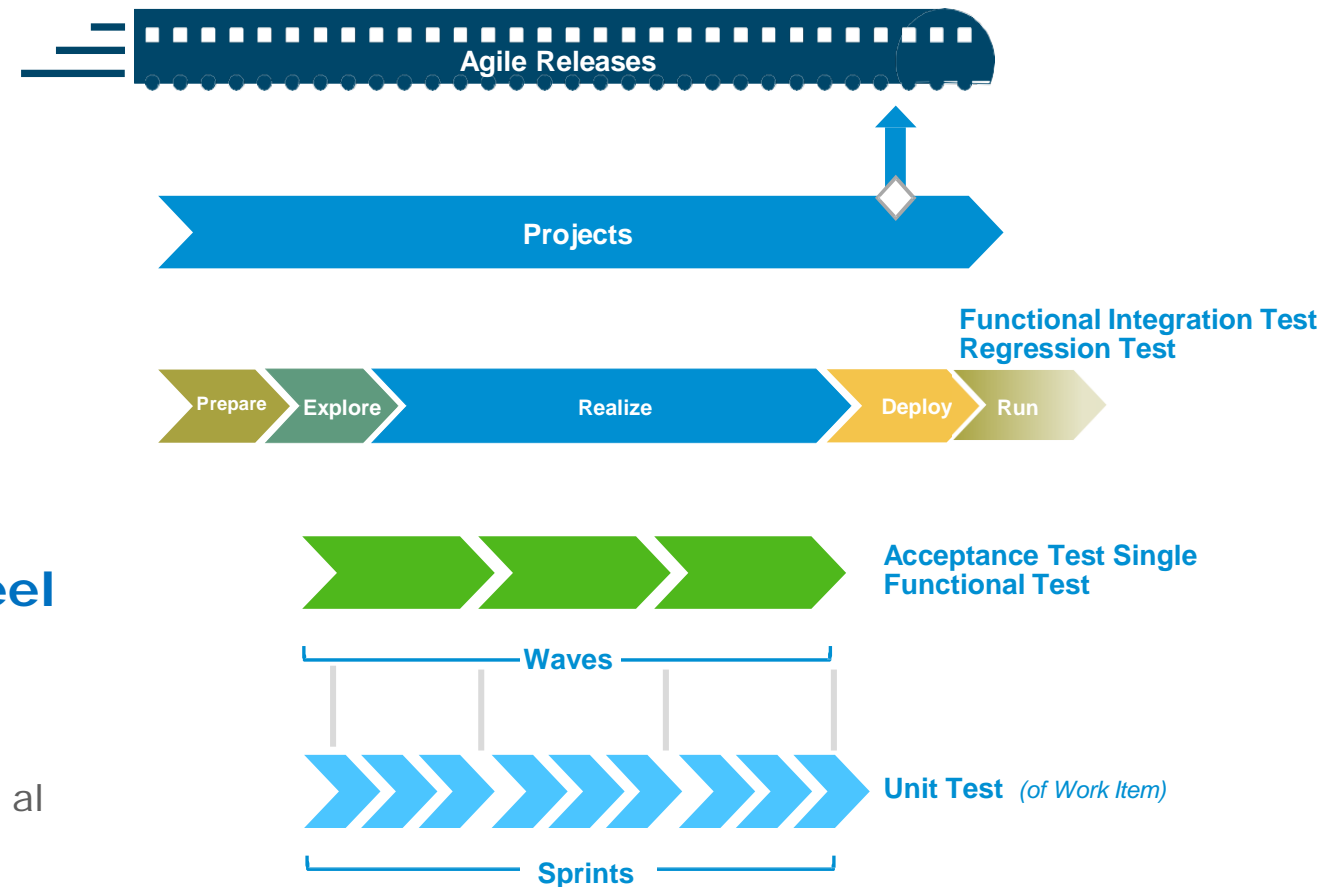
Fases finalizando con **Quality Gates**. Preparación y Alcance cortos, con construcción incremental



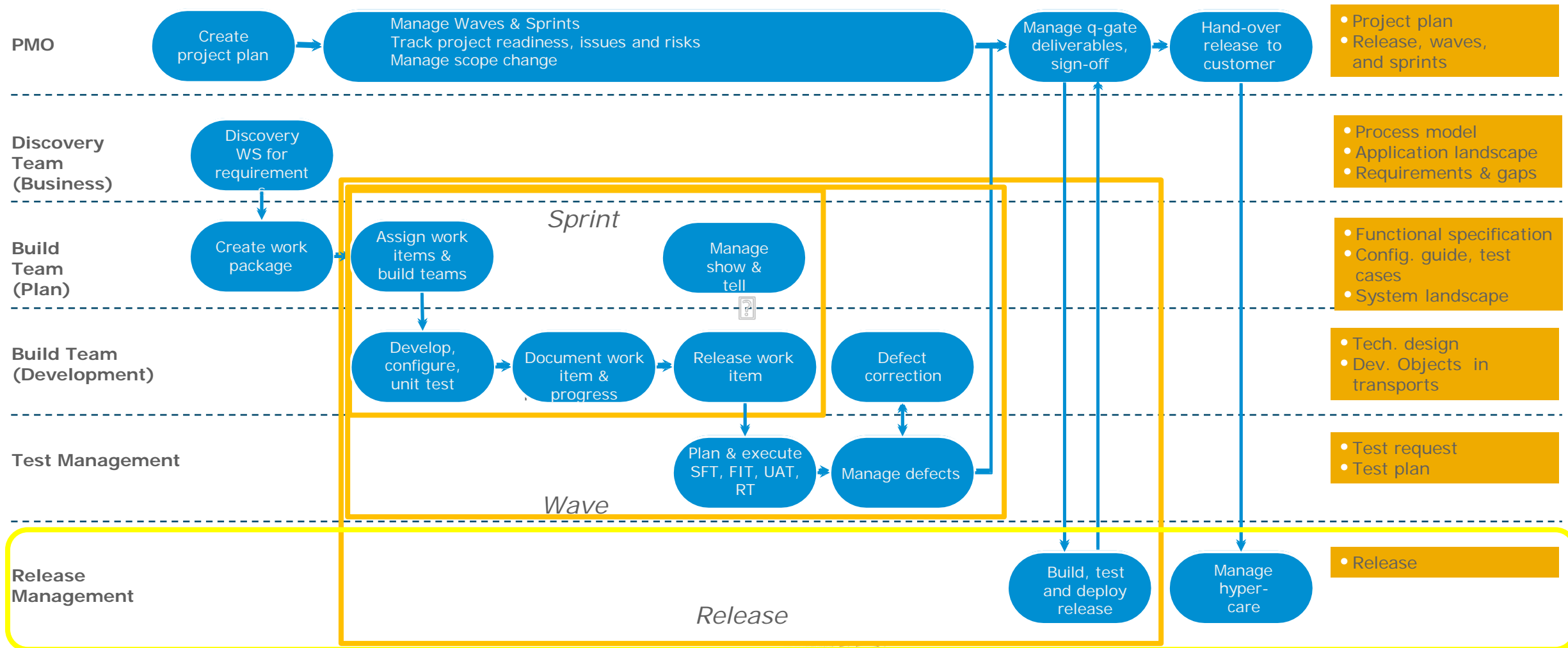
Waves terminando con la **Touch and Feel** por parte del negocio (~ 8 – 12 semanas)



Sprints con sesiones de **Show and Tell** al negocio (~ 2 semanas)

