

DT263

Agile Transition to SAP S4HANA with SAP Solution Manager and Focused Build

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Agenda

Introduction

SAP Readiness Check Analysis and Simplification Item Management

- Demo

Prepare your project and run Easy Project Setup to create projects

- Demo
- Exercise

Transform Conversion Activities into Requirements, Work Packages or Projects

- Demo
- Exercise

How to do Backlog Planning with Focused Build

- Demo

How to do project reporting with Focused Build

- Demo

Introduction



The Application Lifecycle Management Product Portfolio of SAP

SAP Solution Manager

available for hybrid customer solutions



Fully integrated ALM suite for
on-premise-centric medium and
larger customers

Focused Run



Application Operations for
service providers and
large / very large customers

SAP Cloud ALM

SAP S/4HANA Cloud



Starting with the Implementation
portal for cloud-centric small and
medium customers

Three Different Change Paces in Requirements-to-Deploy

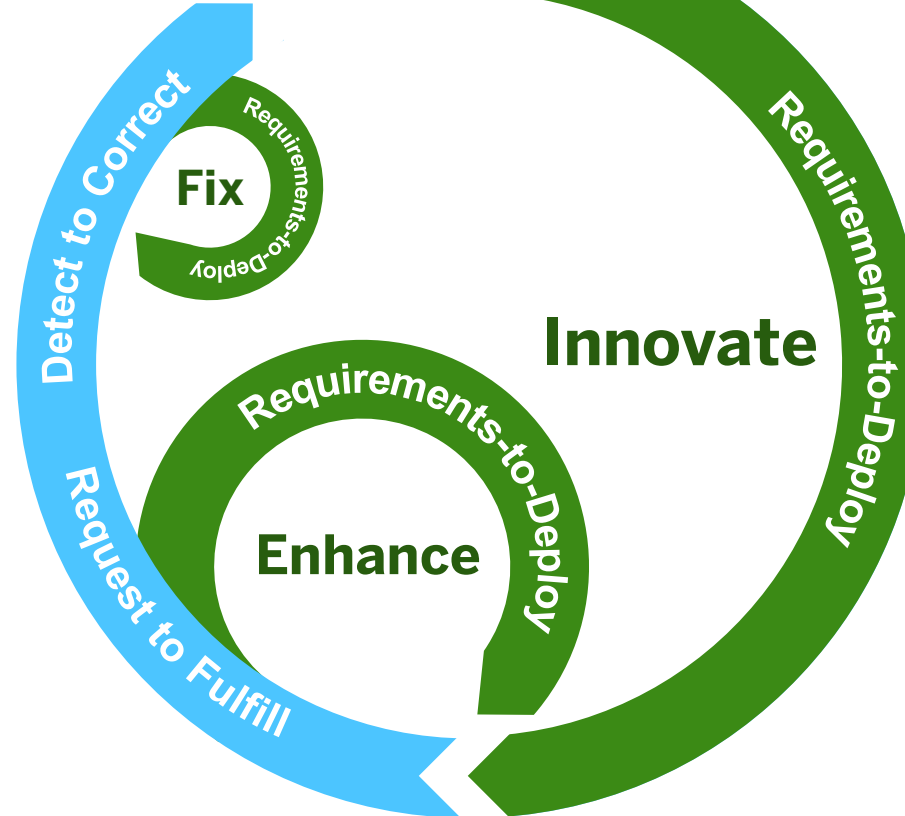


Fix	
Trigger	Business disruption or standard change
Scope	Small
Process Impact	None
Approval	Individual
Deployment	Unbundled on request or bundled with release
Time to delivery	1 day – 1 week

Enhance	
Trigger	Improvement request
Scope	Medium
Process Impact	Minimal
Approval	Individual
Deployment	Bundled with release
Time to delivery	1 month

Portfolio to Project

S/4HANA Conversion Project Support provided with Focused Build SP06 as additional starting point for Requirements-to-Deploy



Innovate	
Trigger	Transformation projects, new solutions
Scope	Large
Process Impact	Significant
Approval	Pre-Approved
Deployment	Bundled with release
Time to delivery	3-12 months



Transparent Requirements-to-Deploy

Incremental Deployment with constant Feedback Loops with the Business



Releases synchronize project go-lives and ensure continuous delivery and integration.



Project to bundle deliverables
Multiple and parallel projects are possible



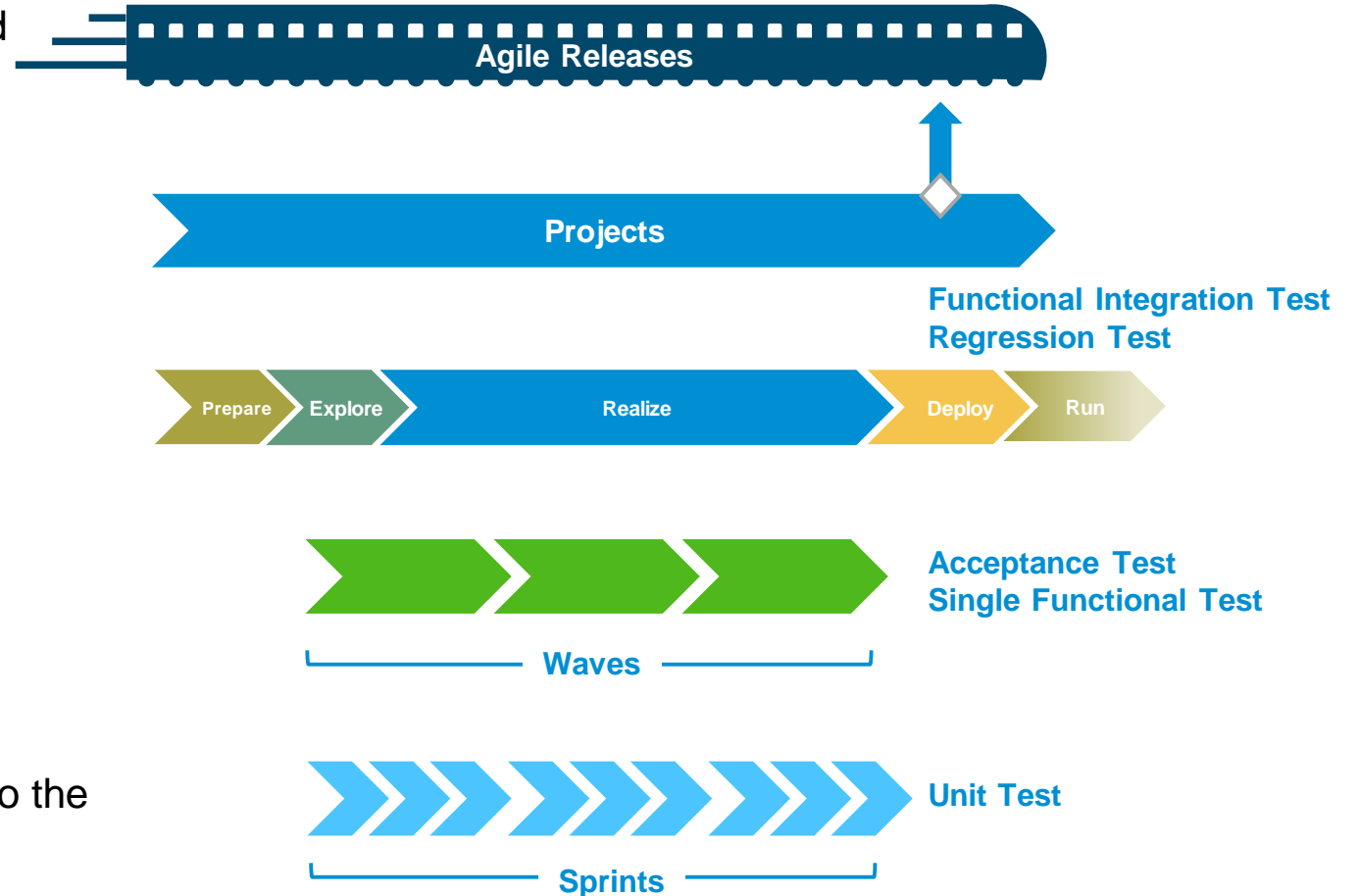
Phases ending with **Quality Gates**.
Short prepare and scope, incremental build



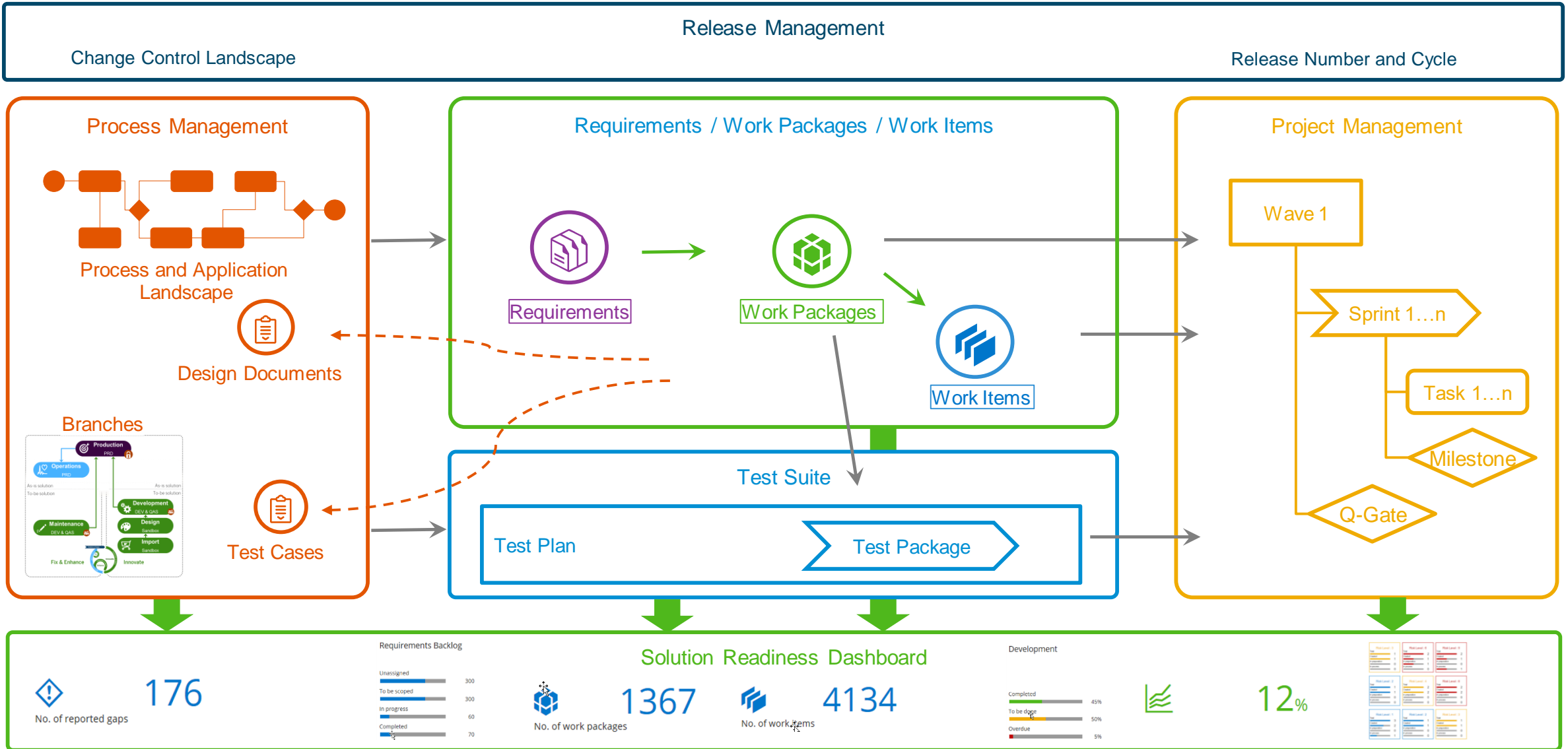
Waves ending with **Touch and Feel**
by the business (~ 8-12+ weeks)



Sprints with **Show and Tell** sessions to the
business (~ 2-4 weeks)



Focused Build – Architecture Overview and Integration Model



The Way to S/4HANA - Greenfield or Brownfield?

