

Title Slide
Introduction
What Is It?
What Can I Answer?
How can I Apply It?
Application Example
More About Zyter
Periodic Table of Methods

Zyter's Sociotechnical Systems Toolkit

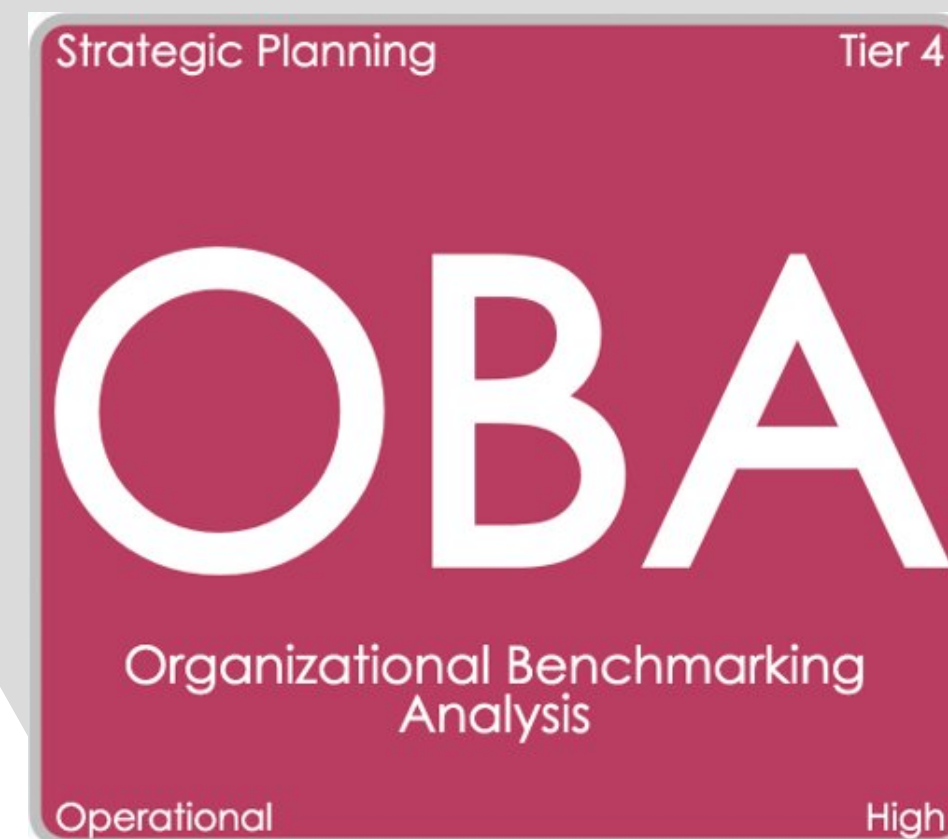


# Organizational Benchmarking Analysis

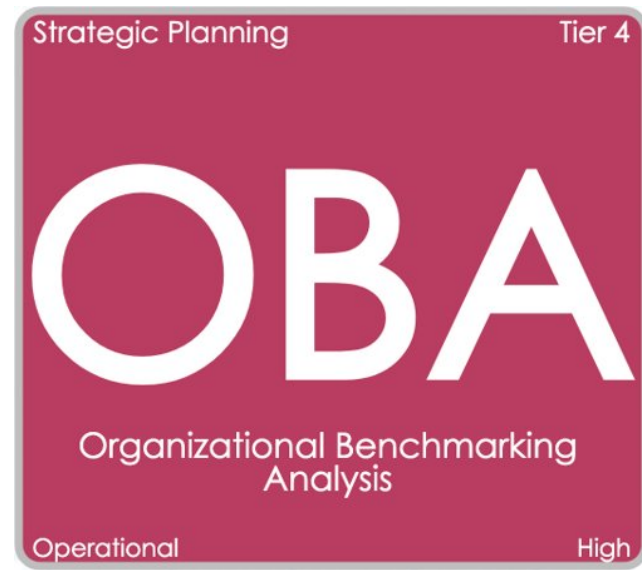
Tech Strategy Framework + Method