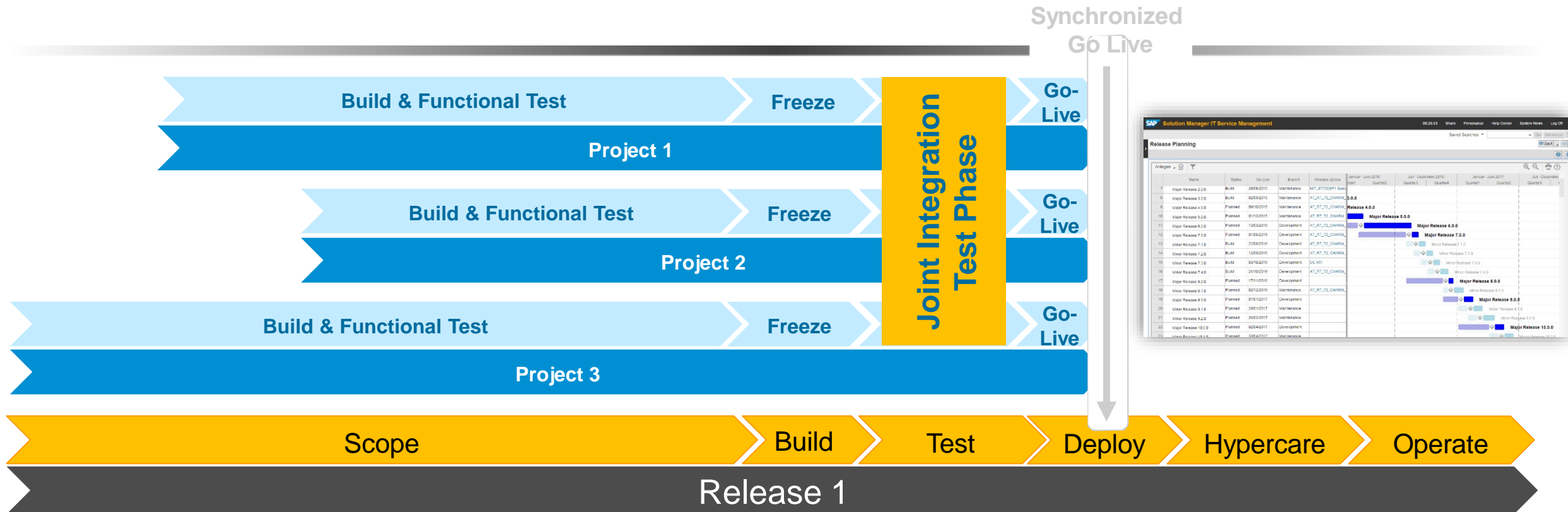


Flujo de Procesos en Focused Build - requirements to deploy



Requirements-to-Deploy Transparente

Despliegue Incremental con retroalimentación constante con el Negocio



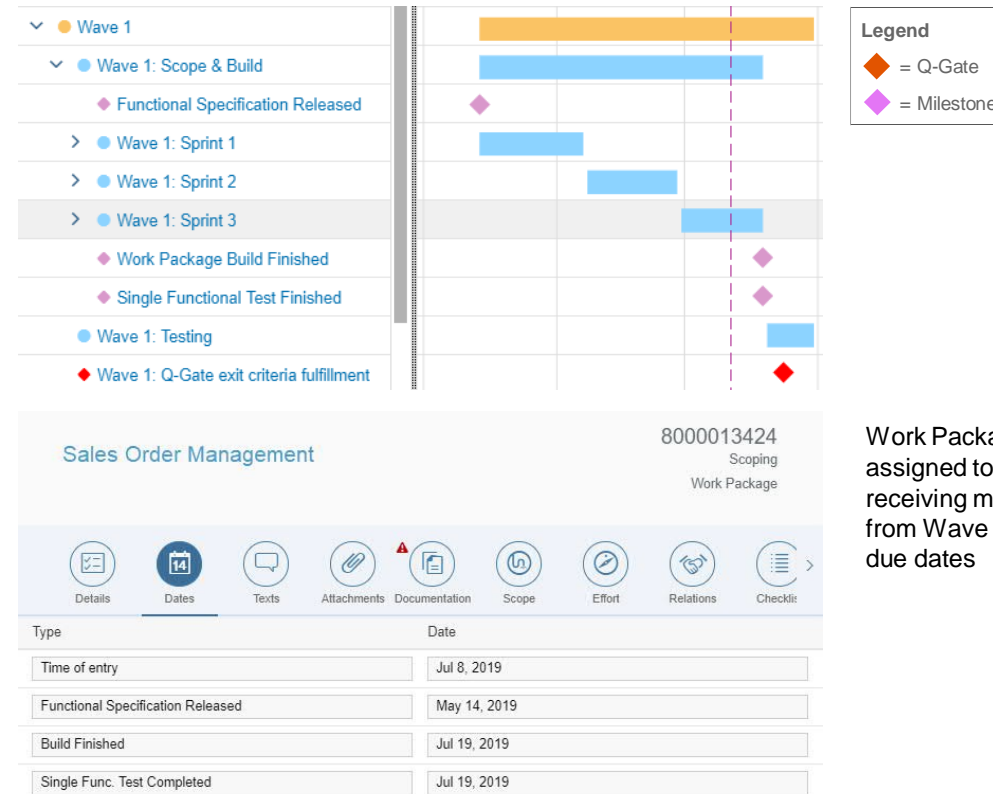
Reducir los riesgos, simplifique los procesos Go-Live, y reduzca los esfuerzos de prueba





Project Schedule:

- e Wave detalle:
 - ➔ Una Wave comprende un alcance funcional bien definido de Work Packages para definir qué se va a construir
 - ➔ Comienza con una definición de alcance y un tiempo de preparación
 - Tiene que proveer las especificaciones funcionales requeridas para comenzar el primer sprint de la wave
 - ➔ La construcción real se realiza en los Sprints
 - ➔ Se ejecuta el test de integración funcional
 - ➔ Finaliza con el Q-Gate "Cumplió con el criterio de salida de la wave"
 - ➔ Opcional: el release puede ser asignado a la Wave para el Go-Live después de la Wave



Work Package assigned to a Wave receiving milestones from Wave as default due dates





Project Schedule:

e Detalles del Sprint:

- ➔ Un sprint comprende un alcance bien definido de Work Items para definir cómo se va a realizar
- ➔ Comienza con la definición de un backlog del sprint y la priorización de los work Items
- ➔ Provee los documentos de diseño técnico y los desarrollos de software para ser revisados en las sesiones de show and tell/revisión del sprint
- ➔ Unit test para confirmar que el work Item está completo

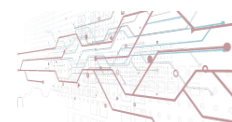


Enhancement Fiori app for Sales Order entry 8000011403
Successfully Tested
Work Item (GC)

Details Dates Texts Attachments Documentation Transport Tasks

Type	Date
Time of entry	May 10, 2019
Build Started	May 23, 2019
Technical Design Released	May 15, 2019
Build Finished	May 31, 2019
Unit Test Completed	Jun 6, 2019

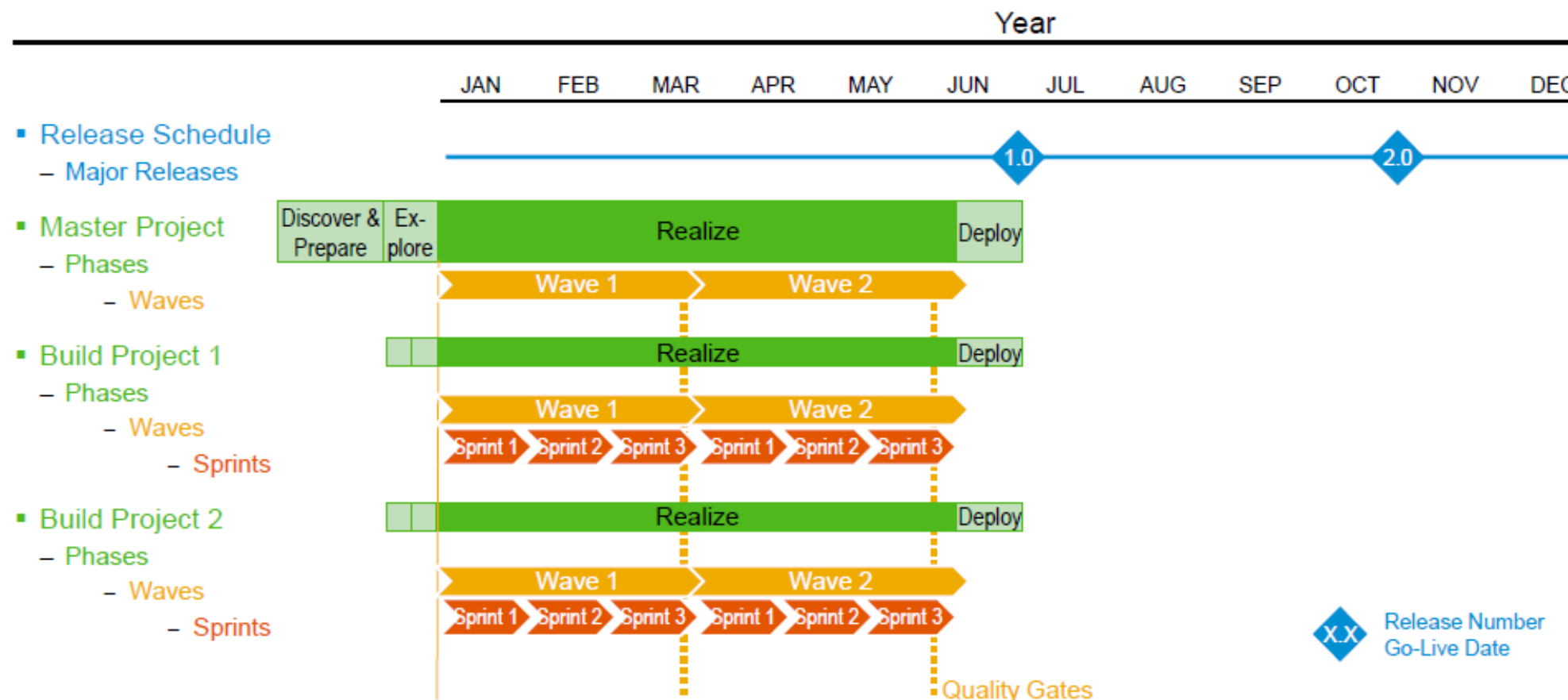
Work Item assigned to a Sprint receiving milestones from Sprint as default due dates