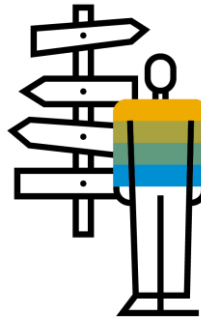
Greenfield

With a new implementation, you build a new SAP S/4HANA system.

Either you cut over to the new system (the so-called “big bang” scenario)

or

you migrate the individual business units sequentially from your legacy SAP ERP application to the new system (“a phased rollout”).



Brownfield

With a system conversion, you turn your existing SAP ERP system into an SAP S/4HANA system.

Technically, the system conversion is a one-step procedure with a single downtime.

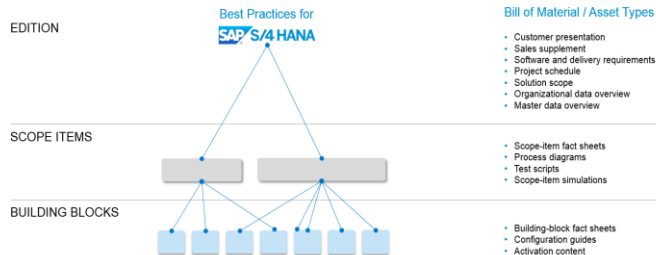
95% of all customers decide for one of these both options.

How to start Greenfield Projects: Use SAPs Predefined Content

Model Company and Best Practices

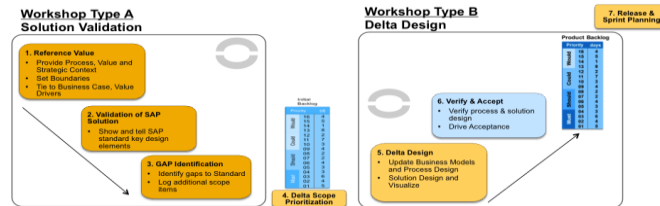
Start with SAP's Rich Best Practices

Early available in the project!



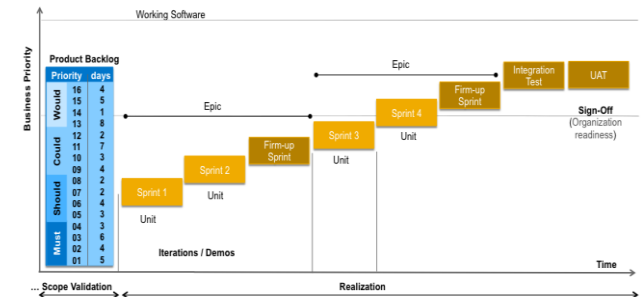
Solution Validation instead of traditional Business Blueprint

Fit/Gap workshops with customer at the steerwheel to drive priorities



Agile Build

Tailor the solution in short time-boxed sprints with frequent inspection points by the customer



- Import SAP BP processes and content (e.g. SAP Model Company)



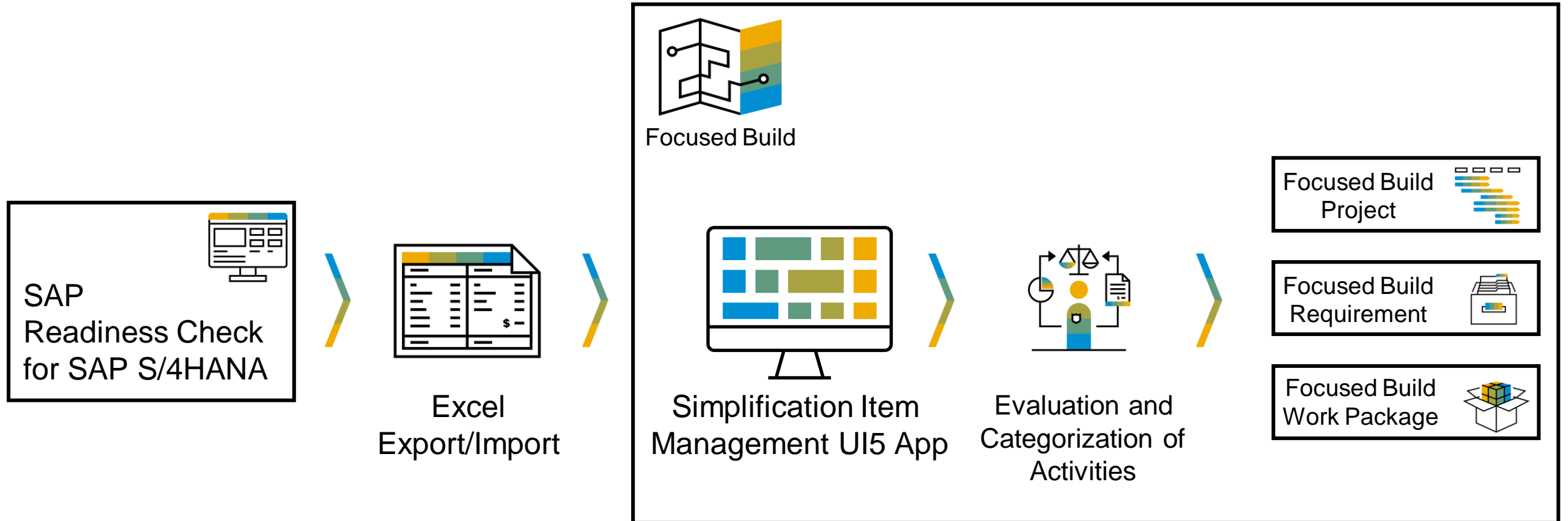
- Model Business processes
- Collect Requirements for each gap / WRICEF
- Build a Work package backlog



- Define Waves & Sprints
- Break Down Work in Work items and tasks
- Perform short iterations of dev, config & testing

How to start Brownfield Projects: S/4HANA Conversion Project Support

Integration Readiness Check in Focused Build



SAP Readiness Check Analysis and Simplification Item Management



Analyse your existing SAP ERP Landscape



Analyse

usage and configuration
data of your current
landscape



Determine

conversion compatibility
and required preparation
steps



Access

results in interactive
dashboard for easy
analysis

Covered Aspects



Active Business Functions

Find out how many business functions are active in your system and whether they are compatible with SAP S/4HANA.



Add-on Compatibility

See how many add-ons are installed in your system and whether they are still compatible with SAP S/4HANA.



Recommended SAP Fiori Apps

Identify the SAP Fiori apps that best fit your needs based on your historical transaction volume and usage.



Business Warehouse Extractors

View how many extractors for SAP Business Warehouse exist in your ERP system and if they work with SAP S/4HANA.



Simplification Items for SAP S/4HANA

View new and updated data structures / architectures in SAP S/4HANA to determine if they are relevant to your processes.



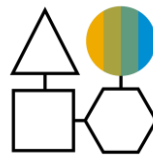
Business Process Analytics

Analyse the state of your processes to determine any clean-up requirements before migrating to SAP S/4HANA.



Custom Code Analysis

Analyse the impact of custom code by knowing which SAP objects have been changed or removed in SAP S/4HANA.



SAP Custom Development Projects

View solutions built for your business by SAP Custom Development to evaluate if needed with SAP S/4HANA.



Data Volume Management

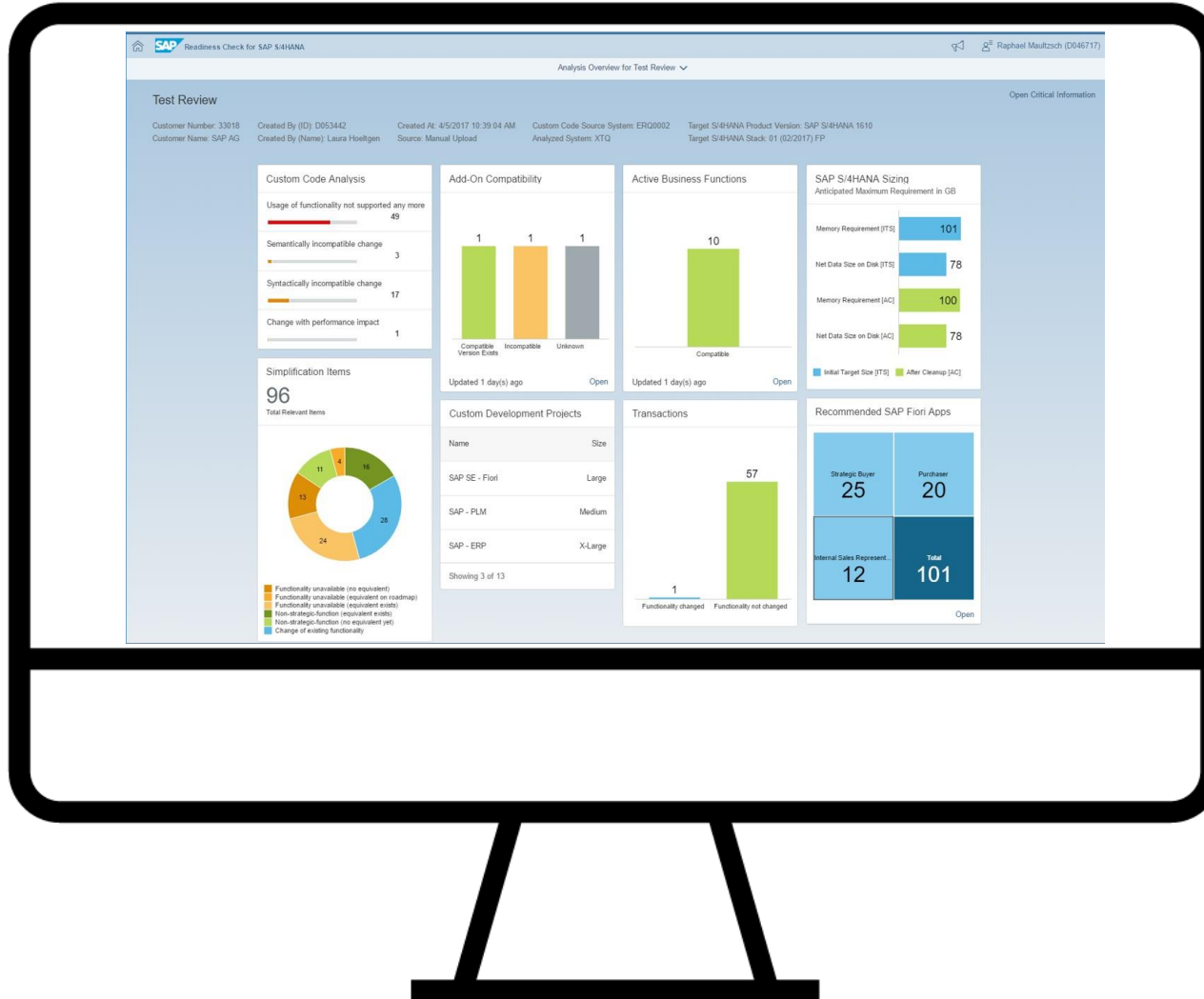
Plan for migration with insight into the size of your existing database and archiving potential for 12 or 24 months