# System Capability to Use Requirement Crosswalk (SCC)



**Comparison of organizational performance with comparable  
organizations based on key attributes**



# > WHAT IS IT?

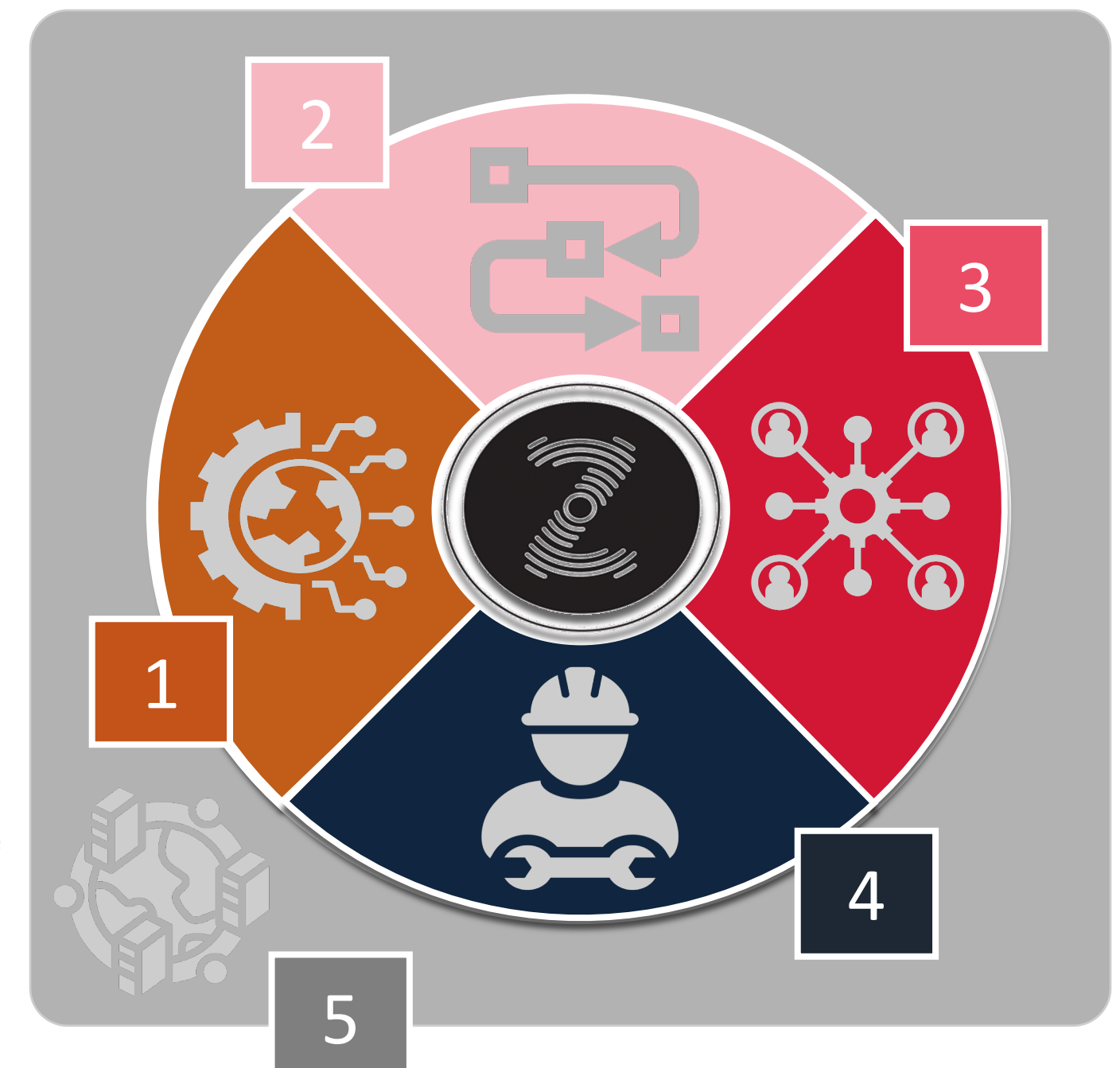
This method is a systematic approach to applying descriptive, qualitative and quantitative information to compare organizations across key areas of interest and identify areas for improvement