De los Proyectos al Release en proyectos Agiles

Cómo organizarse para lograr los objetivos – graphics

Release example 1 – Synchronized waves across projects



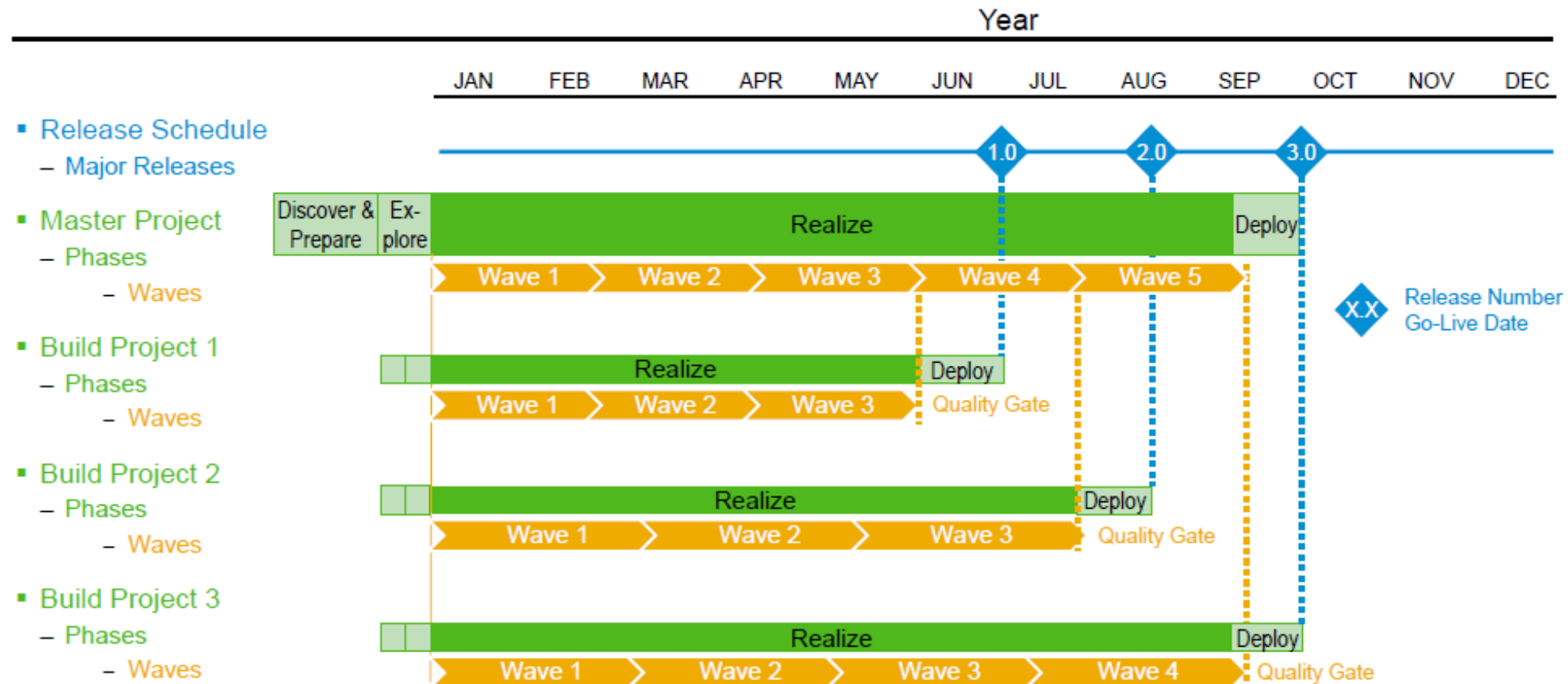
XX Release Number
Go-Live Date



De los Proyectos al Release en proyectos Agiles

Cómo organizarse para lograr los objetivos – graphics

Release example 2 – Independent wave schedule



Focused Build Analytics

Available dashboards to support related Release and Project phases

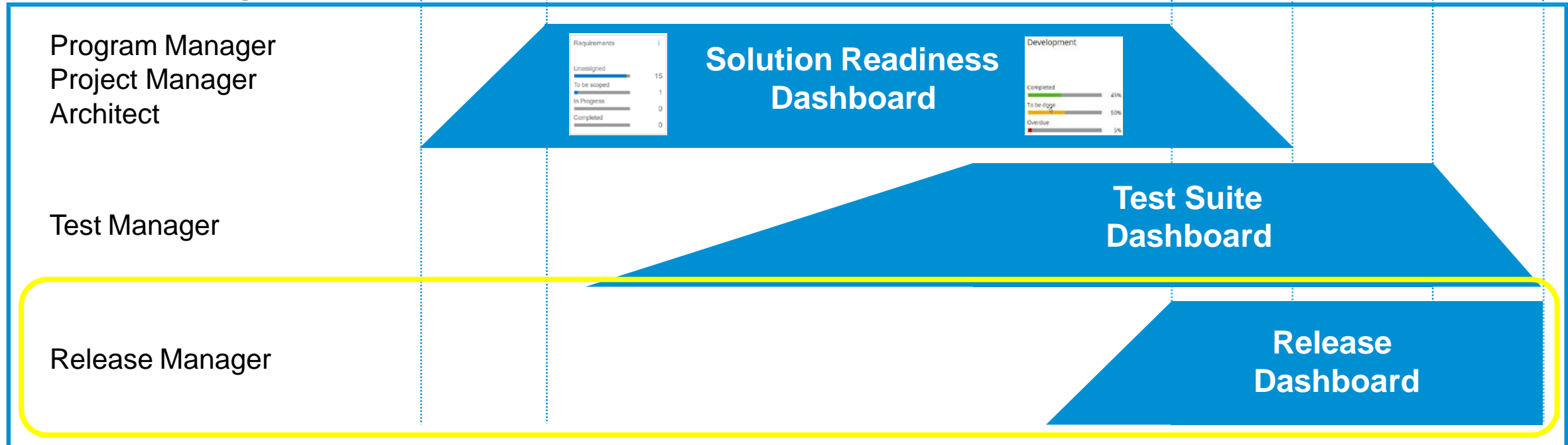
Release Phases



Project Phases



Dashboard usage



Roles Focused Build

Program Management



Program Manager



Meth. & Tool Lead



Quality Manager



Release Manager

Project Management



Project Manager



Solution Architect



Development Architect



Test Manager

Project Execution



Business Process Expert



Developer



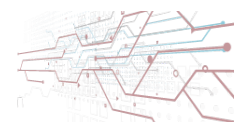
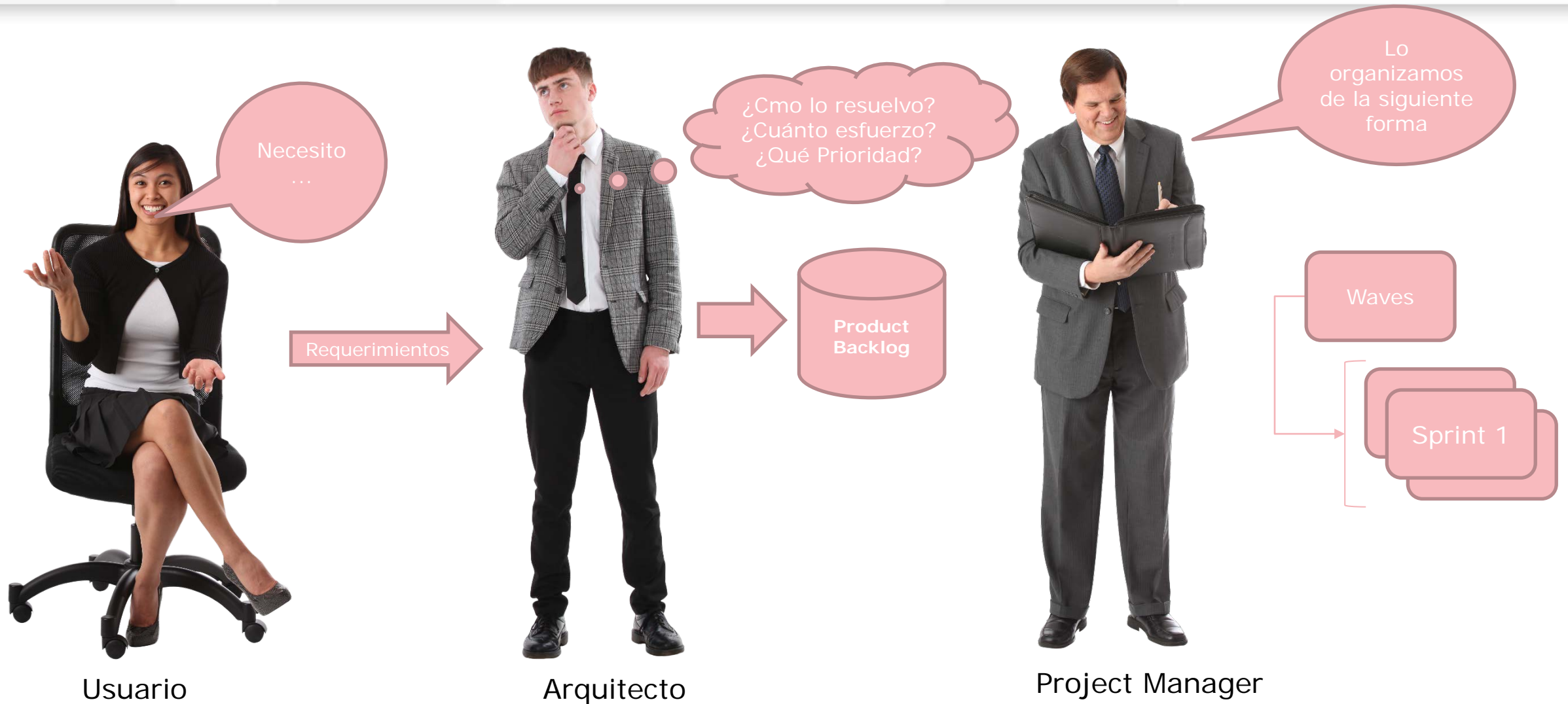
Test Coordinator/
Tester



IT Operator

Requerimientos, Waves y Sprints

Webinar del Requerimiento a la Construcción

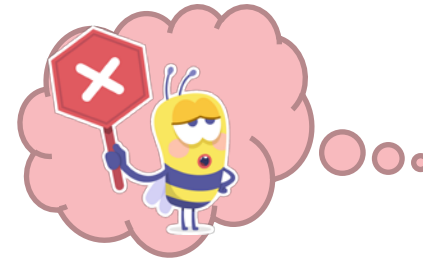


Testing y Finalizar Webinar Testing Aplicado

Construcción,
Unit Test, SFT,
Func.Int. Test (Preliminar),
UAT,

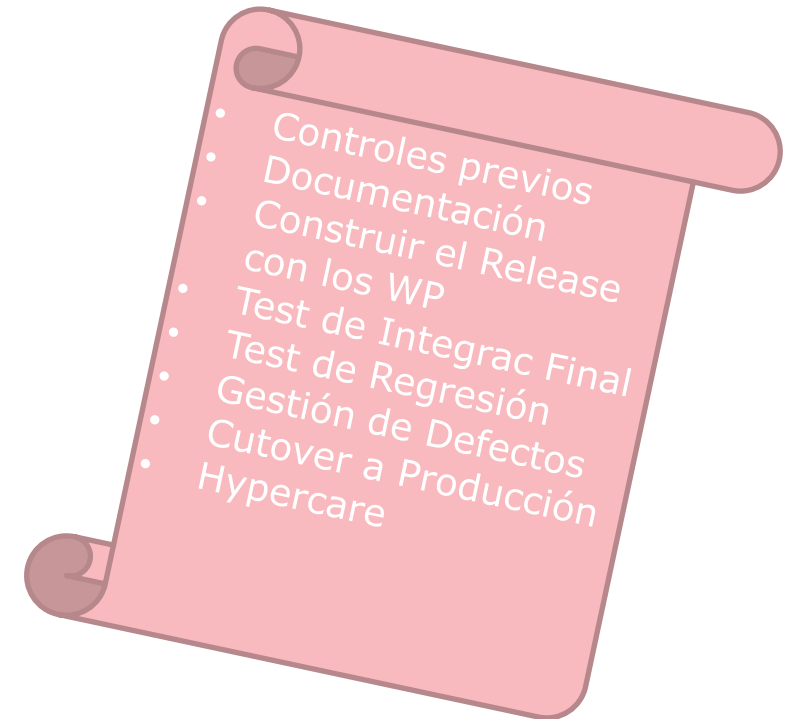


Test Manager



Desarrollador





Release Manager



La barrera ANTES de Preproducción

Pre-Producción

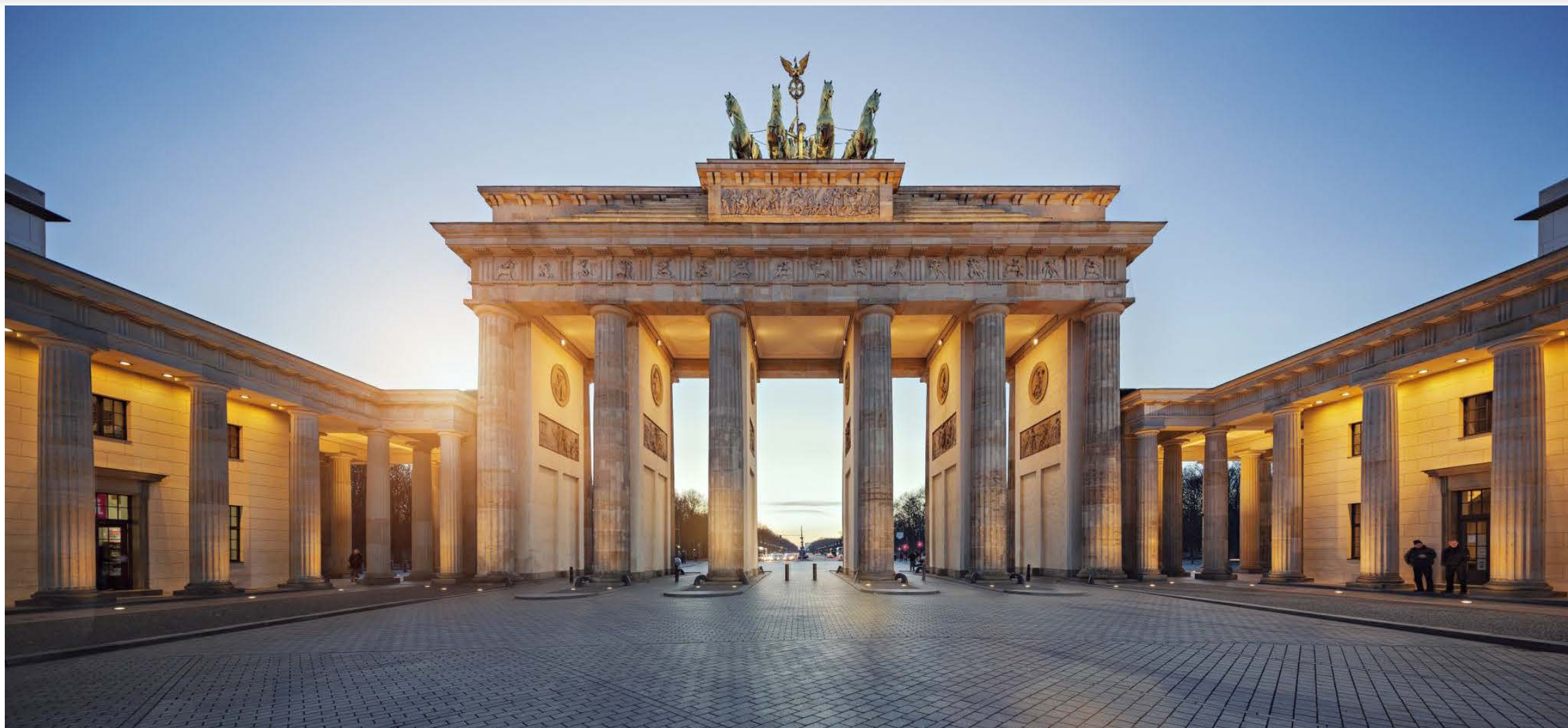


Release Manager

Producción



El paraíso



El triunfo!!!!