Sizing for SAP S/4HANA

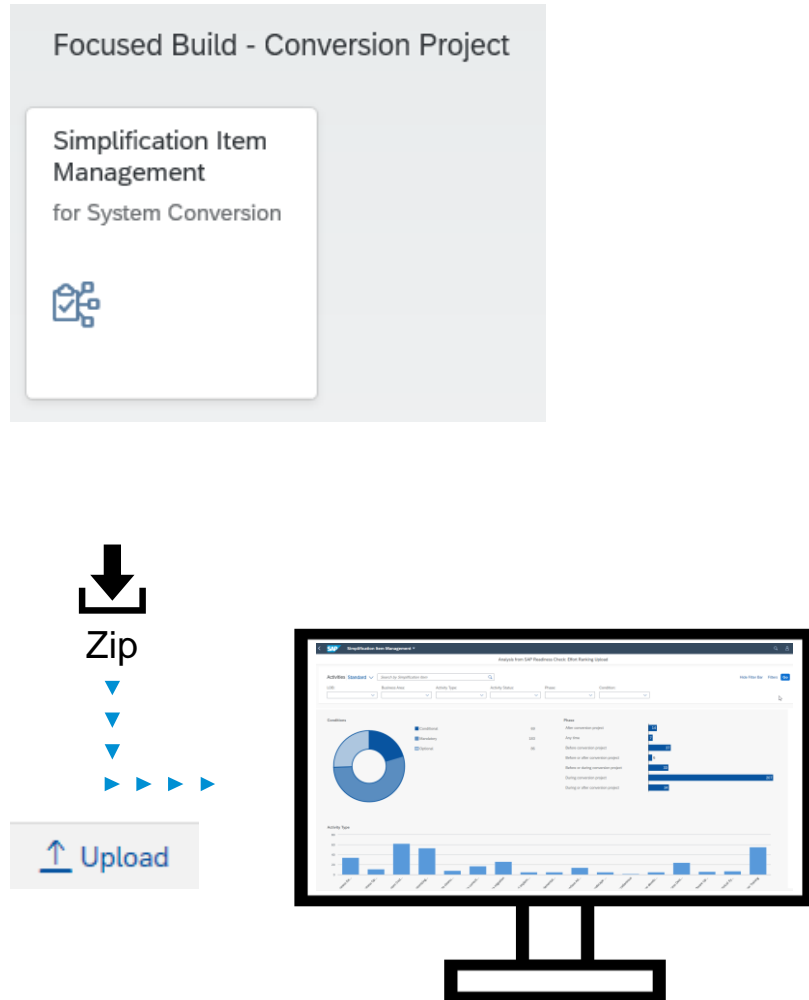
Estimate your sizing for the initial installation based on the existing system and after a data clean-up.

Interactive Dashboard shows Readiness Check Results



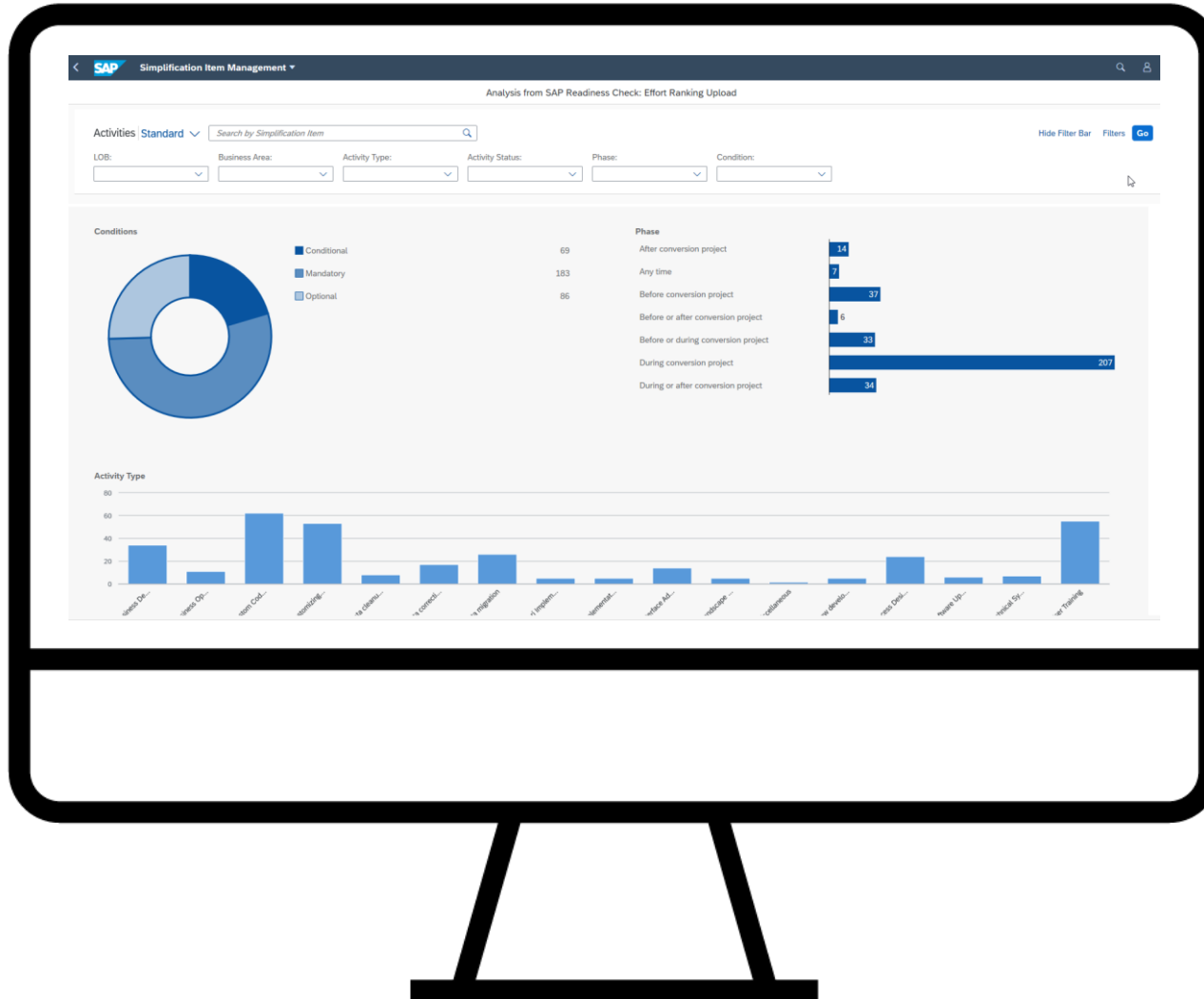
- Detailing the respective Activities related to each Simplification Item
- Categorizing Activities in mandatory, conditional or optional
- Sequencing Activities into project phases
- Integration with SAP ABAP Test Cockpit to visualize the detailed ATC analysis inside SAP Readiness Check 2.0
- When the Readiness Check is finalized it can be exported as zip-file

Upload of SAP Readiness Check in Focused Build



- The zip-file is used for importing the Readiness Check Result into Focused Build
- The Simplification Items and Activities are created in the background
- Related Information like Activity Type, LoB, Business Area or Manual Status are visible in the tool
- Is the starting point for the planning of the next project steps in Focused Build
- Direct creation of Requirements or Work Packages out of Activities or assignment of Focused Build Projects
- Tight integration in Focused Build Workflows with automatic status update

Simplification Item Management UI5 Application



- Graphical display of Simplification Items and related Conversion Activities by Condition, Phase, Type, Status and Follow-Up Type
- Table display with all Simplification Items and related Conversion Activities and their most-important information
- Powerful and fast multi-filter options
- Direct Creation of Follow-Up Requirements or Work Packages and Assignment of Focused Build Projects
- Postponement or Rejection of non-required Activities directly possible from the UI5 application



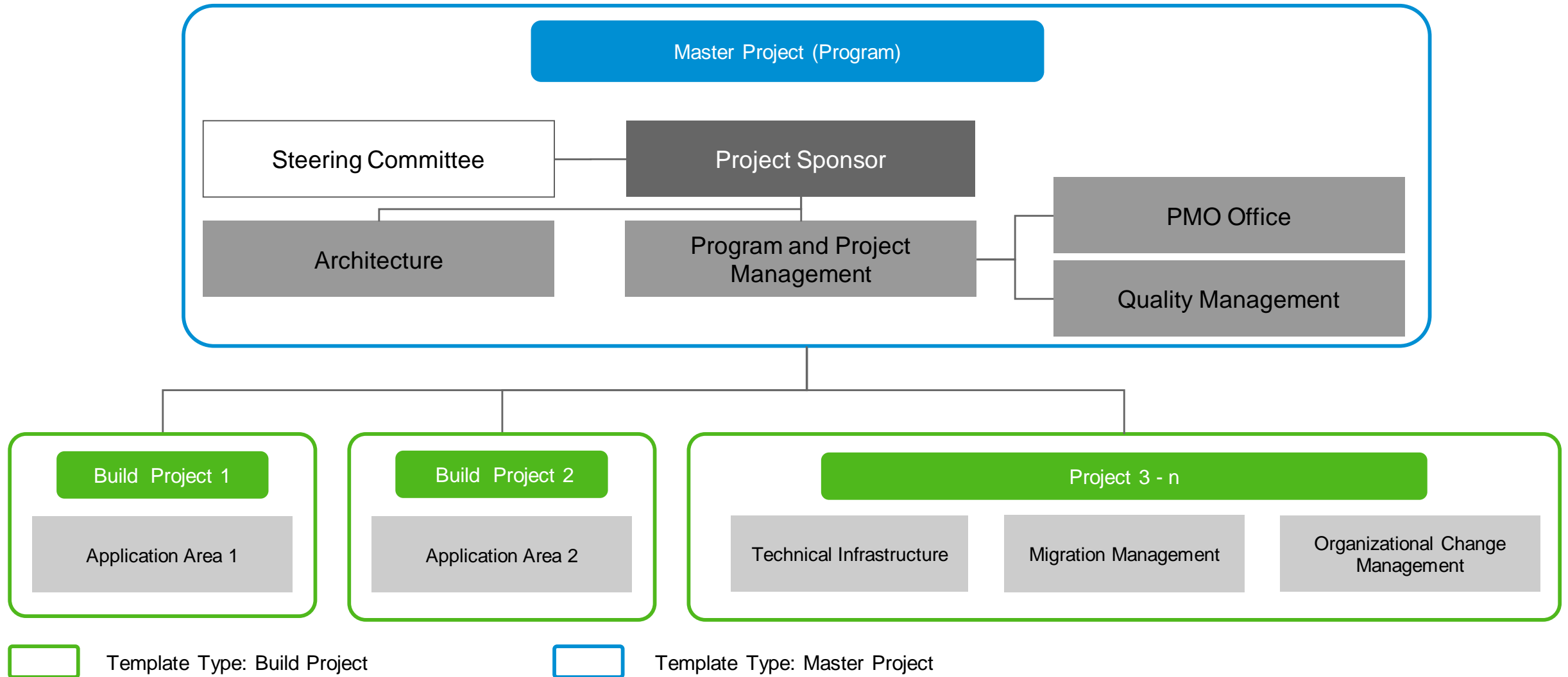
Demo

Upload a Readiness Check zip file to SAP Solution Manager and Simplification Item Management