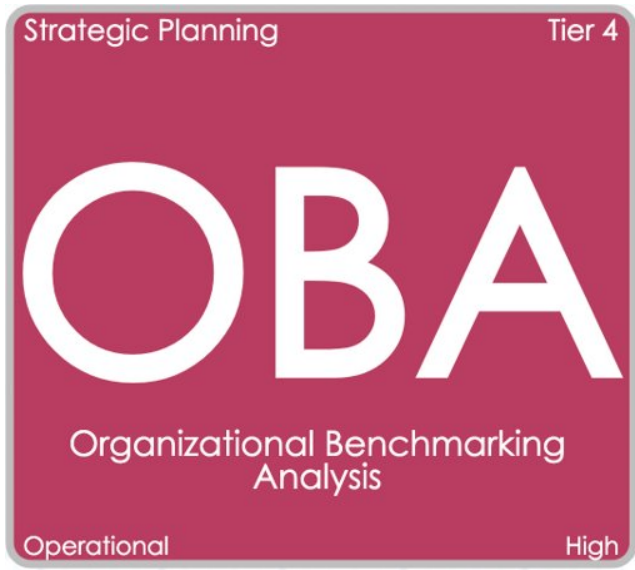


Benchmarking can use one or a blend of approaches based on the desired outcomes and information available:

- quantitative: with numerical data (if it exists)
- qualitative: using structured assessments
- Descriptive: Using available text and descriptive info

- 1 Technology
- 2 Tasks/Processes
- 3 Organizational Structure
- 4 Users/Workforce
- 5 Operating Environment





# WHAT CAN I ANSWER?

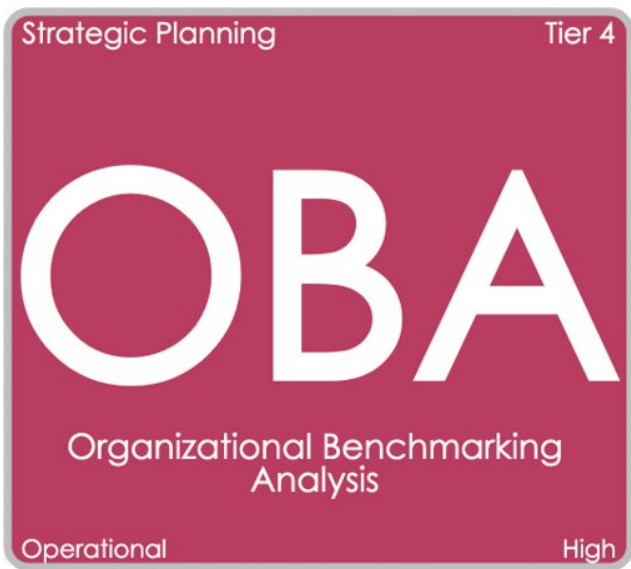
These are key strategic questions that the Organizational Benchmarking Analysis will consider and answer.

What are the key attributes or comparative performance areas for assessing the organization and planning?