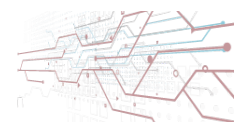
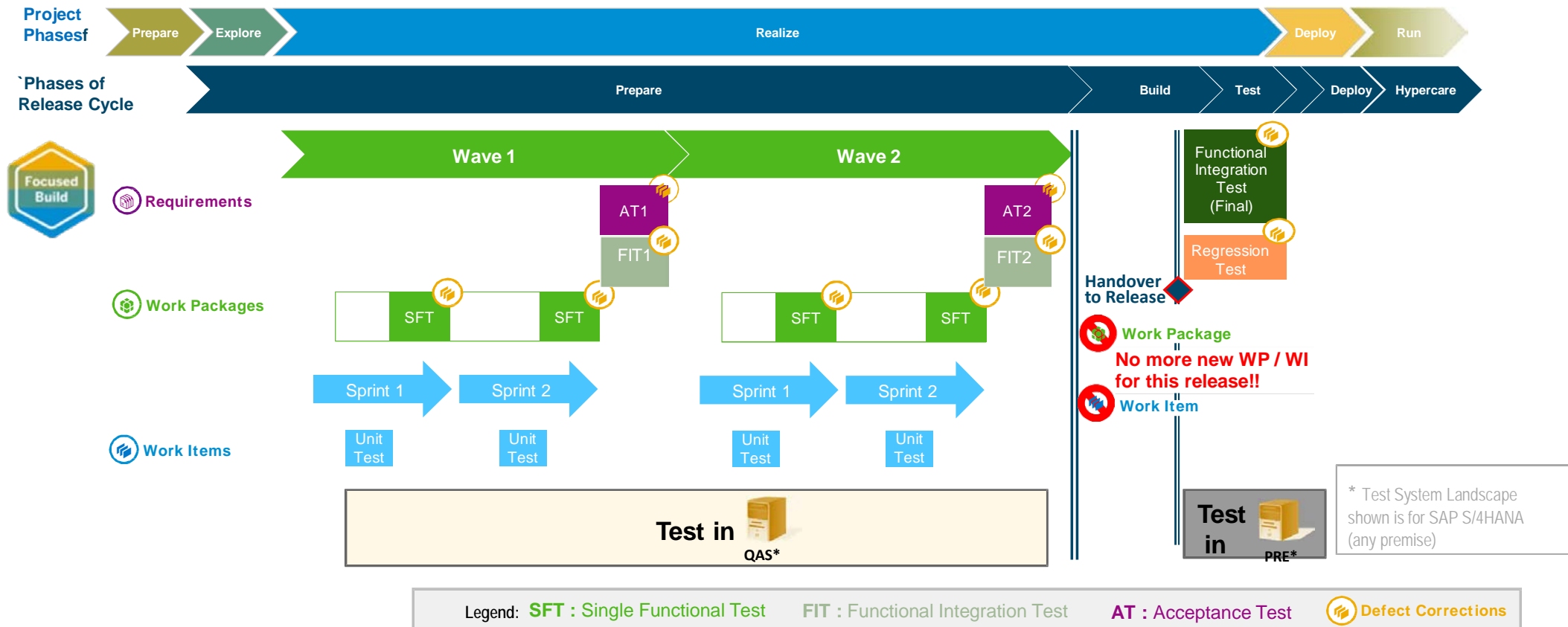


- e Roles de proyecto:
 - ➔ Release Manager, Change Manager
- e Responsabilidades:
 - ➔ Definir y desplegar la estrategia de release de todos los proyectos
 - ➔ Organizar y preparar Quality Gates, p.ej. Hand-over to Release
 - ➔ Asignar los transportes que son parte de un release o que se posponen para el próximo
 - ➔ Decidir si la documentación de la solución es suficiente para el Go-live o moverla al próximo release
 - ➔ Construir los releases y cambiar las fases de cada uno
- e Tareas:
 - ➔ Realize
 - Revisar y definir el concepto de importación y planificar Jobs de importación
 - Verificar la calidad del release planificado y decidir el Hand over to release
 - Importar cambios a Pre-producción
 - ➔ Deploy
 - Construir releases
 - Cambiar la fase del release a Test
 - Preparar release para implementar
 - Cambiar fase de release para implementar
 - Importar todos los cambios a producción
 - Cambiar la fase de de release a Hypercare
- e Salidas:
 - ➔ Manejar Q-Gates
 - ➔ Construir, testear y validar Release + Hypercare



