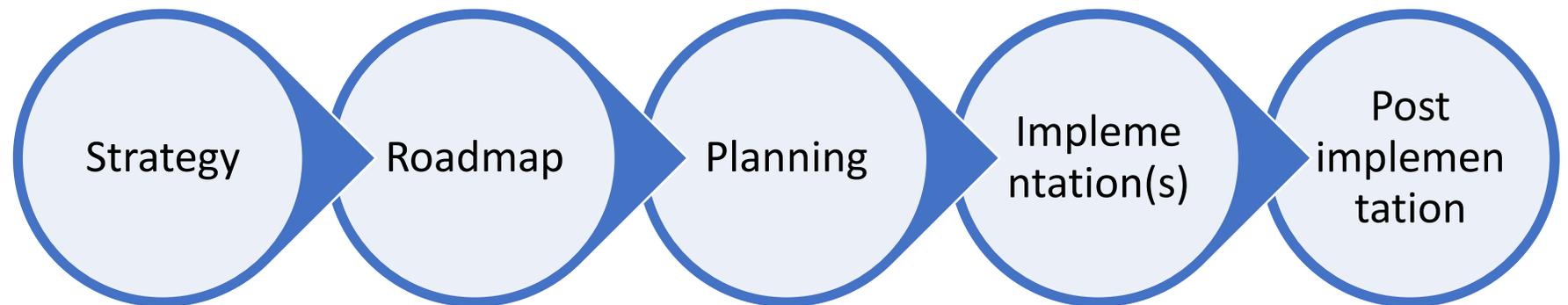


Blueprint for IIoT adoption

Sujata Tilak
MD, Ascent Intellimation
Past President, ISA Pune Section

24th Nov 2018

Adoption stages



Strategy



Digital Engineering

Digital Twin

Collaboration in R&D

Digital modelling & simulations



Smart Manufacturing

Production improvements / OEE

Prescriptive & Predictive maint

Quality improvements



Digital Supply Chain

E2E visibility

Supply and Demand planning

Smart warehousing



Smart Services

Smart asset management

Pay per use business model

Multi channel customer support



Digital Workplace

Mobility solutions