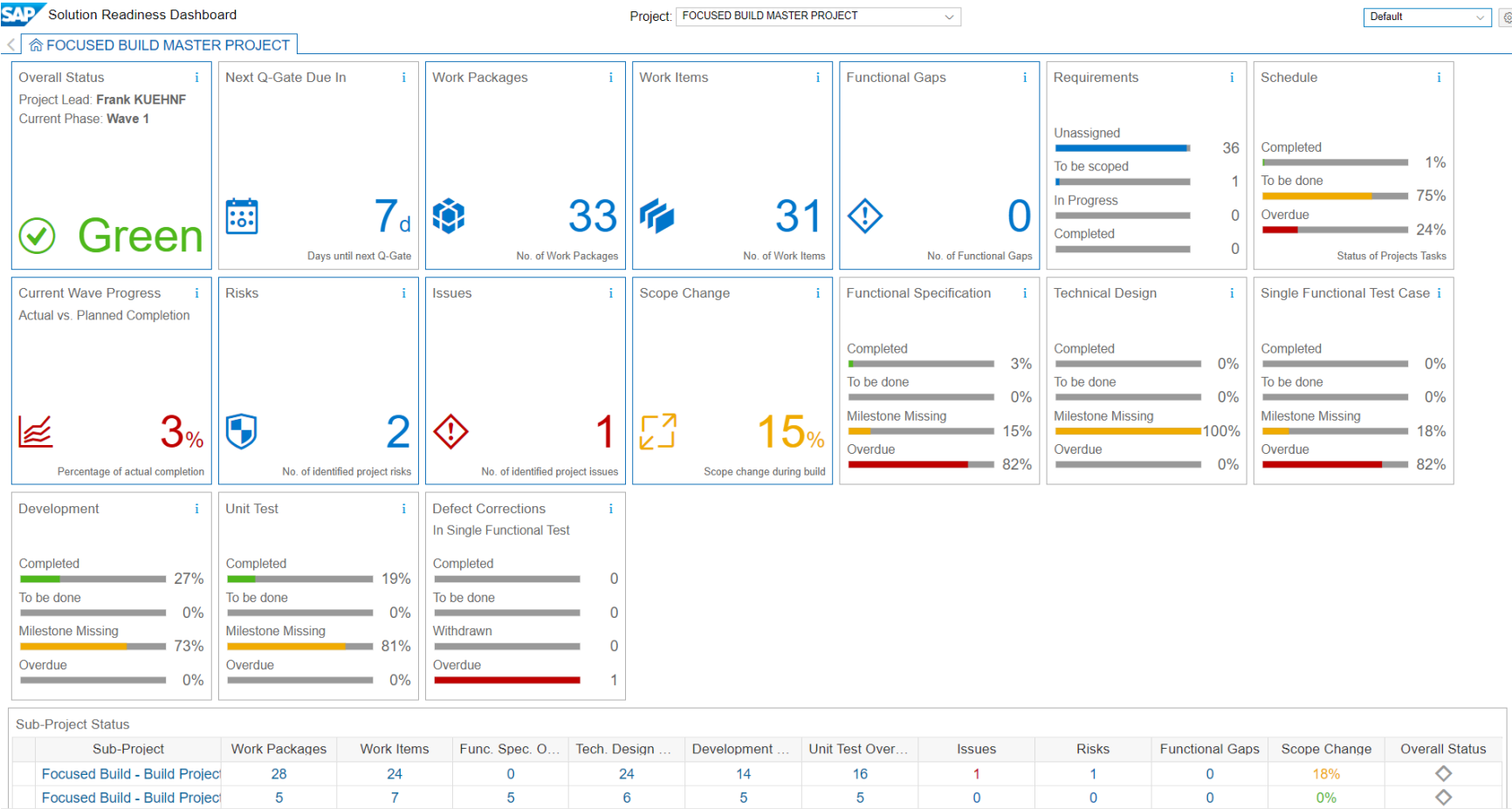
**Prepare your project
and run
Easy Project Setup
to create projects**



Project Organization Example Using Master / Build Projects



Solution Readiness Dashboard



Aggregated view for all Build-Projects assigned to Master Project

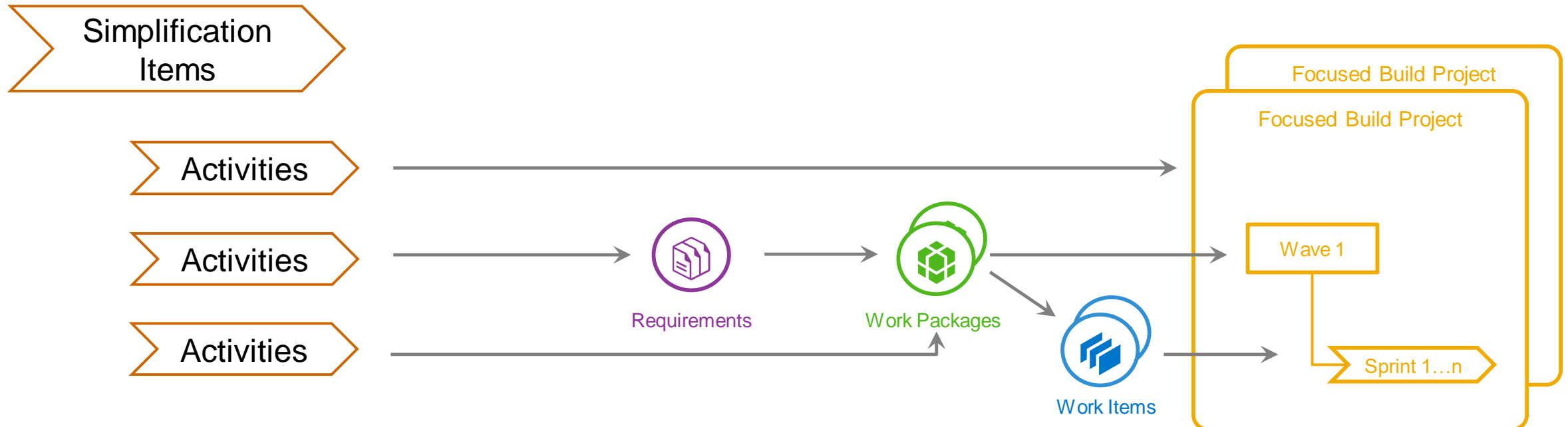
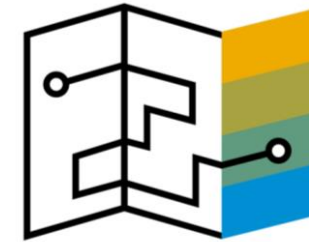
Aggregated data per Build Project

Agile Transition to SAP S4HANA powered by SAP Solution Manager

SAP Readiness Check



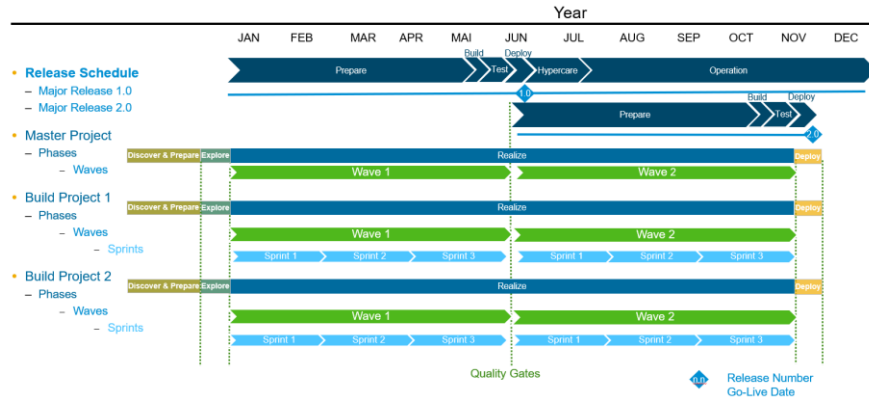
SAP Solution Manager – Focused Build



Project Planning

Options to create Focused Build Projects

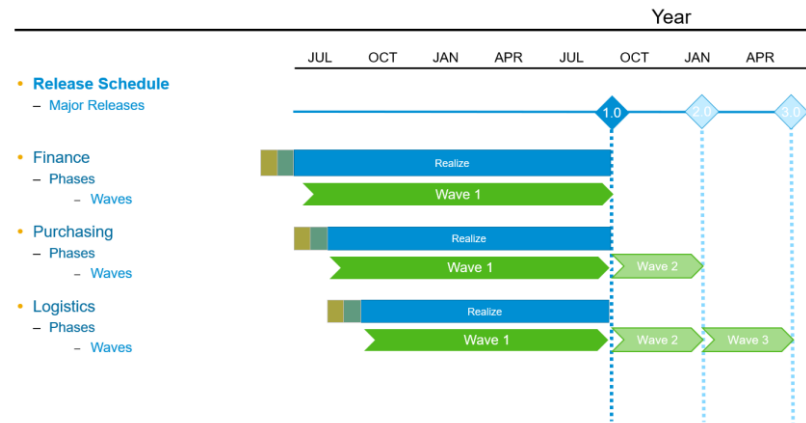
Synced schedule across Master / Build projects or Single projects with continuous Waves and Sprints



Easy Project Setup*

* new with Focused Build SP06

Individual schedule per project with individual durations for Waves or Sprints



Manual Project setup

Easy Project Setup

Application

Easy Project Setup is a new wizard to create and schedule Focused Build projects

Feature details

Options to provide synchronous schedule for multiple Master/Build projects or Single project

- Synced timing of sprints, waves, phases and related Q-Gates / Milestones
- Release Assignment and Wave relationships

Benefits

Very efficient way to prepare your upcoming Focused Build projects

The screenshot displays the 'Easy Project Setup' wizard interface. At the top, a progress bar shows five steps: 1. Agile Project Approach (active), 2. Q-Gates and Milestones Approach, 3. Creation of Projects and Release Assignment, 4. Wave / Release Number Assignment, and 5. Project Naming and Creation for Master/Build.

1. Agile Project Approach

Sprints and Waves

- *Number of Weeks per Sprint: 4
- Weekday of Sprint Start: Monday (dropdown menu)
- *Number of Sprints per Wave: 4
- *Wave Duration: 112 Days Calculated
- *Number of Waves per Project: 4

Phases

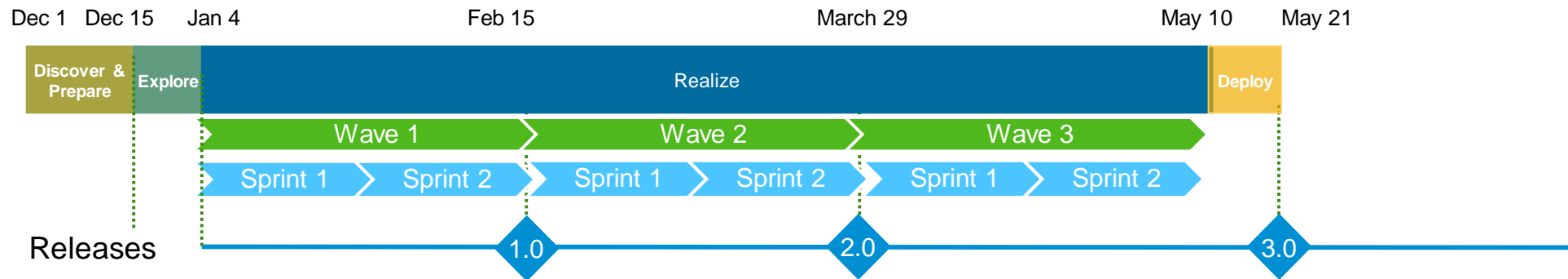
- *Discovery & Prepare: 10 Days
- *Explore: 10 Days
- Realize (Based on Number of Waves): 448 Days Calculated
- *Deploy: 20 Days
- *Run: 10 Days
- Project Duration: 498 Days Calculated

