



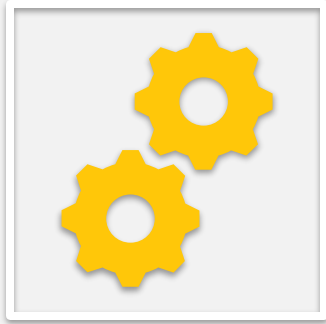
A Journey Through an Innovative Approach to Migration of Legacy System to New Multilingual Statistical Computing Environment (SCE)

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Disclaimer

- This presentation represents the authors' viewpoints and suggestions derived from their experience with SCE Migration at GSK. Neither GSK nor the authors are responsible for any unexpected results.

Introduction



What is SCE ?



Why is Migration of SCE
done ?



Why am I talking about
it ?

- SCE- Statistical Computing Environment

Pillars of Success

Key considerations to ensure success



Assembling
a Migration team



Strategy Build for
Migration



Develop a Robust
Migration tool



Documentation

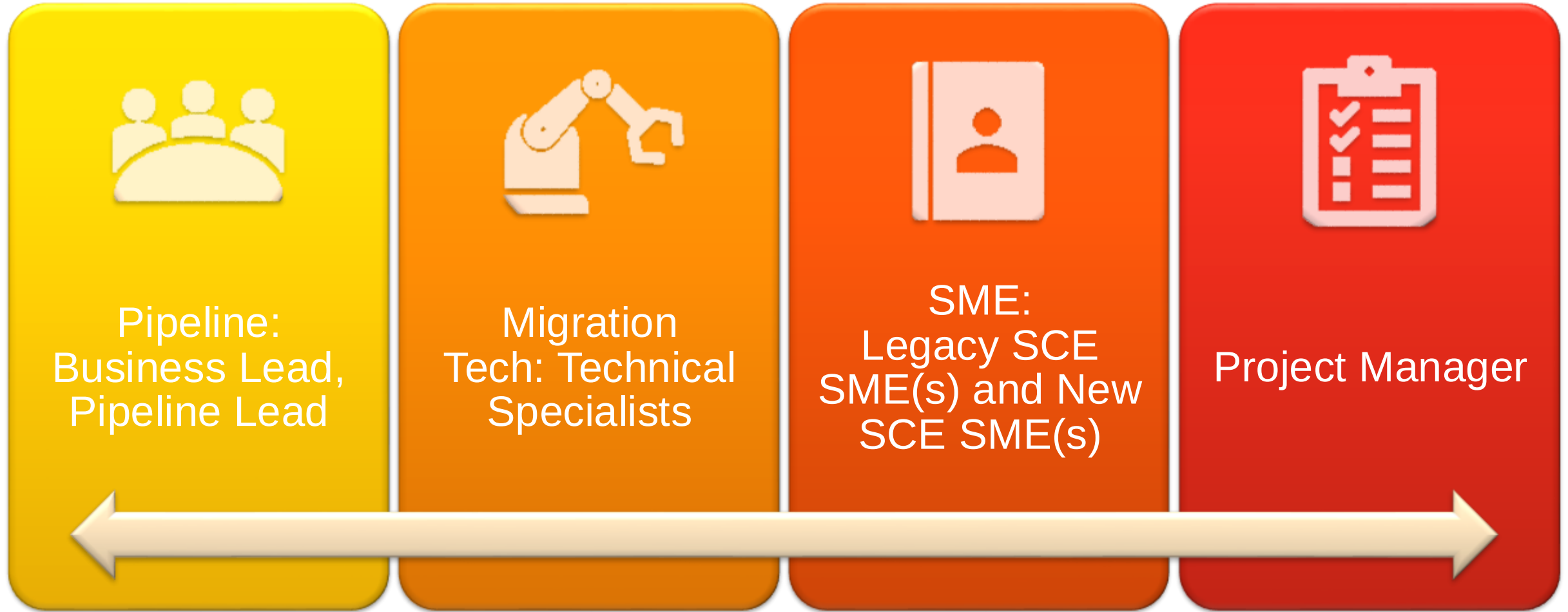


Training and
Support



Communications
and Stakeholder
Management

Assembling a Migration team



Migration Strategy

Key Points to Consider



1. Overall Timeline of Migration



2. Study Milestones



3. SCE Complexity



4. Speed of Migration Tool

Documentation

Documentation is a foundational element for effective operations



Mapping
Document



Pre-Migration
Checklist



Post-Migration
checklist

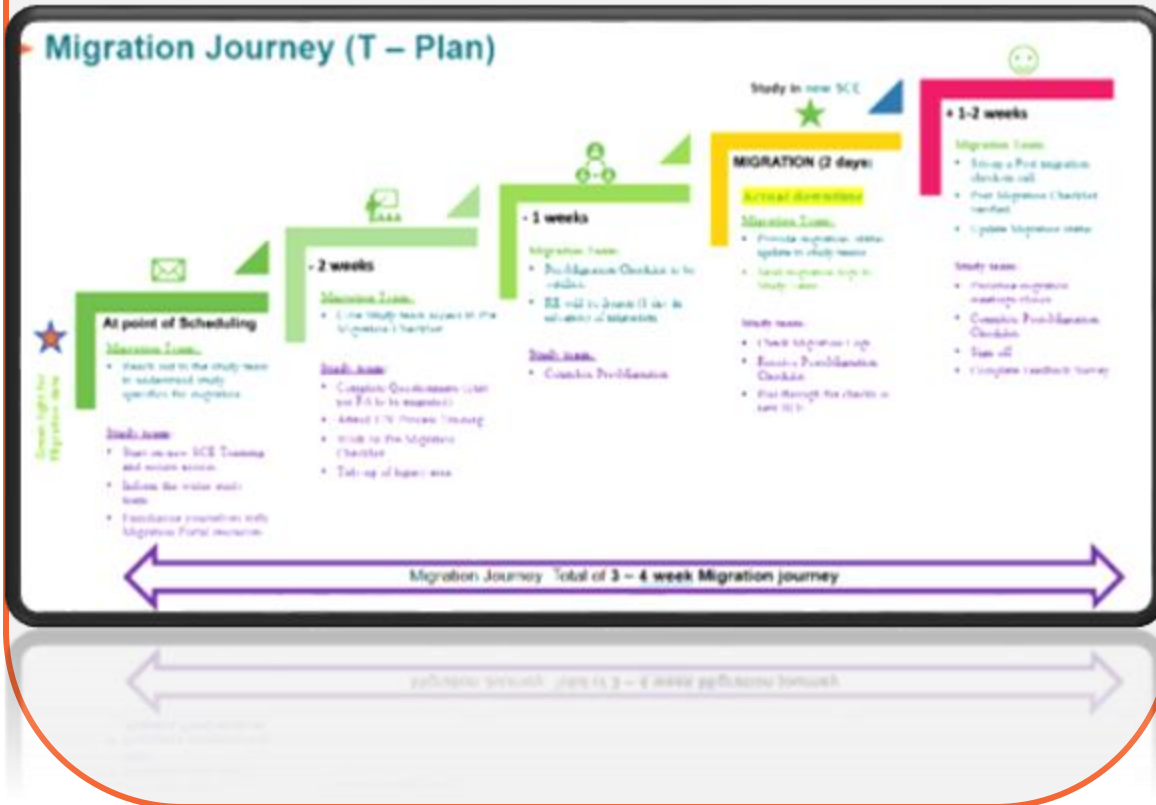


Exception Form

Training and Support

Training

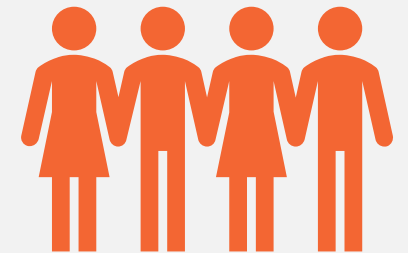
Migration Journey Awareness Training



Support

Channels for resources & communication to ensure study teams' productivity and success.