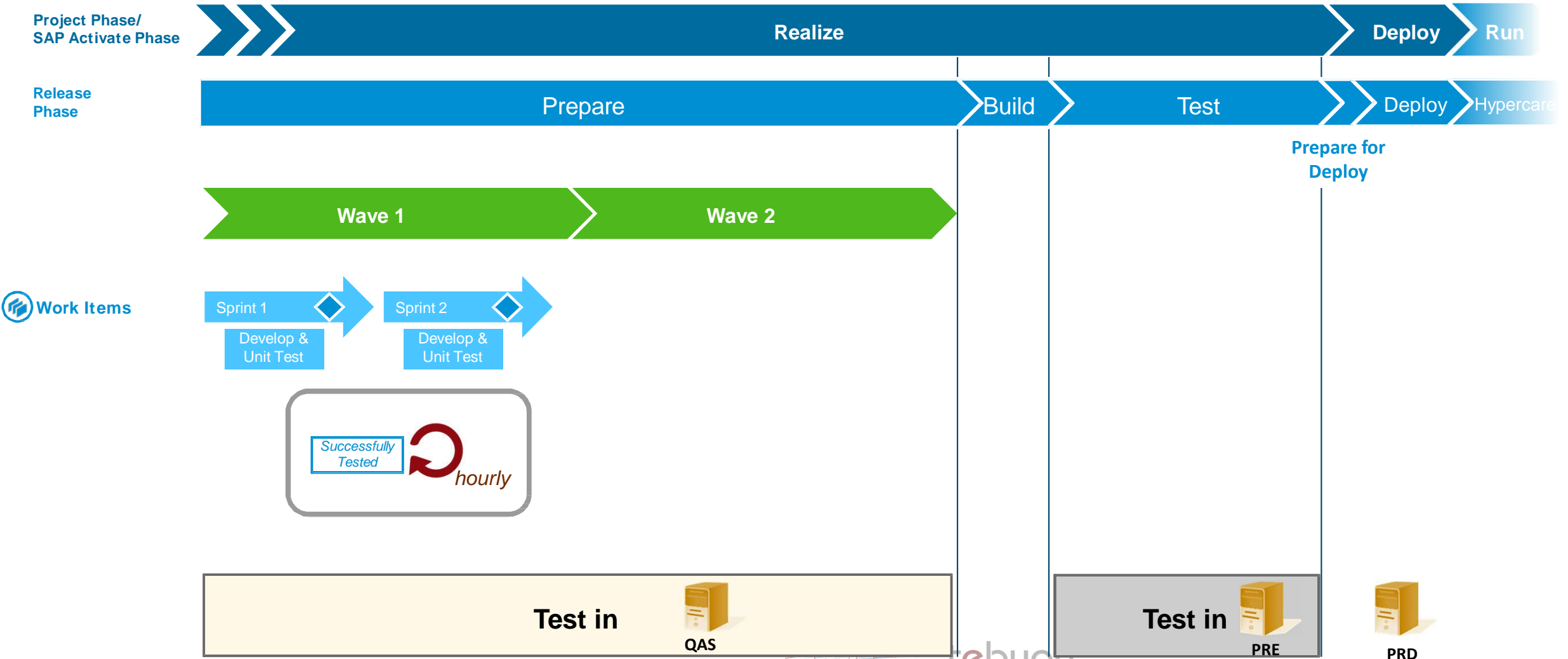
Project Manager

Estructura de Proyecto EJEMPLO con 2 waves, de 2 sprints



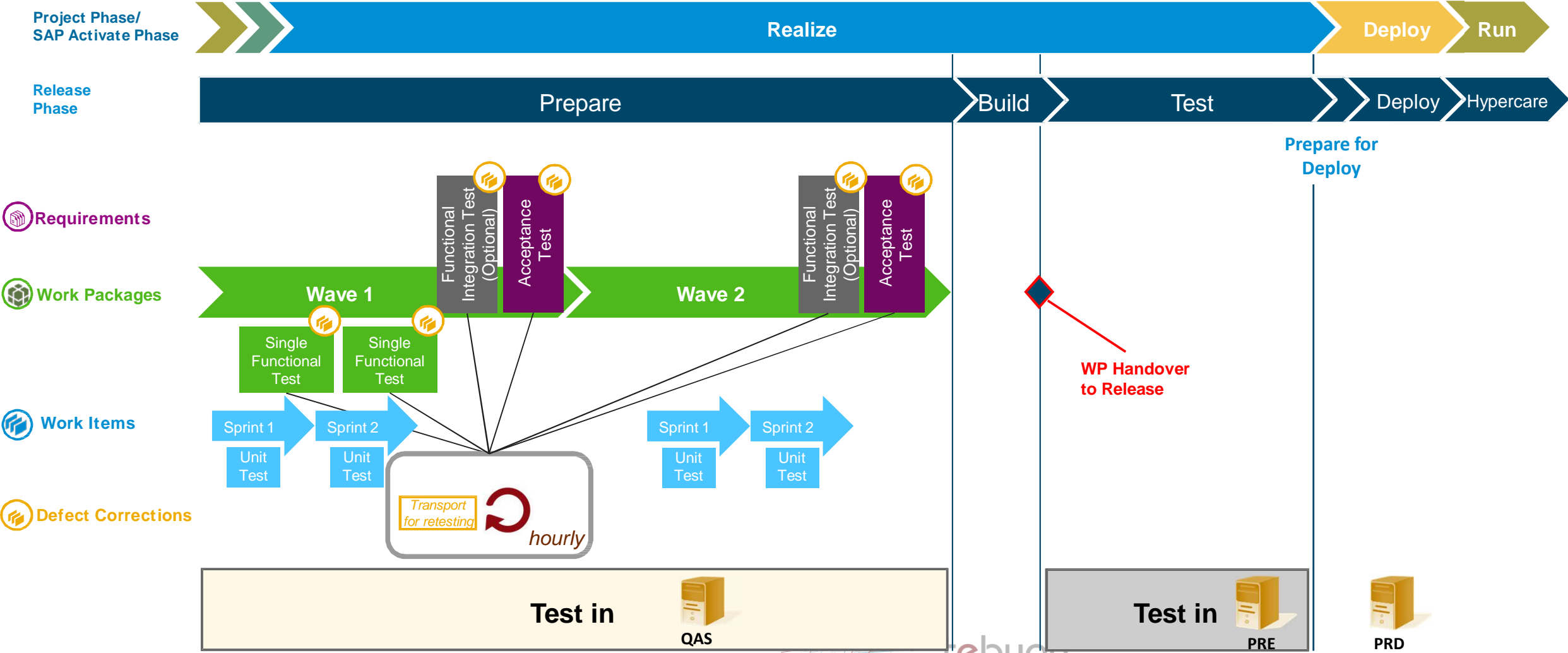
Importar Work Items que pasaron exitosamente el Unit Test

Recommended frequency: Hourly




Importar Defect Correction para Testing en QAS

Recommended frequency: Hourly

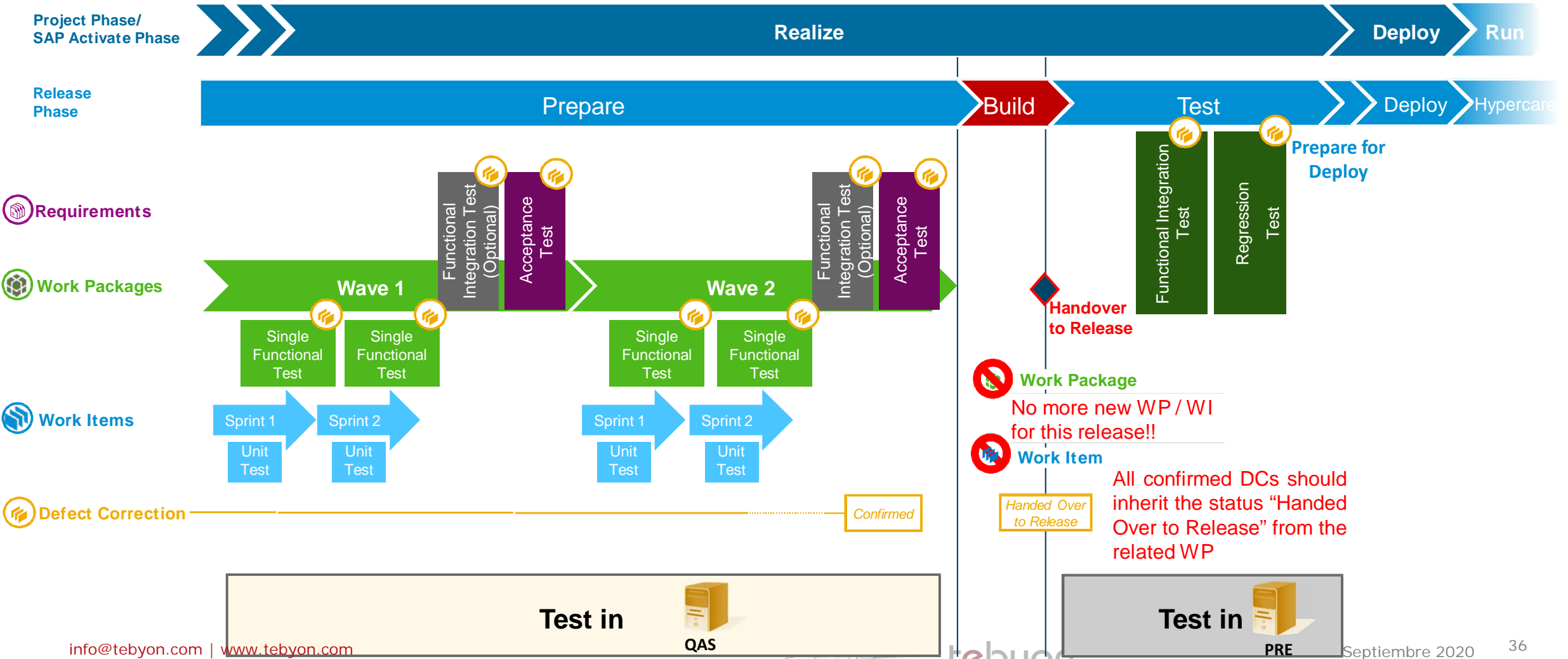


Cambiar Release a la fase "Build"