Step 2

Cancel

Project & Release Management and Schedule

Project Phases



Project Management Structure and mapping to Releases

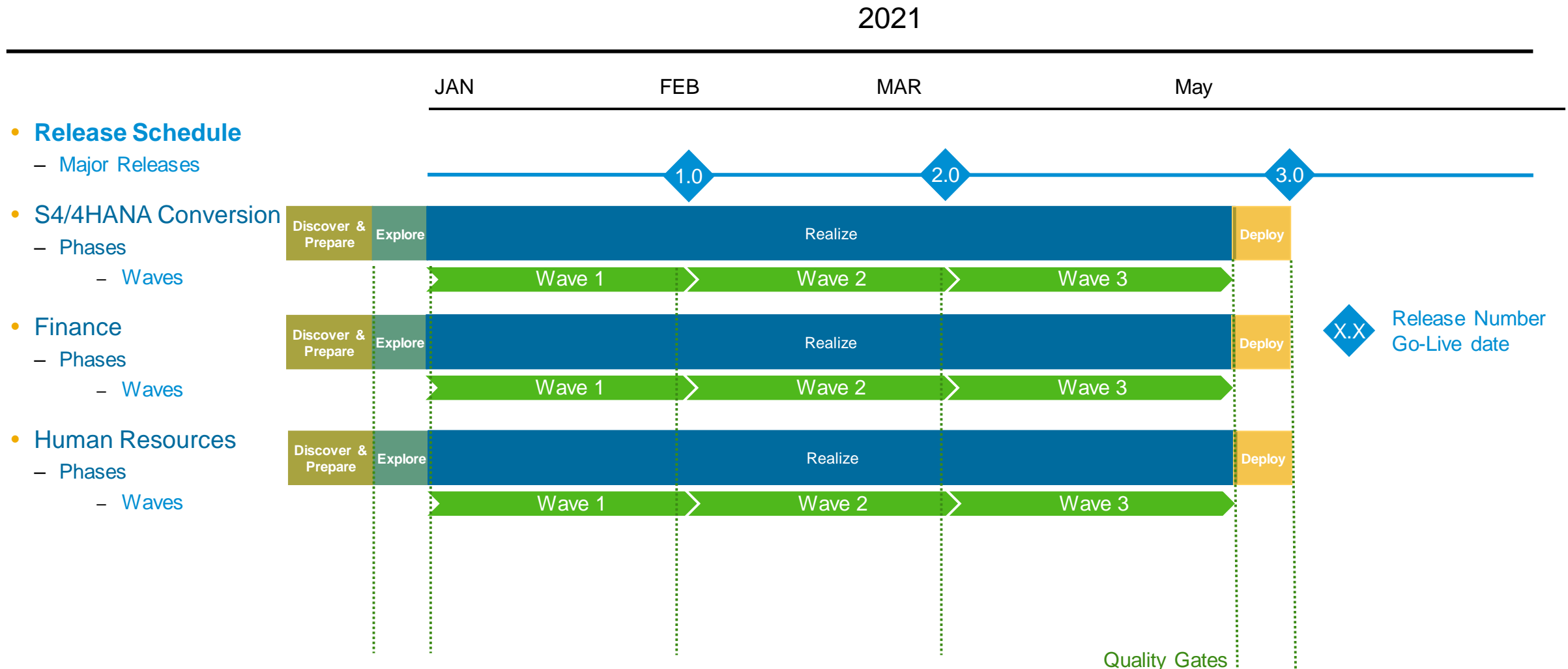
Synchronous project, wave schedule and release deployment

Standard Master / Build Project Structure:

	Master Project	Build Project 1	Build Project 2	Change Control Landscape / Release Cycles
Project Name	S4/4HANA Conversion	Finance	Human Resources	S4_TECHED
Number of Weeks per Sprint	3			
Number of Sprints per Wave	2			
Number of Waves per Project	3			
Start date of Project	December 1, 2020			
Duration Discovery & Prepare phase (days)	14			
Duration Explore phase (days)	20			
Duration Realize phase (days)	126 (based on # of Waves/Sprints)			
Duration Deploy phase (days)	11			
Duration Run phase (days)	20			
Project/Wave/Release Mapping	Wave 1			1.0 (GoLive: February 15, 2021)
	Wave 2			2.0 (GoLive: March 29, 2021)
	Wave 3			3.0 (GoLive: May 21, 2021)

Visualized schedule of Releases, Projects, Waves

Example: Synchronous project, wave schedule and release deployment



Project Q-Gates & Milestones

Q-Gates	Dates
Phases	2 days before end of Phase
Waves	2 days before end of Wave

Wave Milestone	Sprint Milestone	Dates
Functional Specification released		5 days after Wave start
Work Package build completed		10 days before Wave end
Single Functional Test completed		7 days before Wave end
	Technical Design available	5 days after Sprint start
	Work Item Build started	7 days after Sprint start
	Work Item Build completed	5 days before Sprint end
	Unit Test completed	2 days before Sprint end



Demo

Show and evaluate Readiness Check Analysis
Explain Focused Build Project concept / Release structure
Project creation via Easy Project Setup wizard



User Distribution and System Access

Link to GitHub: <https://github.com/SAP-samples/teched2020-DT263>



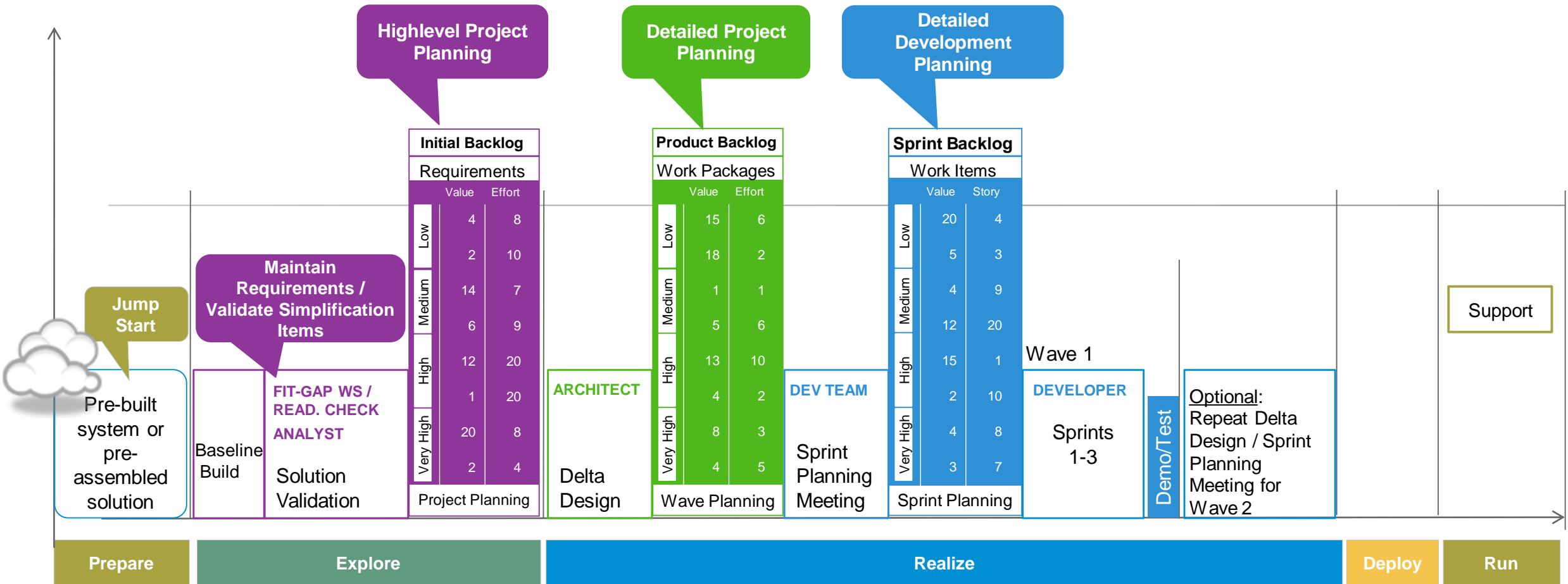
Exercise 1

Run Easy Project Setup to create Projects and Waves / Release assignment

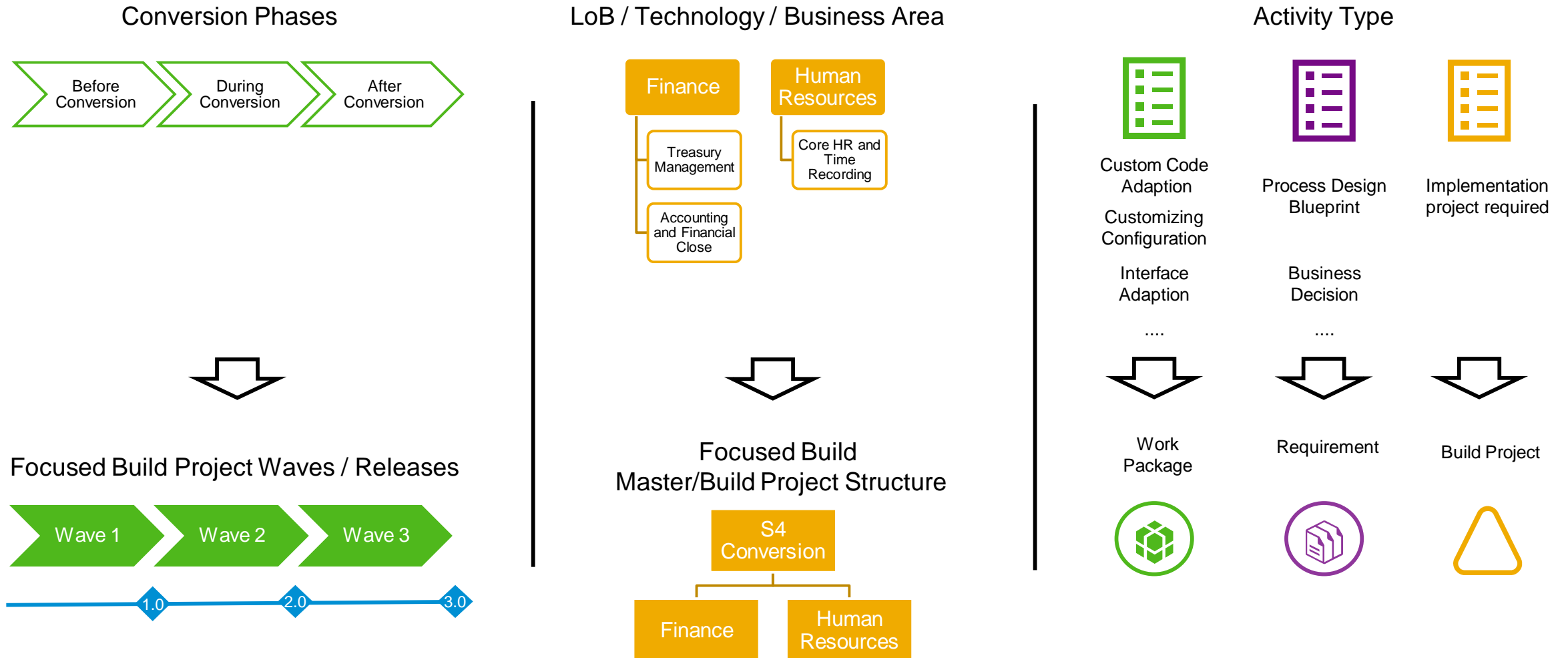
**Transform
Conversion Activities
into Requirements,
Work Packages or
Projects**