1. Portal
2. Teams Channel
3. Dedicated Email
4. Drop-in session



How to Create and Maintain the Inventory



**KEY COMPONENTS
OF THE INVENTORY**



**DATA SOURCES FOR
INVENTORY**



**INVENTORY
SOFTWARE
OPTIONS**

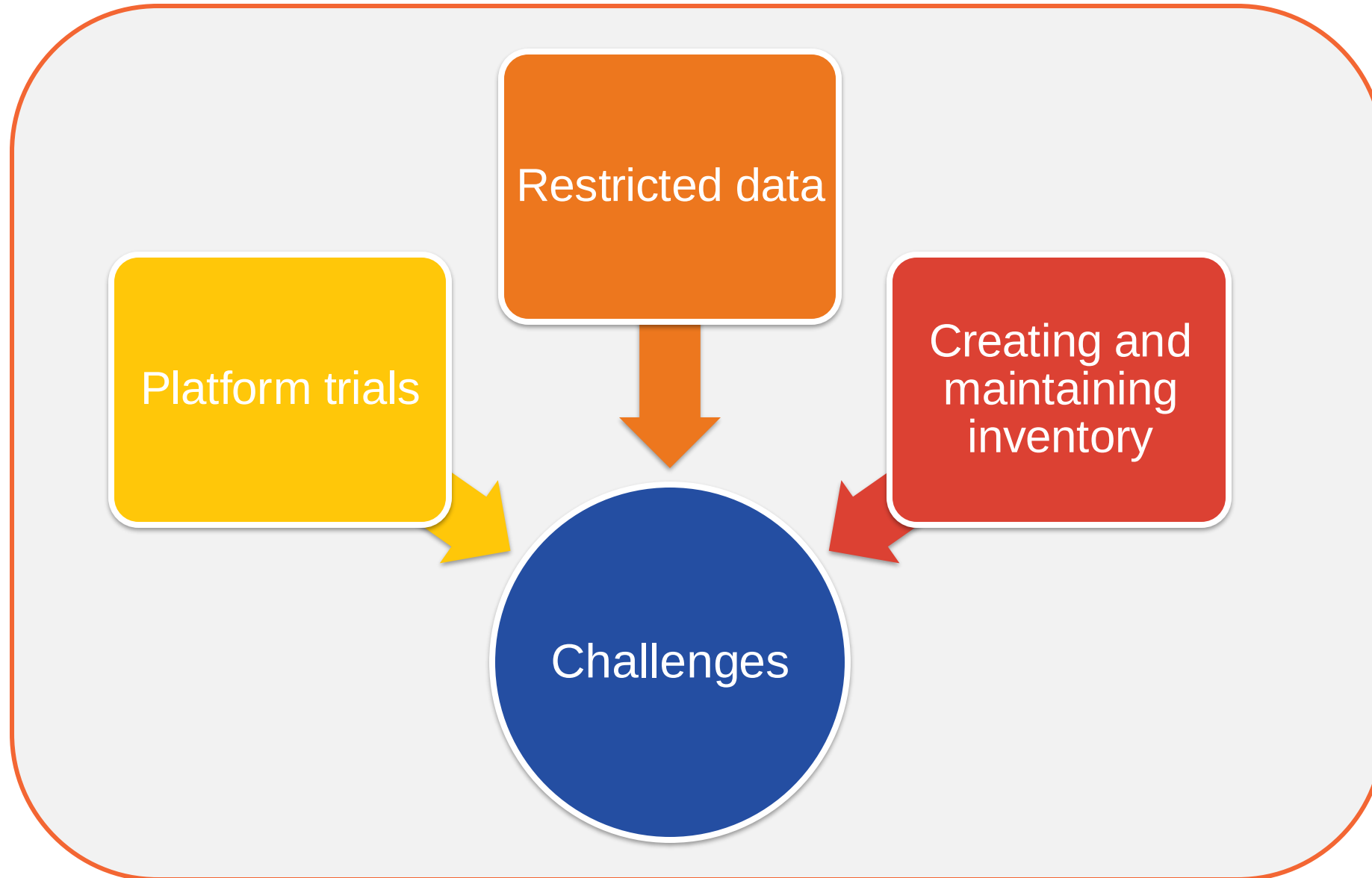


**INVENTORY
MAINTENANCE**



**BENEFITS OF A
ROBUST INVENTORY**

Key Challenges During SCE Migration



Challenge 1: Platform Trials

Challenges:

Multiple sub-studies with varying timelines

Organizing code repository (GitHub)

Initial migration tech tool design

Solutions:

Schedule each sub-study separately

Re-designed GitHub folders per sub-study

Tech tool updated for sub-study migration

Challenge 2: Handling Restricted Folder / Data

Challenges:

Identify restricted folders/studies across legacy SCE

Provide access to tech team (old and new SCE)

Access to study teams on new SCE

Solutions:

Legacy SCE metadata + tech support

Controlled access to tech team

Robust access management process for study team after migration

Challenge 3: Creating and Maintaining Migration Inventory

Challenges:

Comprehensive
integration

Missing or
incomplete
study metadata

Dynamic
inventory
scheduling and
expansion

Solutions:

Strategic
inventory
planning

Manual updates
and adaptability

Flexibility + Tech
tool adaptability

Conclusion

Core Components of Successful Migration



Robust Migration Strategy: Emphasize the need for a well-prepared migration team, detailed strategy and robust migration tech tool.



Agility and Adaptation: Importance of handling diverse scenarios as they emerge and maintaining inventory with continuous changing schedule and scope.



Comprehensive Documentation: Crucial to maintain migration related documentation for organizing, tracking and audit purposes etc.



Effective Training and Support: Ensures study team readiness throughout the migration process.



Successfully migrated 305 studies / 1128 planned analyses in record time - 9 months.

A large, flowing orange shape that starts wide on the left and tapers towards the right, creating a sense of movement and depth.

Questions ?

GSK