Release Management
Release Planning




Release Manager

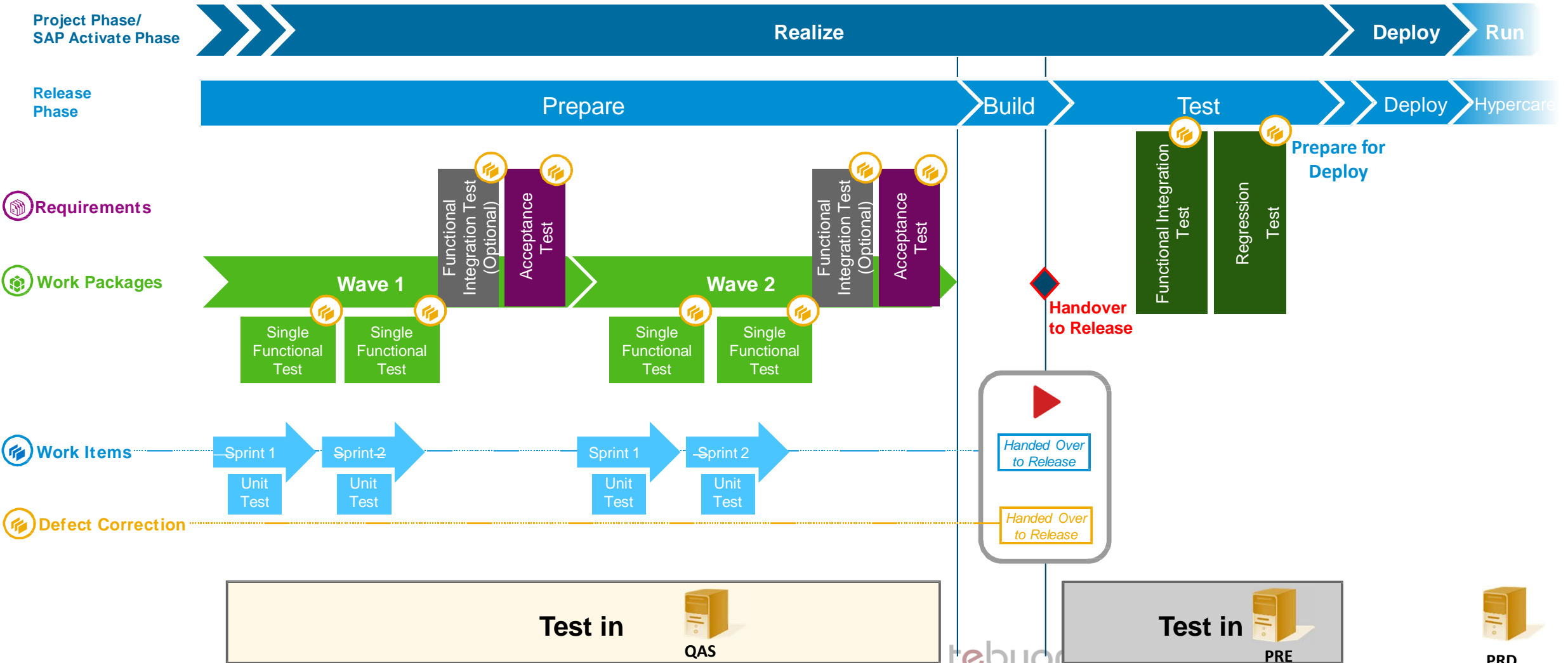


Importar Cambios desde WI y DC a PRE para Integración Final



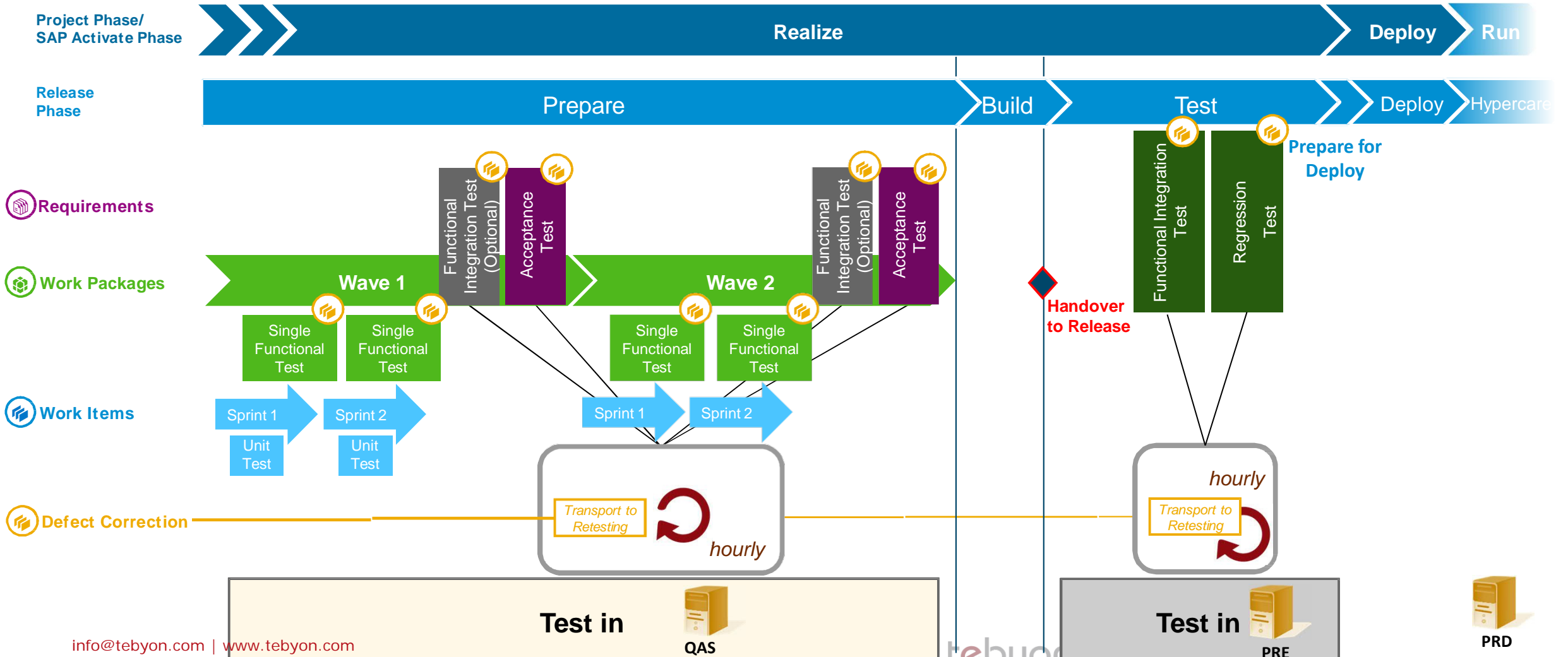
Release Manager

One time activity

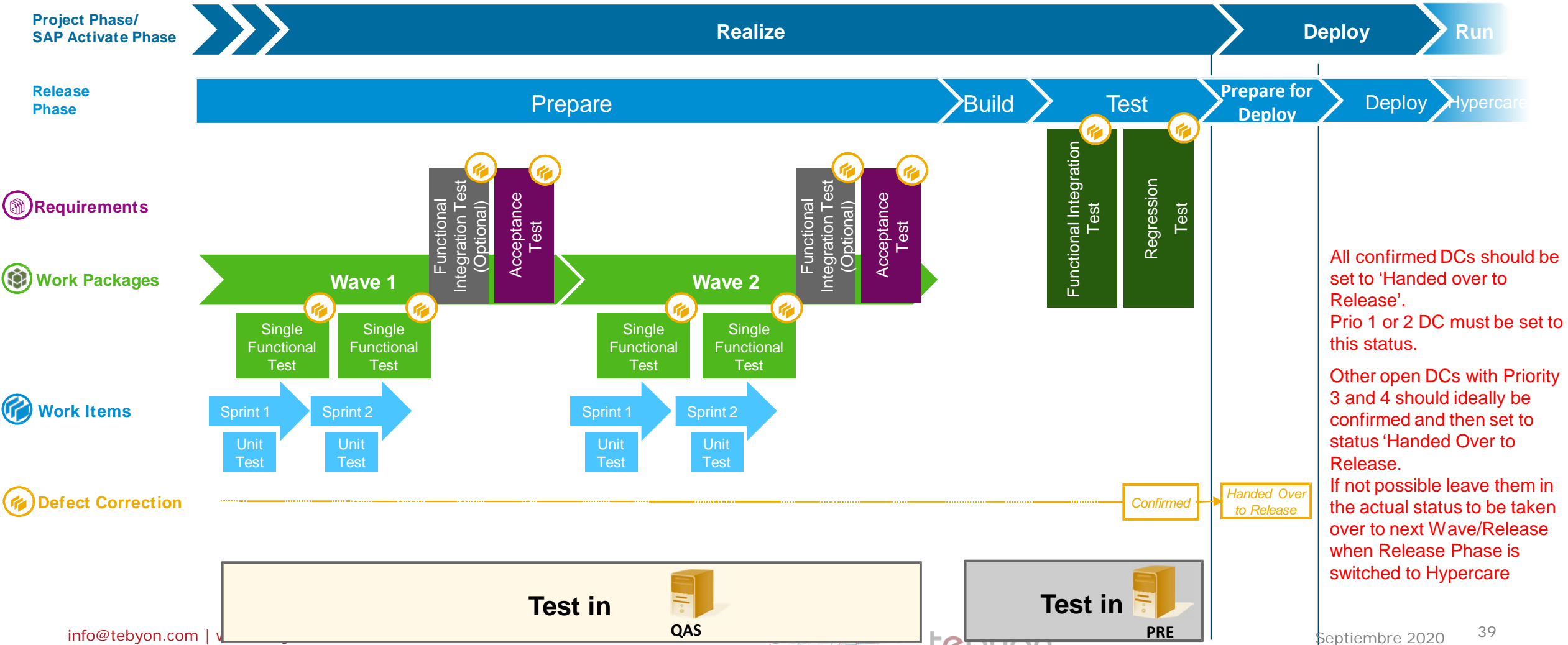


Importar Defect Corrections de proyecto que pertenecen a Testing en PRE

Recommended frequency: Hourly



Preparación para cambiar Release a la fase "Deploy"



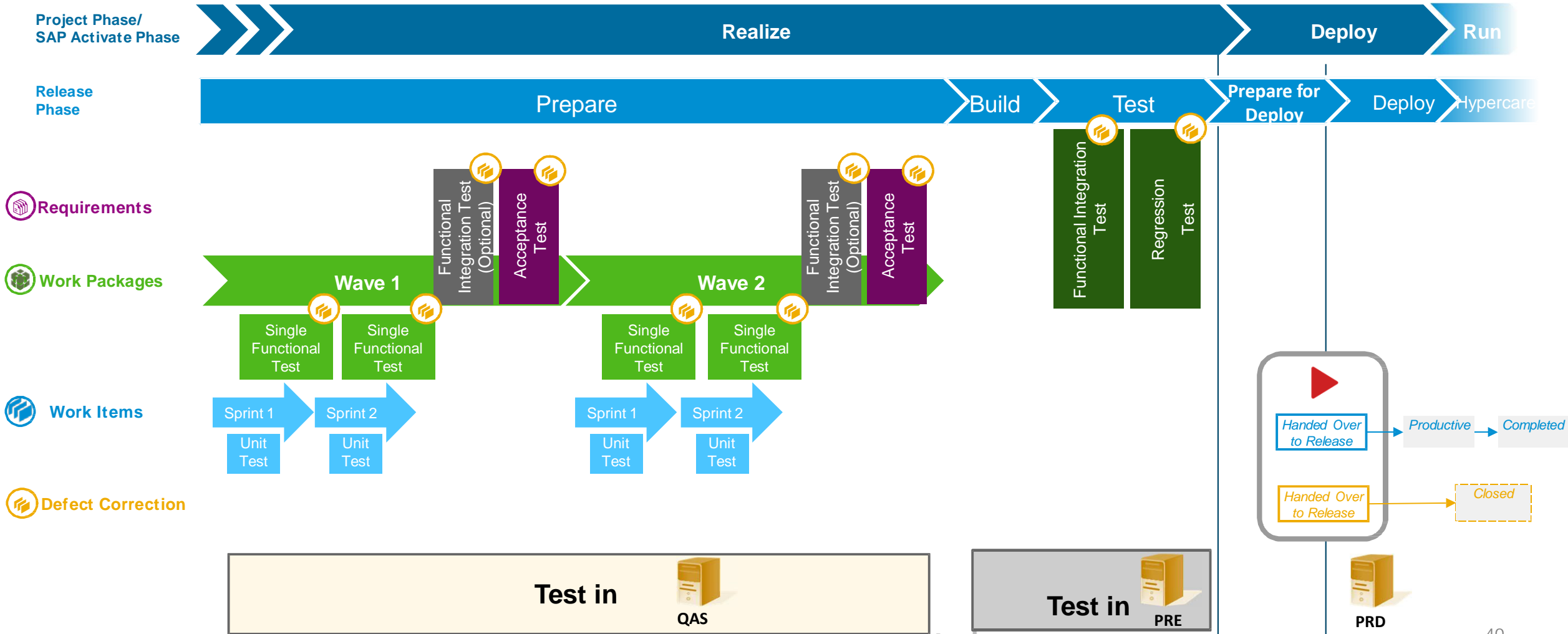
All confirmed DCs should be set to 'Handed over to Release'.
 Prio 1 or 2 DC must be set to this status.

Other open DCs with Priority 3 and 4 should ideally be confirmed and then set to status 'Handed Over to Release'.

If not possible leave them in the actual status to be taken over to next Wave/Release when Release Phase is switched to Hypercare

Importar todos los Cambios desde WI y DC a Producción

Implementación de Release



Testing Types

Definición



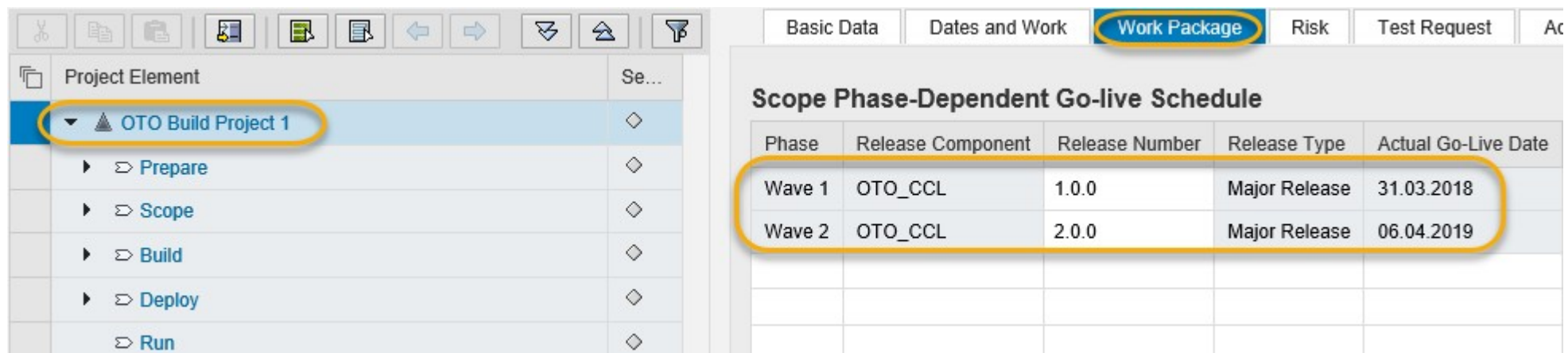
Tipos de Test	Nivel de Test	Requerimiento de Test	Definición	Sistema de Test
Unit Test	Sprint	Work Item (Tech. Design)	Test para asegurar que el trabajo fue implementado correctamente (e.g. WRICEF, Config)	QAS
Single Functional Test	Wave	Single Work Package (Func. Spec)	Test de la función de negocio para asegurar que la funcionalidad fue implementada correctamente. <i>SFT de un Work Package (WP) puede ser ejecutado cuando todos los WI de un WP han sido testeado unitariamente con éxito.</i>	QAS
(Business) Acceptance Test	Wave	Work Packages (Requirement)	Validación de una funcionalidad requerida por parte el solicitante. <i>Después de la validación, los WP y los Defect Corrections correspondientes van a estar listo para handover to release.</i> <i>(Este es el test más importante, todos los WP con status 'Handover to Release', todos las Ots asignadas van a terminar en PRD)</i>	QAS
Functional Integration Test (Optional)	Wave(s)	Related Work Packages (Process with requirements)	Validación de los procesos modulares. <i>(Puede incluir los tests de Waves anteriores)</i>	QAS
Functional Integration Test (Final)	Release	E2E Processes	Tests E2E de la funcionalidad nueva o extendida, validando los procesos E2E. <i>(Recordar que todos los transportes en WP /DC que están handover over to release van a salir en producción)</i>	PRE
Regression Test	Release	Productive Processes	Test de los procesos o funciones ya productivas	PRE

* Excluding: Data Migration Tests; End User AT DR; Performance Tests, ... Technical System Tests



Concepto de Release Management en Focused Build

- e Para pasar a producción TODO se maneja a través del Release
- e WPs → Wave
- e Wave(s) → Release
- e WPd de una Wave o de un proyecto se despliegan en producción TODOS juntos



The screenshot shows the SAP Release Management interface. On the left, a tree view under 'Project Element' shows 'OTO Build Project 1' expanded, with sub-elements 'Prepare', 'Scope', 'Build', 'Deploy', and 'Run'. The 'Work Package' tab is selected in the top navigation bar. The main area displays a table titled 'Scope Phase-Dependent Go-live Schedule' with the following data:

Phase	Release Component	Release Number	Release Type	Actual Go-Live Date
Wave 1	OTO_CCL	1.0.0	Major Release	31.03.2018
Wave 2	OTO_CCL	2.0.0	Major Release	06.04.2019

Release Phases - Introducción

- Los releases tienen diferentes fases las cuales tienen un sentido semántico definido.