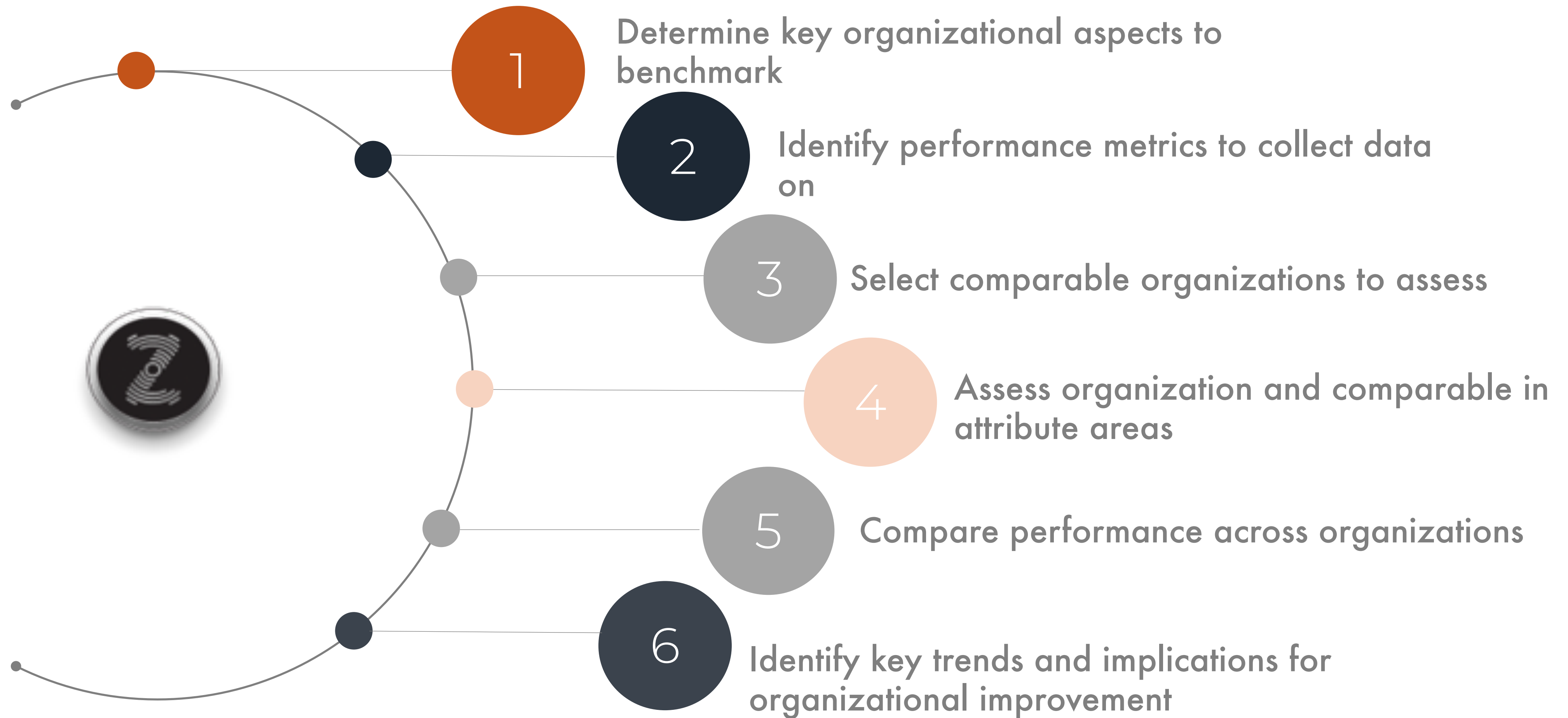
How does each organization perform in each attribute?

What are the organizations most similar or useful for comparison?

What are trends and implications for organization improvement?



# HOW DO I APPLY IT?





# > Why We Built It

*We are passionate about the art and strategy of emerging tech adoption. Zylter thrives at the intersection of tech analysis, design and strategy.*



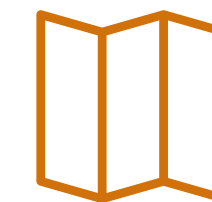
## Zylter

To learn more about our work with tech innovators and industry leaders at [www.zylter.com](http://www.zylter.com)



## Questions

For more information or help applying this and other STS Toolbox resources, contact us at: [STS.solutions@zylter.com](mailto:STS.solutions@zylter.com)



## Explore

To explore the STS Toolbox further or access other methods and resources visit [www.zylter.com/sts-toolbox](http://www.zylter.com/sts-toolbox)



## Connect

We appreciate any feedback you have to improve these methods and how we support them! Reach out to us on LinkedIn or at [www.zylter.com](http://www.zylter.com)



# Periodic Table of Tech Strategy Methods

This table lists and categorizes each of the current and forthcoming methods in the Tech Strategy Tool Kit. Each method has a Functional Group based on the intended use and a Tier based on the level of effort, time and complexity for execution.

### METHOD BLOCK DESIGN

Each Tool Kit method is represented by a block in the Table of Methods below. Each block includes essential information about the task set as described here.