Agile Project Execution with Focused Build



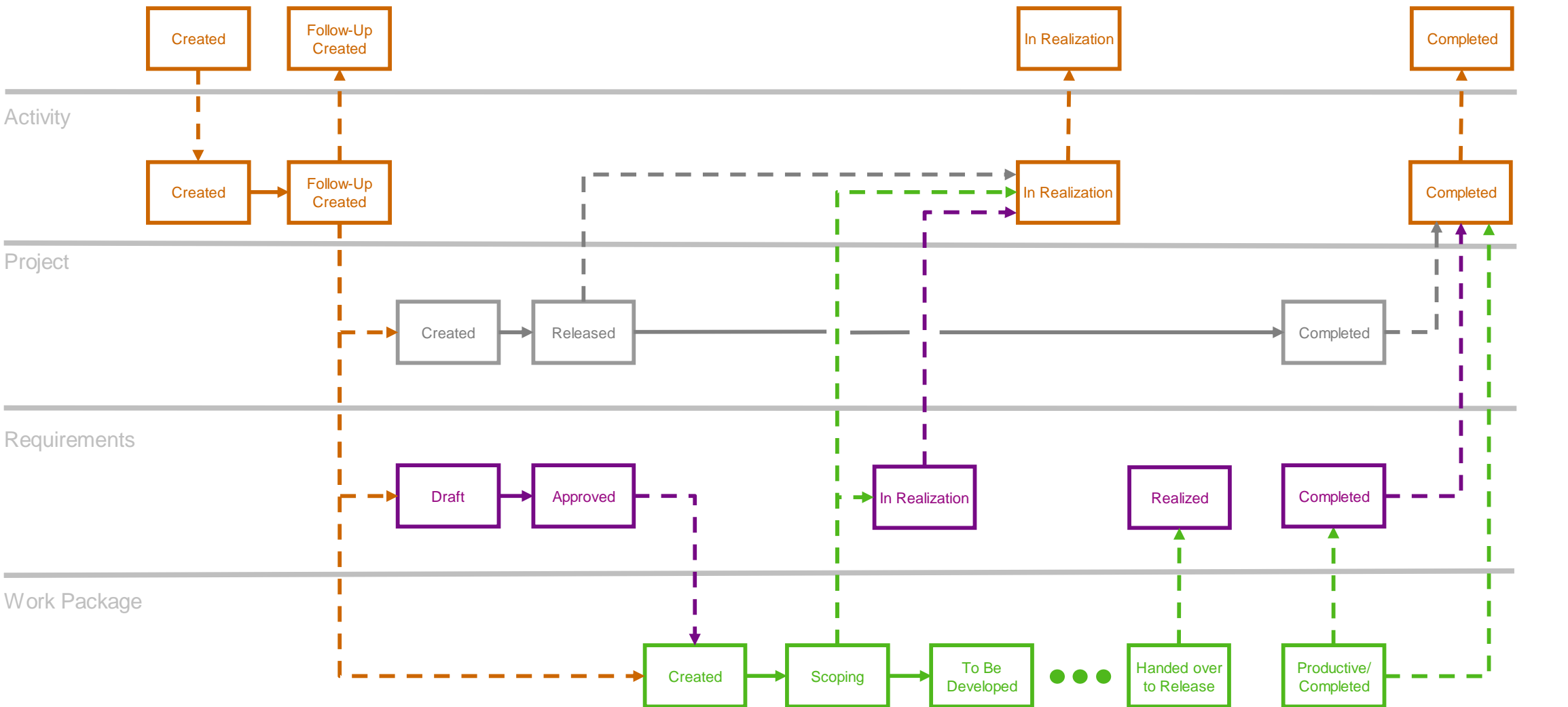
Logical Mapping of Simplification activities to Focused Build entities



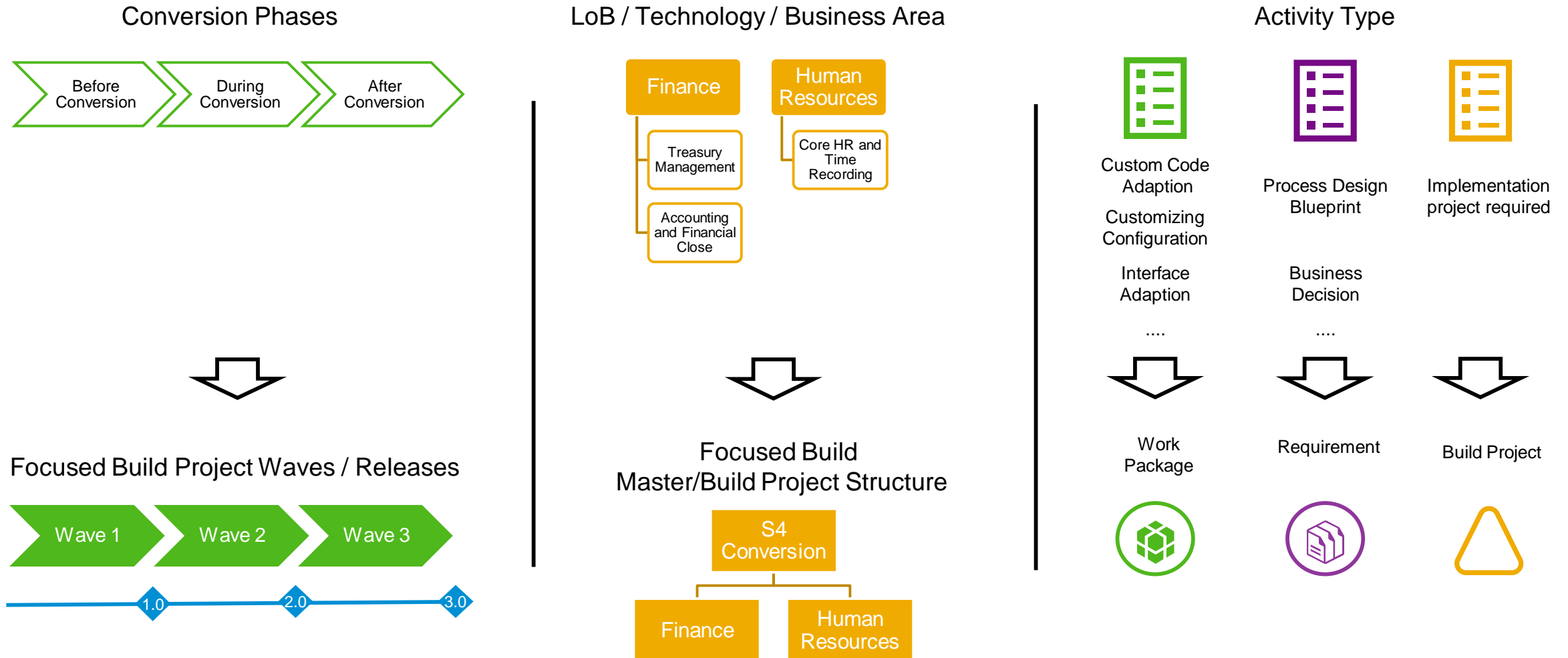
Focused Build Methodology

Simplification Item / Activity High-level Workflow

Simplification Item



Logical Mapping of Simplification activities to Focused Build entities





Demo

Create follow-up activities for Conversion Activities



Exercise 2

Simplification Item Management

- Create Requirement for Activity Type 'Business Decision'
- Assign project for Activity Type 'Implementation Project Required'

Work Package Maintenance

- Create Work Package for Activity 'Type Customizing / Interface'
- Assign a Process Structure and upload a Functional Specification
- Scope a Work Item

How to do Backlog Planning with Focused Build



Initial and Product Backlog in Focused Build Definition

Initial Backlog		
Requirements		
	Value	Effort
Low	4	8
	2	10
Medium	14	7
	6	9
High	12	20
	1	20
Very High	20	8
	2	4
Project Planning		

An **Initial Backlog** means to:

- Define the content of the to be implemented Release
- Have a list of approved and prioritized Requirements

Product Backlog		
Work Packages		
	Value	Effort
Low	15	6
	18	2
Medium	1	1
	5	6
High	13	10
	4	2
Very High	8	3
	4	5
Wave Planning		

A **Product Backlog** means to:

- Define the content of the current Wave
- Have a list of prioritized Work Packages

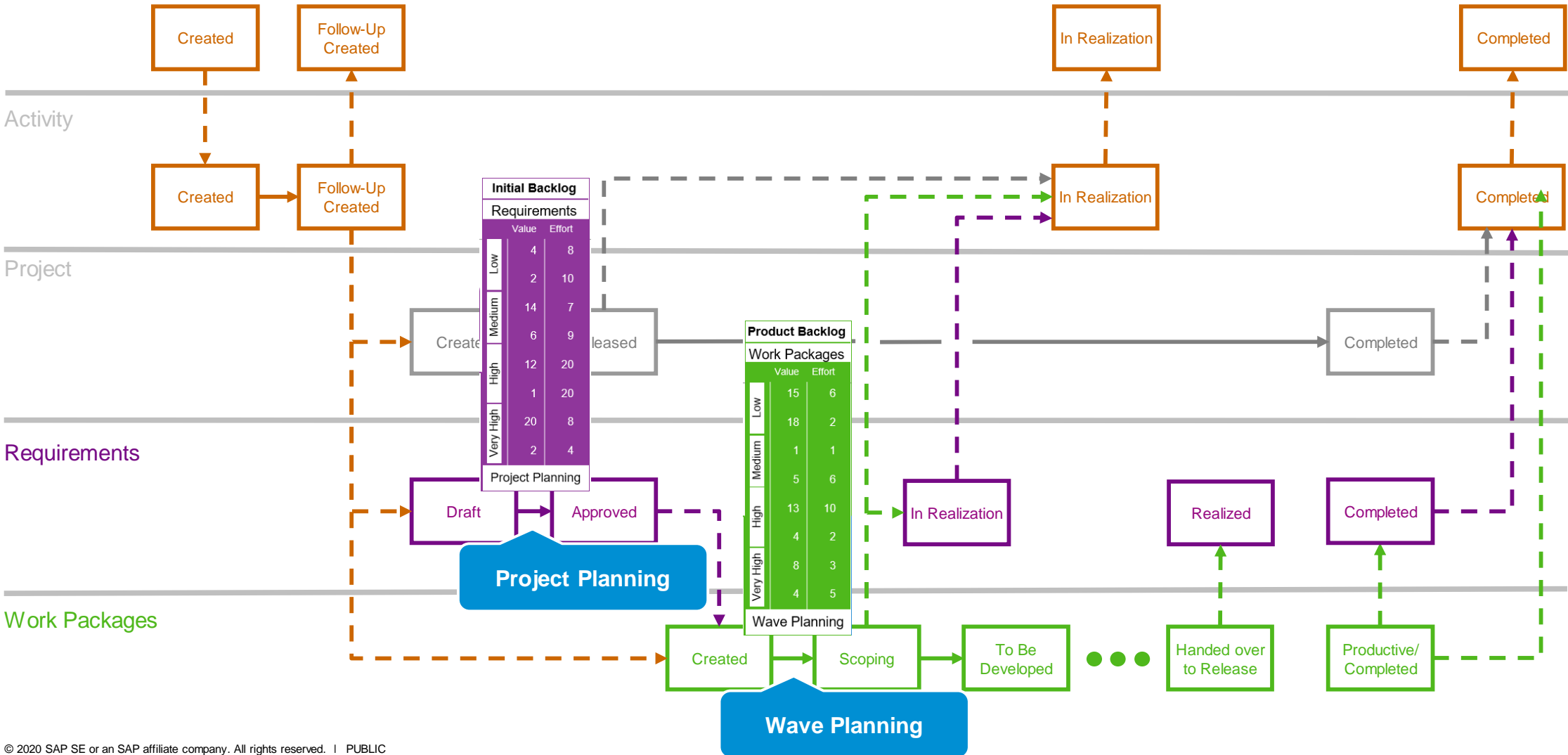
Responsible: Architect

Focused Build Methodology

When to do Release and Wave Planning

Simplification Item

—→ = automated status setting
 → = manual status setting





Demo

How to use Mass Change Operations to do an Initial Backlog Planning
How to use Mass Change Operations to do a Product Backlog Planning

Define Initial Backlog

Example: Use Mass Change Operations to Prioritize Requirements

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SAP

Mass Change ▾

🔍

Mass Change for Requirement ▾

Solution: AT FB SP04 Solution ▾

Branch: Design ▾

Scope Attribute: ▾

Element: ▾

ID: ▾

Title: ▾

Status: Approved Ⓢ ▾

Priority: ▾

Value Points: ▾

Effort Points: ▾

Classification: ▾

Category: ▾

Work Package Assignment: Unassigned Require... ▾

Owner: ▾

Max Results: 10000

Hide Filter Bar

Filters (9)

Go

Line Items (11)

ID

Title

Priority

Value Points

Effort Points

Classification

8000013754

cqdc

1: Very High ▾

100 ▾

5 ▾

Fit ▾

8000013737

LW HZ approved (...)