- Las fases de un release también controlan cuáles actividades son posibles respecto de WP y WI → asignación al release, importación de transportes

Release: 8000002282, CORP_SOLUTION_ERP Release 1.0

STATUS OVERVIEW: 1 Created, 2 **Prepare**, 3 Build, 4 Test, 5 Deployment preparation, 6 Deployment, 7 Hypercare

Release Details:

ID	8000002282	Solution Description	Corporate Solution (used for demos -do not touch!)
Description	CORP_SOLUTION_ERP Release 1.0	Release Type	Major Release
Status	Prepare	Branch Name	Development
Release Number	1.0		

Dates:

Development Start	13.10.2016	00:00
Development Close	13.10.2016	00:00
Go-Live Date	01.12.2017	00:00

DUE DATES:

Phases	Start Date	Time	Time Zone
Time of entry	13.10.2016	17:48	CET
'Scope' Start	13.10.2016	00:00	CET
'Build' Start	13.10.2016	00:00	CET
'Test' Start	13.10.2016	00:00	CET
'Preparation for Go-Live' Start	13.10.2016	00:00	CET
'Deploy' Start	01.12.2017	00:00	CET
'Hypercare' Start	02.12.2017	00:00	CET
'Retired' Start	02.03.2018	00:00	CET

Solution Readiness Dashboard

Solution Readiness Dashboard Reporting

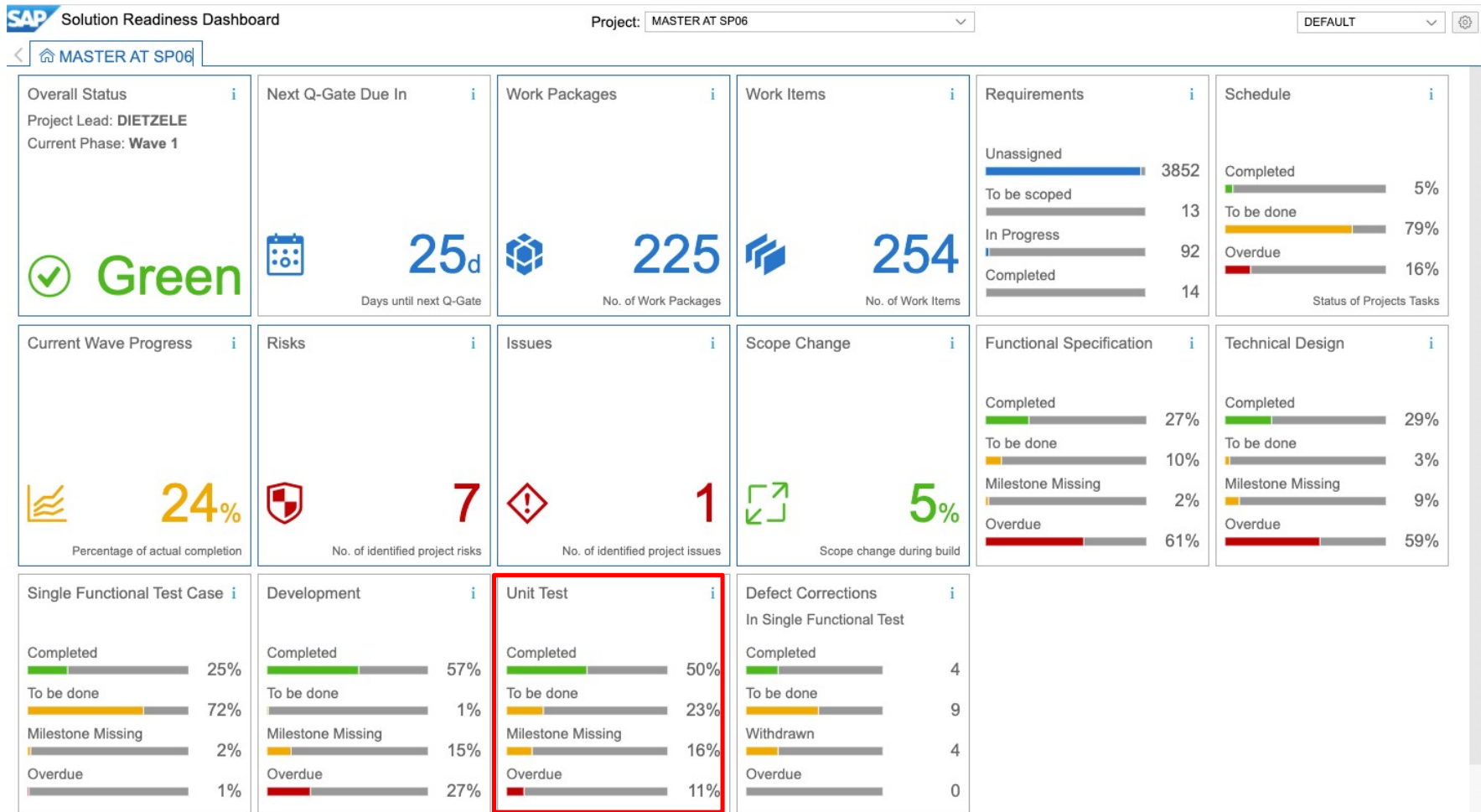


Project Manager



Test Manager

Verifica si todos los Test unitarios se completaron



Test Suite Dashboard


Test Preparation

SAP TEST SUITE DASHBOARD Saved Selections:


Overview **Test Preparation** Test Execution Status Defect Status

> Selection Parameters


Work Packages


8


WP without Test Cases


1

To Be Tested



Solution Architect




Business Analyst



Test Manager

Test Suite Dashboard



Overview **Test Preparation** Test Execution Status Defect Status Traceability Matrix

> Selection Parameters ✕

Work Packages – Test Case Assignment

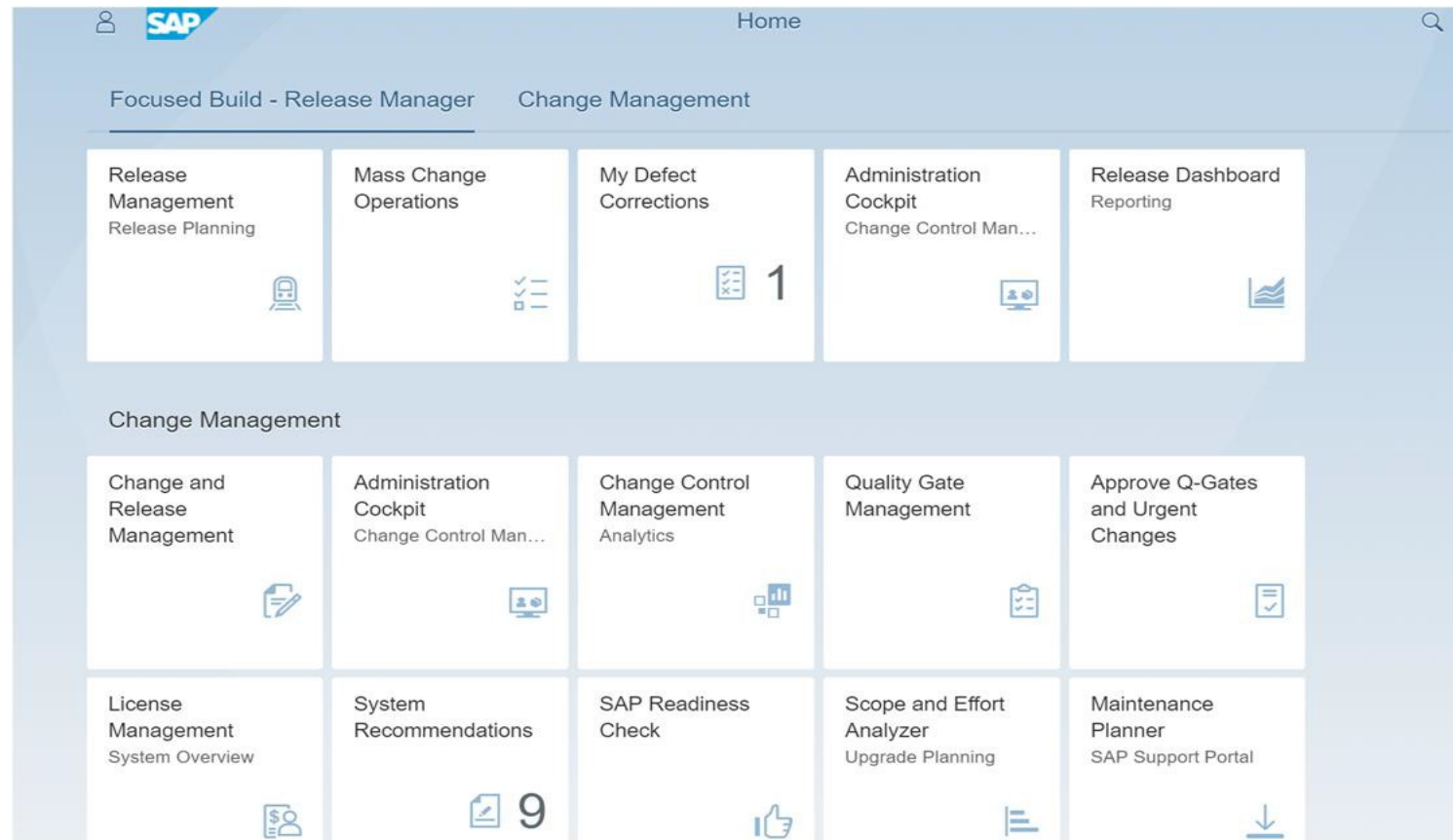
Test Cases (ALL) Work Package Status Work Package Priority Test Plan Classification

↻ Assignment Analysis

Work Package ID	Work Package	Work Package Status	Work Package Priority	Test Case	Test Case Classification	Test Case Owner	Test Case Update
8000004052	J45 Transfer Stock Re...	Handed Over to Release	2: High	SingleFuncTest		Frank Kuehn	02.07.2018 08:30:55
8000004080	J45 Transfer Stock Re...	Handed Over to Release	1: Very High	SingleFuncTest		Frank Kuehn	02.07.2018 08:30:55
8000003986	FKX SolDoc release L...	Scope Finalized	1: Very High				
8000004048	J45 Transfer Stock Re...	Completed	2: High	SingleFuncTest		Frank Kuehn	02.07.2018 08:30:55
8000004110	JUA-05_Create_new_...	To be Developed	4: Low				



Release Manager – Fiori Launchpad



Plan Release

Focused Build - Release Manager

- Release Management
Release Planning
- Mass Change Operations
- My Defect Corrections
- Administration Cockpit
Change Control Man...
- Release Dashboard Reporting
- Release Planning



SAP Solution Manager IT Service Management

Share Personalize System News Log Out

Saved Searches [] Go Advanced

Release Planning

Home
Worklist
Focused Build >
Incident Management >

Recent Items
8000000135 FB_Rel...