	GROUP0  CORE FRAMEWORKS			GROUP1  STRATEGIC PLANNING			GROUP2  SOLUTION DESIGN + DEVELOPMENT			GROUP3  SOLUTION LIFECYCLE PLANNING			GROUP4  MARKET ANALYSIS+ FRINGING			GROUP5  USER+WORKFORCE ANALYSIS			GROUP6  PROCESS DESIGN + IMPROVEMENT				
TIER1 Summary Approaches	STS <small>Strategic System Approach</small>	TAP <small>Tech Assessment / Analysis Planning</small>	TBR <small>Tech Radar Planning</small>	###	###	###	SRL <small>System Requirements Lifecycle</small>	###	###	###	###	###	###	###	###	###	###	###	###	###			
TIER2 General Assessment				SR <small>Strat Recommendation Development</small>	OKR <small>Objectives/KPIs/Results Based Design</small>	SEM <small>Strategy Engagement Mapping</small>	DPR <small>Design Principles Review</small>	OEA <small>Operating Environment Assessment</small>	PRD <small>Product Requirements Document Design</small>	ASA <small>Assessment of Solution Architecture</small>	###	###	###	###	###	###	UPD <small>User Policy Development</small>	SDD <small>Strat User Delivery Design</small>	USA <small>User Registration Analysis</small>	TSD <small>Team Structure Design</small>	###	###	
				SFD <small>Strategy Roadmap Development</small>	ROI <small>Strategy Return-on-Investment Assessment</small>	###	UCD <small>Use Case Design</small>	###	###	###	###	###	###	###	###	###	TFH <small>Tech Ecosystem Hierarchy Assessment</small>	###	###	###	###	###	
				CLA <small>Complexity Landscape Analysis</small>	SFA <small>Strategy Strength Analysis</small>	IRD <small>Implementation Readiness Doc</small>	SJM <small>Solution Journey Mapping</small>	SRI <small>Solution Requirements Identification</small>	PCD <small>Product Catalog Design</small>	TCO <small>Total Cost of Ownership Assessment</small>	TCM <small>Total Cost of Opn</small>	MRA <small>Manufacturing Readiness Assessment</small>	###	###	###	###	###	QUP <small>Qualitative Usage Profile Creation</small>	TAI <small>Tech Adoption Indicators</small>	FTA <small>Fault Tree Analysis</small>	PRL <small>Production Readiness Level</small>	ABM <small>Ability-Based Management Design</small>	OPM <small>Operational Process Map</small>
TIER3 Detailed Assessment				SRD <small>Strategy Roadmap Design</small>	SEM <small>Strategy Engagement Mapping</small>	SEP <small>Strategy Engagement Realization</small>	KTD <small>Knowledge Transfer Design Approach</small>	PRD <small>Product Roadmap Development</small>	###	###	###	###	###	###	###	###	###	QSD <small>Qualitative Survey Design</small>	SFG <small>Structural Flow Diagram</small>	###	###	###	###
TIER4 Technical Analysis				OBA <small>Organizational Benchmarking Analysis</small>	SOM <small>Solution Opportunity Mapping</small>	IAP <small>Implementation Culture Realization</small>	CEA <small>Conceptual Operations Assessment</small>	PCP <small>Product Catalog Workflow</small>	###	###	###	###	SNA <small>Small Network Analysis</small>	PPD <small>Policy Pattern Development</small>	CRM <small>Cult - Revenue Modeling</small>	WDR <small>Workflow Dev Requirements Doc</small>	TTA <small>Transfer Trend Analysis</small>	WAM <small>Workflow Addressable Model</small>	PMS <small>Process Manager-Driven Simulation</small>	###	###		
				###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	###	
	GROUP0  COREFRAMEWORKS			GROUP3  STRATEGICPLANNING			GROUP6  SOLUTION DESIGN + DEV/LOPMENT			GROUP4  PRODUCT LIFECYCLERLANNING			GROUP2  FRINGE+ MARKETANALYSIS			GROUP1  USER+ WORKFORCE ANALYSIS			GROUP5  PROCESS DESIGN + IMPROVEMENT				

## METHOD TIERS

**TIER 1: Summary Approaches** High-level approaches and resources that requires execution of multiple higher-tier methods to successfully complete. These are the core execution roadmaps for Tech Builder growth milestones, Tech Seeker solution adoption stages and the SocioTechnical System Model that guides Zylter design of specific methods.

**TIER 2: GENERAL APPROACHES** Methods and resources that can be executed with mostly descriptive information and quickly applied to inform key decisions. These methods are general supported by or expanded on by detailed methods and technical analyses.

**TIER 3: DETAILED ASSESSMENT** Methods and resources that compile extensive numeric and/or descriptive information to provide a more detailed examination and assessment.

**TIER 4: TECHNICAL ANALYSIS** Methods and frameworks that apply extensive data that is usually numeric and generally requires specialized software and expertise to execute.