This is a requirem... Approved

4: Low ▾

50 ▾

10 ▾

Fit ▾

8000013738

LW HZ in realizati...

This is a requirem... Approved ▾

1: Very High ▾

50 ▾

10 ▾

Fit ▾

8000013740

LW HZ completed(...)

this is a requireme... Approved ▾

2: High ▾

50 ▾

25 ▾

WRICEF ▾

8000013041

FKX Scope test 11

Approved ▾

4: Low ▾

5 ▾

10 ▾

WRICEF ▾

8000013739

LW HZ realized (d...

this is a requireme... Approved ▾

3: Medium ▾

5 ▾

5 ▾

WRICEF ▾

8000013224

LW test 2606 1

Approved ▾

4: Low ▾

3 ▾

10 ▾

WRICEF ▾

8000013291

test incident maroua

Approved ▾

4: Low ▾

3 ▾

10 ▾

GAP ▾

8000013668

FKX test

one more Approved ▾

4: Low ▾

1 ▾

10 ▾

GAP ▾

8000013793

test_testing_ouma...

Approved ▾

4: Low ▾

1 ▾

25 ▾

GAP ▾

8000013794

test_testing_ouma...

Approved ▾

4: Low ▾

1 ▾

50 ▾

GAP ▾

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Sort Values

Mass Change

Save Changes

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43

Define Initial Backlog

Example: Use Mass Change Operations to Approve Requirements

Select all Requirements to be part of the Release

Mass Change

Mass Change for Requirement

Solution: Acceptance Test Sol... Branch: Design Element: ID: Title: Status: Priority:

Owner: Created By: Work Package Assignment: Category: Max Results: Local Requirement:

Line Items (19)

	Save Status	ID	Title	Status	Priority	Created By	Owner	Element	Effort Points	Value Points	Local
<input checked="" type="checkbox"/>		8000000787	OST_REQ: HF001	To Be Approved	1: Ve...	OST_BA_19	Hendrik Fuh	To Be Approved	0	0	<input type="checkbox"/>
<input checked="" type="checkbox"/>		8000005920	OST_200-Requirement	To Be Approved	1: Ve...	OST_BA_44	OST_BA_44	Create Purchase ...	0	0	<input type="checkbox"/>
<input checked="" type="checkbox"/>		8000000000	test safa elemen	To Be Approved	1: Ve...	C5276595	C5276595	BJ5 - Make-to-St...	0	0	<input type="checkbox"/>
		MK_TREST_234q		To Be Approved	2: High	Michael Klöf	SAP Techni	< RPM_COLLEC...	22	20	<input checked="" type="checkbox"/>
		requirement for multipl		To Be Approved	2: High	Nicolas Alec	Nicolas Alec	Record Actual W...	0	0	<input type="checkbox"/>
		Req for PO 3		To Be Approved	2: High	Nicolas Alec	Nicolas Alec	Purchase Order	0	0	<input type="checkbox"/>
		test		To Be Approved	2: High	Sirine Melki	C5213833	Create Billing Do...	0	0	<input type="checkbox"/>
						Frank Kühn	Frank Kühn	Sales Quotation ...	0	0	<input type="checkbox"/>
						Aravind Kuma	KUMARAMA	BD3 - Sales Proc...	0	0	<input type="checkbox"/>
						Hendrik Fuhr	Hendrik Fuh	Approve Purchas...	0	0	<input type="checkbox"/>

Mass Change

☒

From Status To Be Approved

To Status Approved

Priority

Category

Partner Function Business Proces...

Partner Name

Effort Points

Value Points

Local Requirement

Change Selected

Close

To define the Initial Backlog Change the Requirement Status to 'Approved'

Define Product Backlog

Example: Use Mass Change Operations to define the Scope of the first Wave

Mass Change

Mass Change for Work Package

ID:

Title:

Priority:

Status:

Category:

Project:

Requested Release:

Actual Release:

Owner:

Max Results:

WP Classification:

Effort Points:

Value Points:

Filters (2)

Go

Line Items (10)

	Save	Priority	Status	Project Name	Wave	Owner	WP Classification	Effort Points	Value Points
<input type="checkbox"/>		2: High	Created	RM_FB_BUILD1_	Wave 2	OST_SA_69	WRICEF	0	0
<input checked="" type="checkbox"/>		2: High	Created	RM_FB_BUILD1_	Wave 2	OST_SA_69	WRICEF	25	0
<input checked="" type="checkbox"/>		4: Low	Created	RM_FB_BUILD1_	Wave 2	OST_SA_69	WRICEF	25	100
<input checked="" type="checkbox"/>		1: Very High	Created	RM_FB_BUILD1_	Wave 2	Michael Skiba	WRICEF	0	0
<input type="checkbox"/>		3: Medium	In Development	RM_FB_BUILD1_SP0	Wave 1	Jens Eikermann	None	0	0
<input checked="" type="checkbox"/>		3: Medium	Created	RM_FB_BUILD1_	Wave 3	Riton	None	0	0
<input type="checkbox"/>		4: Low	Scoping	RM_FB_BUILD1_SP0	Wave 3	Riton			
<input type="checkbox"/>		1: Very High	Scoping	RM_FB_BUILD1_SP0	Wave 3	Michael Skiba			
<input type="checkbox"/>		4: Low	Scoping	RM_FB_BUILD1_SP0	Wave 3	ABO_TS12			
<input type="checkbox"/>		2: High	Scoping	RM_FB_BUILD1_SP0	Wave 3	Michael Skiba			

Mass Change

From Status

Created

To Status

Priority

Category

Partner Function

Partner Name

Date Type

Date

Project

RM_FB_BUILD1_SF

Wave

Wave 1

Change Selected

Close

Select the (Build) Project

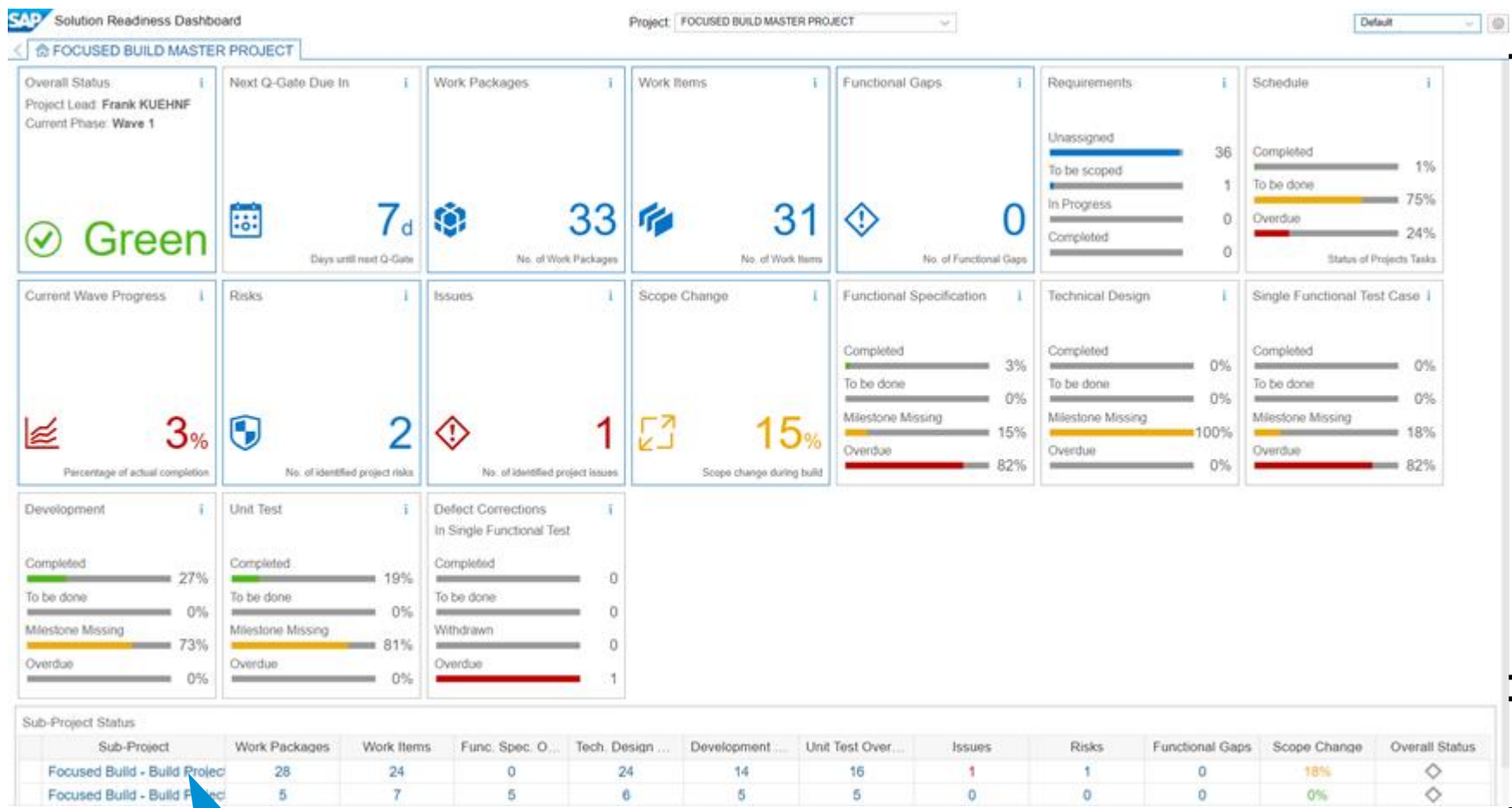
Select all Work Packages to be part of the Wave