Create [] [] []

	Landscape / Release Version	Status	Go-Live	Branch	Cycle Description	July - December 2018		January
						Quarter3	Quarter4	Quarter1
1	FB_Release_OTO							
2	Major Release 1.0	Build	14.10.2018	Development	FB_Release_OTO Release 1.0			Major
3	Major Release 2.0	Created	17.02.2019	Development	FB_Release_OTO Release 2.0			
4	Major Release 3.0	Planned	23.06.2019	Development				



Focused Build – Release Dashboard

Características principales

Release Dashboard

Características

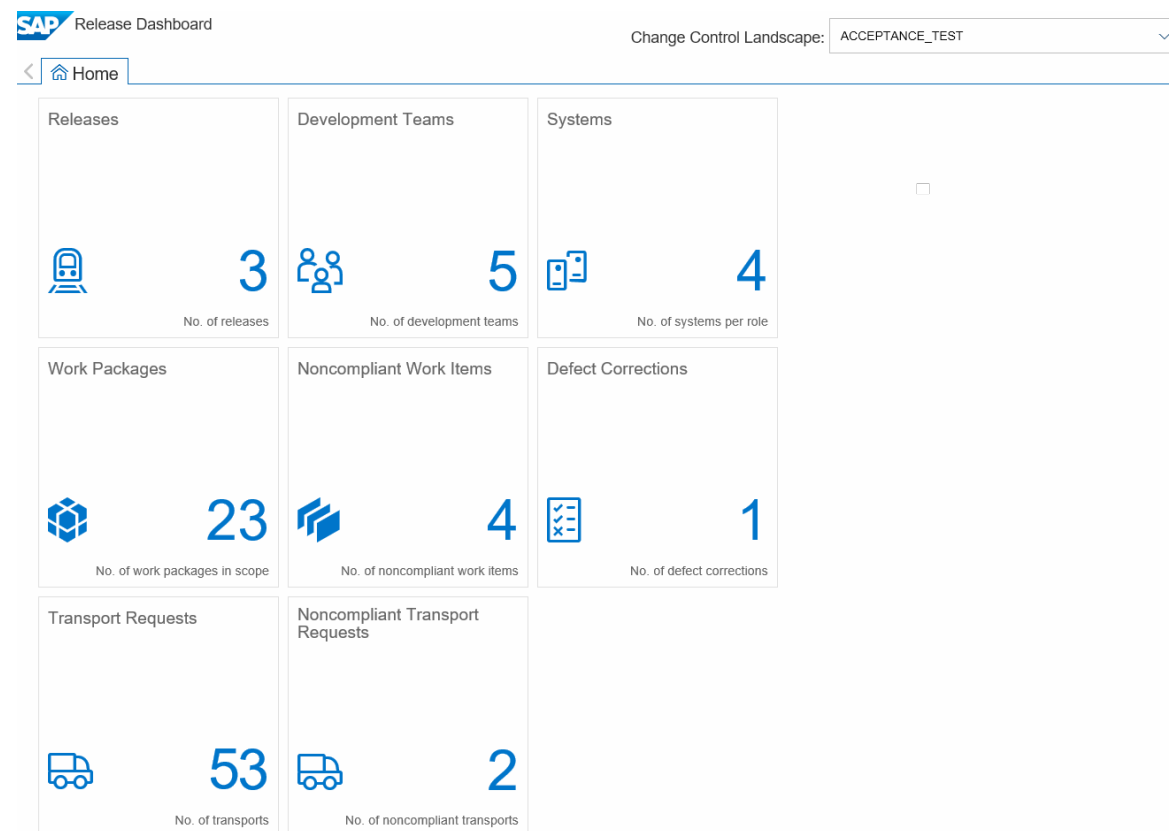
- Profundizar desde las dimensiones arriba de todo hasta llegar al nivel transporte
- Navegación por las migas (breadcrumb) para mostrar el contexto actual
- Opciones de filtro de WP, Defect Corrections y transportes
- Obtener la valoración del rating, para evaluar la completitud del release
- Encontrar los WI y los transportes que no cumplen para la construcción del release para Focused Build.

Beneficios

Control efectivo del release

Identificación fácil de los problemas del release

Realizar análisis detallado



Batch Import

General Options

Use Release Selection
 Release(s) to Import

Use Tasklist Selection
 Tasklist(s) for Import

Import into Production Systems

Import Variant

Allow Transports of Task List without Change assigned

Test Mode (No Import)

Process only Testtransports

E-Mail Notification

Enable E-Mail Notification

E-Mail Adresse

Scheduling Options

Enable Automatic Rescheduling

Minutes until auto restart

Name of Job

Check Options

Downgrade Protection

Enable Downgrade Protection

Transport Rel. Check Framework

Legacy DGP Check

Skip downgrade Transports

Relational Checks

Enable Relation Checks

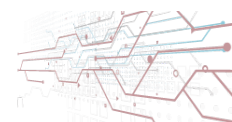
Check Change Doc Predecessors

Check for

Check Work Package Predecessors

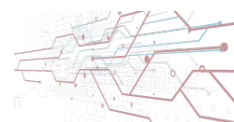
Select the Release or Cycle you want to perform the Import for

Go-Live	Cycle Type	Number	Release No	Transaction Description	Solution Landscape Name
20.11.2016	Minor Release	8000003104	1.1.0	CORPORATE_SOLUTION_FocusedBuild1 Release	CORPORATE_SOLUTION_FB1
26.11.2016	Major Release	8000000359	1.0.0	RELEASESTEST_SUB_1 Release 1.0	RELEASESTEST_SUB_1
03.12.2016	Minor Release	8000000358	1.1.0	BATCHIMP_SUB_1 Release 1.1	BATCHIMP_SUB_1
04.12.2016	Minor Release	8000000136	2.1.0	CORPORATE_SOLUTION_SUB_1 Release 2.1	CORPORATE_SOLUTION_SUB_1
10.12.2016	Minor Release	8000000295	1.1.0	RELEASEDASH_sub_1 Release 1.1	RELEASEDASH_SUB_1
25.12.2016	Minor Release	8000000142	2.2.0	CORPORATE_SOLUTION_SUB_1 Release 2.2	CORPORATE_SOLUTION_SUB_1
31.12.2016	Minor Release	8000000360	1.1.0	RELEASESTEST_SUB_1 Release 1.1	RELEASESTEST_SUB_1
01.01.2017	Major Release	8000001405	1.0.0	RELEASESTEST_SUB_OS Release 1.0	RELEASESTEST_SUB_2
08.01.2017	Major Release	8000001593	2.0.0	RELEASESTEST_SUB_OS Release 2.0	RELEASESTEST_SUB_2
14.01.2017	Minor Release	8000000296	1.2.0	RELEASEDASH_sub_1 Release 1.2	RELEASEDASH_SUB_1
15.01.2017	Major Release	8000000178	3.0.0	CORPORATE_SOLUTION_SUB_1 Release 3.0	CORPORATE_SOLUTION_SUB_1
04.02.2017	Major Release	8000000297	2.0.0	RELEASEDASH_sub_1 Release 2.0	RELEASEDASH_SUB_1
04.02.2017	Minor Release	8000000361	1.2.0	RELEASESTEST_SUB_1 Release 1.2	RELEASESTEST_SUB_1



Ventajas del uso de Focused Build – Release Management

- e Logística en la Gestión de Cambios/Transportes:
 - ➔ Monitoreo de todos los elementos que hacen al Release: Wave, Sprint, WP y WI, defectos y defect corrections y los transportes
- e Menor esfuerzo, mayor control, mejores herramientas
 - ➔ CSOL, Downgrade, Cross Reference, Blacklists
- e Herramientas centralizadas
 - ➔ No más excel de importación de cambios
 - ➔ Secuenciamiento de transportes en el orden correcto, por fecha de liberación y tipos de objetos
 - ➔ Menos errores
- e Visibilidad de todos los integrantes de los proyectos
- e Uso de Pre-Producción para garantizar la calidad y estabilidad del release ANTES de llegar a Producción



- e Para gestionar la operación el camino a evaluar es:
 - ➔ Armar el esquema de soporte a la operación:
 - Montar las herramientas de ITSM: Gestión de Incidentes, Problemas, etc.
 - Definir la gestión de la demanda post-implementación: ITSM: Business & IT Requirements
 - Montar las herramientas de control de cambios: ChaRM con ciclos de mantenimiento → releases en mantenimiento
 - Gestión de los procesos y la documentación relacionada en el mantenimiento → Process Management y SolDoc
 - Gestión del Testing en el mantenimiento, incluyendo análisis de impactos, y automatización → Test Suite + BPCA + CBTA
 - Doble Landscape y Retrofit



Take Away – Release Management

- e El release es la puerta a PRD → NO ES UNA TAREA MERAMENTE TÉCNICA
 - ➔ El rol de Release Manager NO es un basis, es la persona que debe asegurar la estabilidad del Sistema Productivo
 - ➔ El Release Manager debe trabajar en conjunto con Test Manager para considerar la calidad del producto
- e Debe estar a la altura de los Project Manager o Program Manager, deben trabajar en conjunto para definir el contenido mínimo que debe pasar en conjunto a producción
- e La planificación del Release tiene que hacerse en conjunto con las Waves que se van a implementar
 - ➔ Las Waves tienen que implementar un conjunto de funcionalidades claras, integradas
- e Es muy importante el concepto de Pre-Producción para asegurar la calidad del release, y que no afecte negativamente a producción
- e Las barreras antes de PreProducción y antes de Producción tienen implicancias funcionales y técnicas





Muchas Gracias