To define the Product Backlog select the Wave

How to do project reporting with Focused Build



Solution Readiness Dashboard – Master Project

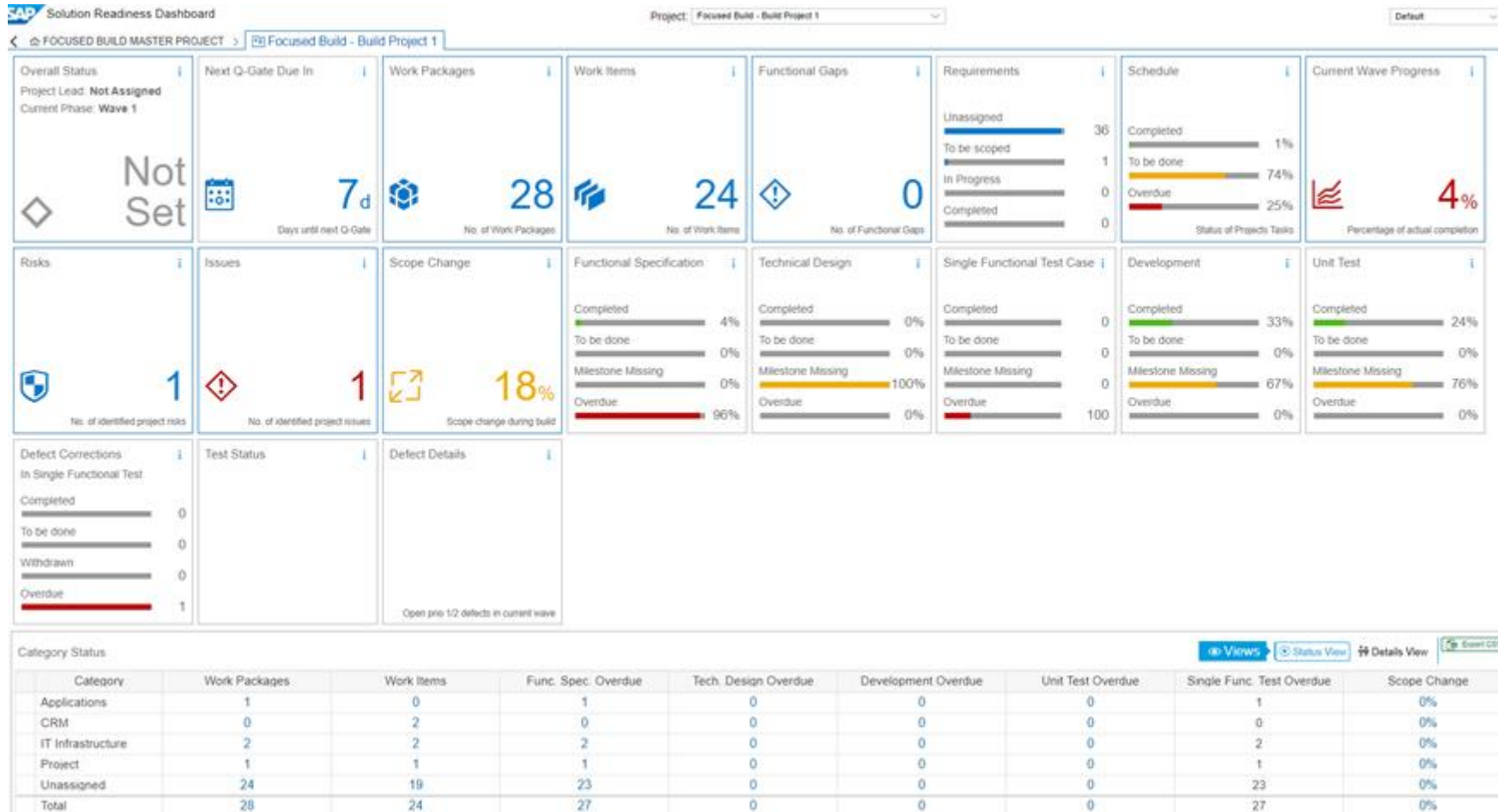


Aggregated data for all Build-Projects assigned to Master Project

Aggregated data per Build Project

Select Build Project

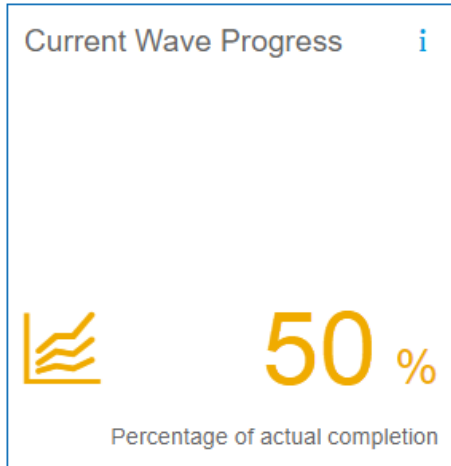
Solution Readiness Dashboard – Build Project



Aggregated for selected Build-Project

Aggregated data per Category

Current Wave Progress tile



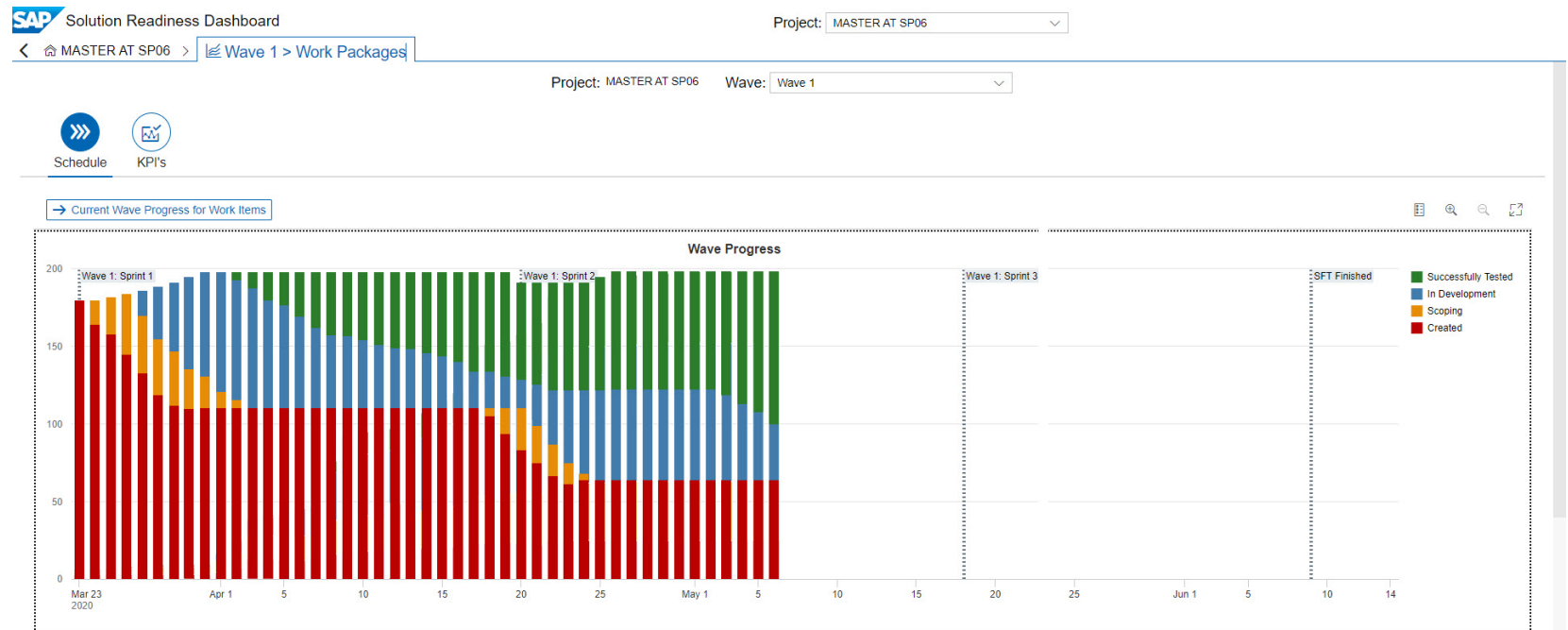
Work Packages status values are aggregated:

- Successfully Tested:** Successfully Tested, Handed over to Release, Productive, Complete
- In Development:** To be Developed, In Development, In Repair, To be Tested
- Scoping:** Scoping, Scope Finalized, Scope Extension
- Created:** Created

Progress of work packages assigned to current wave.

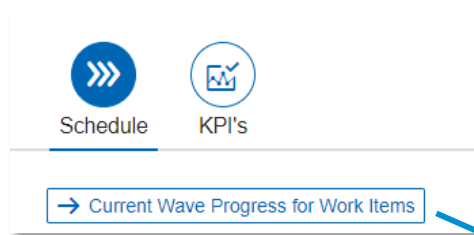
The **Schedule** tab visualize the progress of the work packages of a current or selected wave. Timeline of sprints and Milestone for Single Functional Test. You can also display the progress for work items choosing by [Current Wave Progress for Work Items](#) and if needed drill down to Sprint level.

The **KPIs** tab shows the ratings for status and documentation of work packages



Current Wave Progress tile – Details about Work Items

(new with Focused Build SP06)



Progress of work items assigned to current wave.

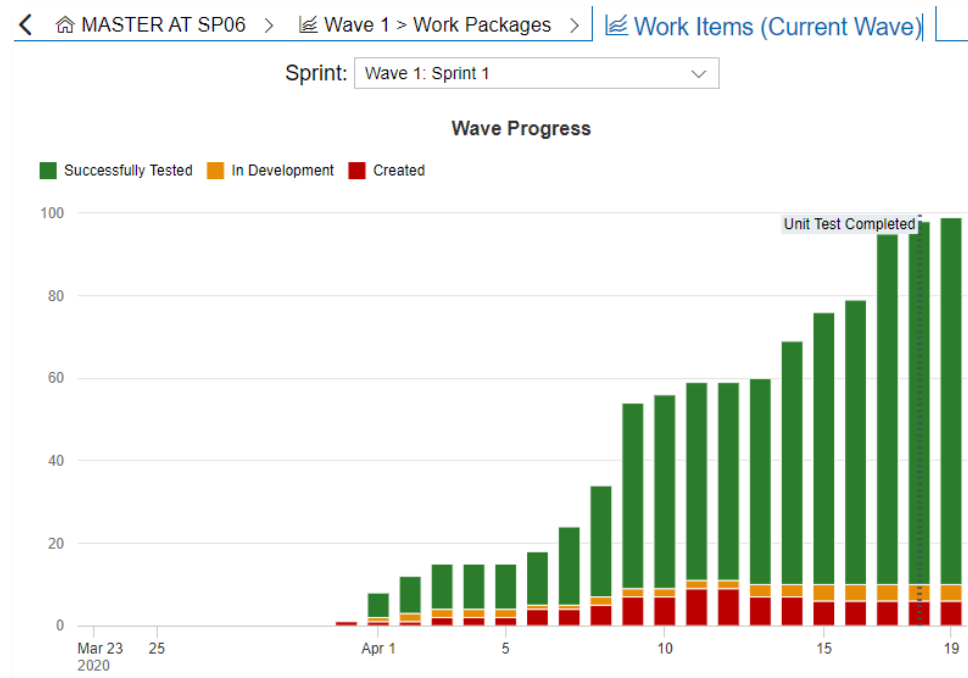
View progress of the work items of a current or selected wave with timeline of sprints and milestone for Single Functional Test. If you select dedicated Sprint the milestone for 'Unit Test Completed' is displayed.

Work Item status values are aggregated:

Successfully Tested: Successfully Tested,
Handed over to Release,
Productive, Completed

In Development: To be Developed, To be Tested

Created: Approved, Created





Demo

How to use Solution Readiness Dashboard for efficient project reporting

More information



Public SAP Web sites

- Focused Build Homepage: <https://support.sap.com/en/alm/focused-build.html>

Here you find:

- Overview Presentations (Products > Product Capabilities)
- Role Specific Training Material (scroll down to Implementation > Train)
- Configuration Guide (scroll down to Resources > Configuration Guide)
- Public Demo System (scroll down to Resources > Demo Systems)
- Success Stories
- ...

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Thanks for attending this session.

Contact for further topic inquiries

Henrik Zimmemann
Focused Build Overview and Backlog Planning

Reiner Markheiser
Project Management and Reporting

Joerg Marenk
Readiness Check integration

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