Digital HR

Workplace safety and security

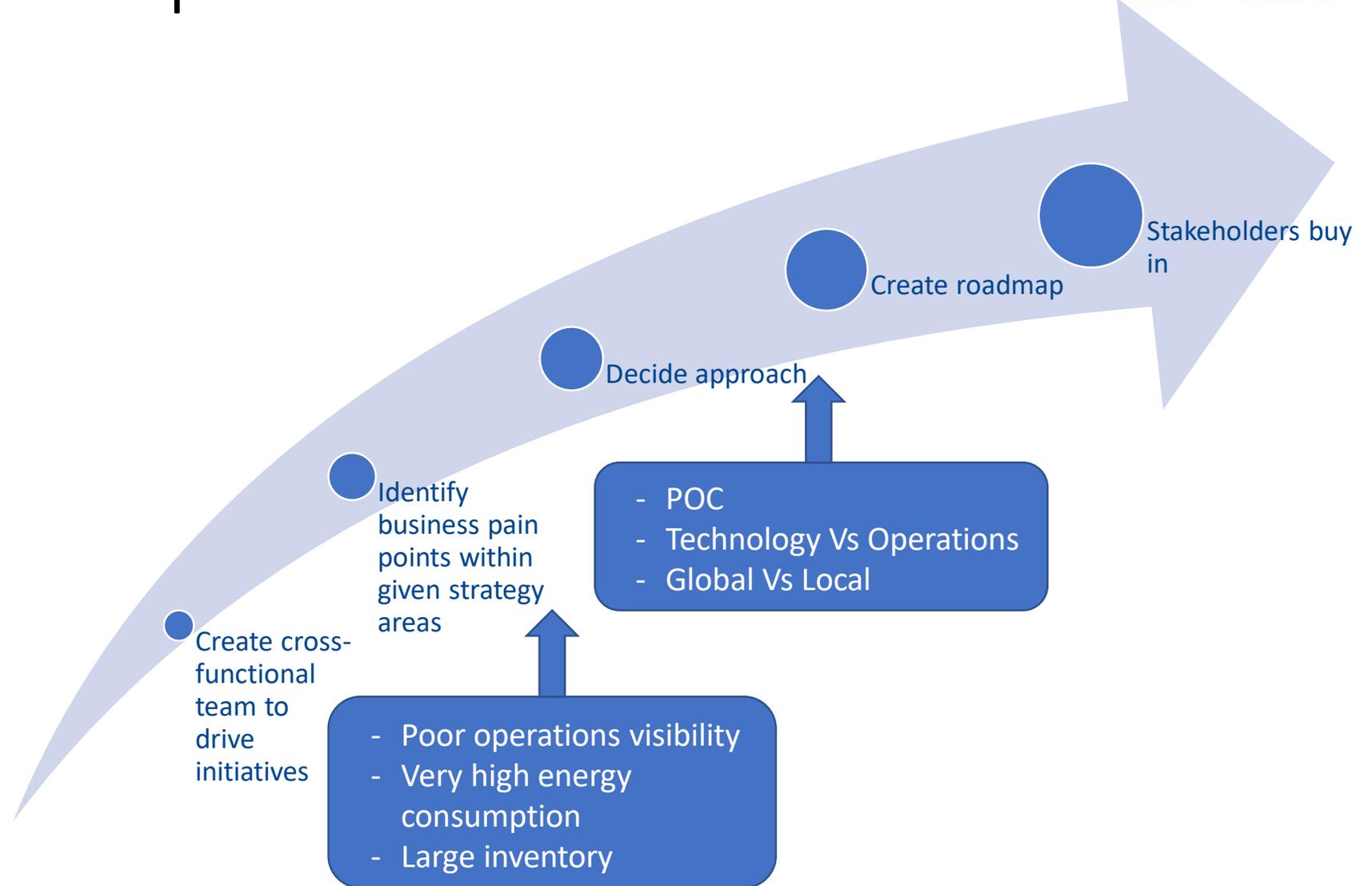


Roadmap - Planning



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Roadmap: Business



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Roadmap: People



Onboarding

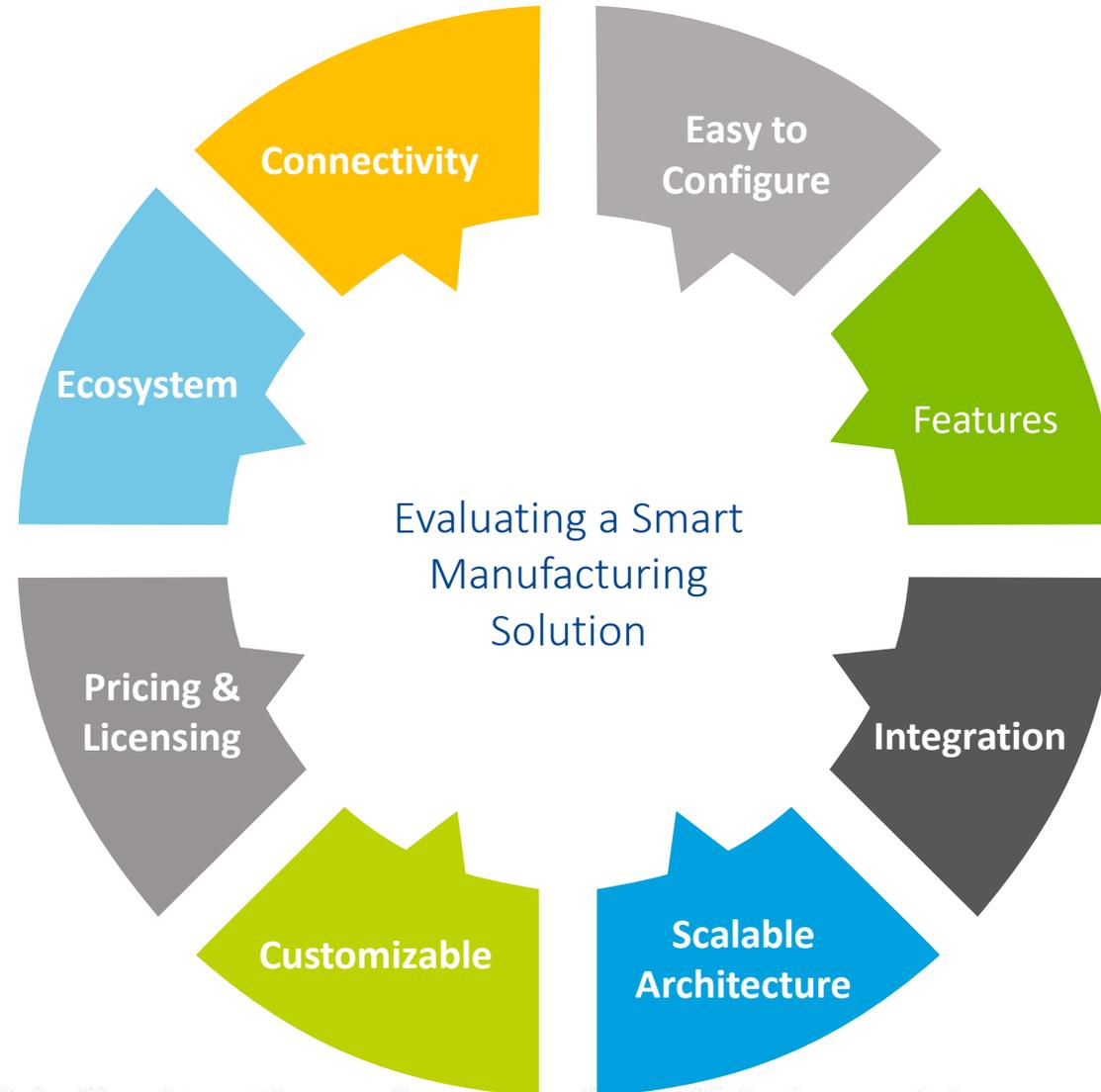
**Reskilling
Empowering**

**Standard
Operating
Procedure**

**Expect
resistance
and be
prepared to
deal with it**

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Planning: Partner / Solution



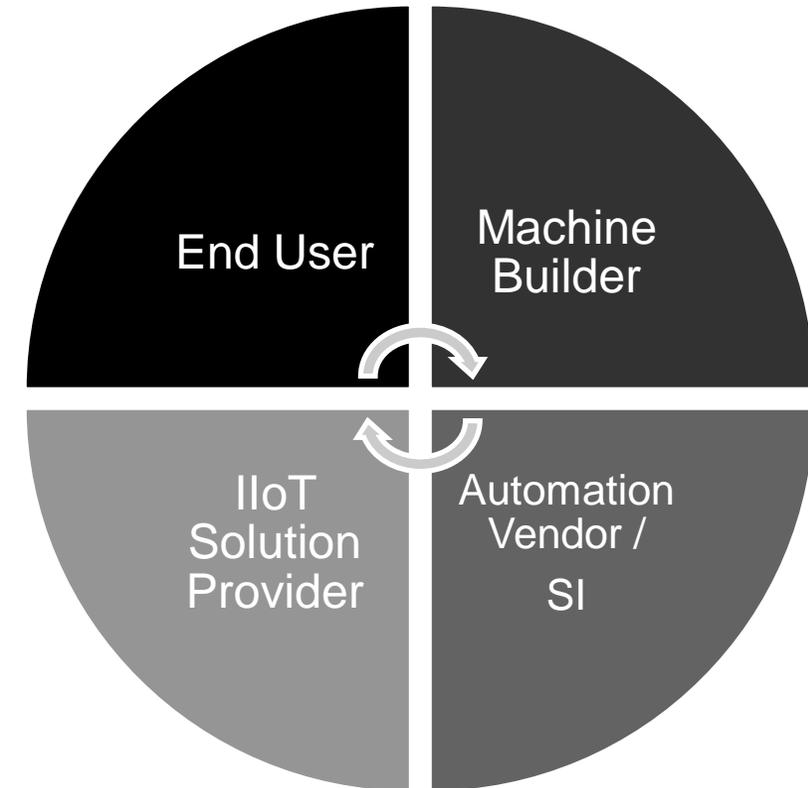
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Planning: Budgeting

- Connectivity
- Edge infrastructure
- Cloud infrastructure
- Solution licensing + services
- Customizations
- Internal costs

- Assets
 - Data identification
 - Connectivity
 - Feasibility study and solutions
- Network
- Security





Implementation

Joint Activities – Need Internal CHAMPIONS

Partner

- Customizations specs
- Asset connectivity solutioning
- Infrastructure
- Configuration / master data
- Shop floor work plan
- Implementation
- Integration with other systems
- Verification, fine tuning
- FAT support
- User trainings
- User hand holding
- Support
- Periodic reviews

Industry

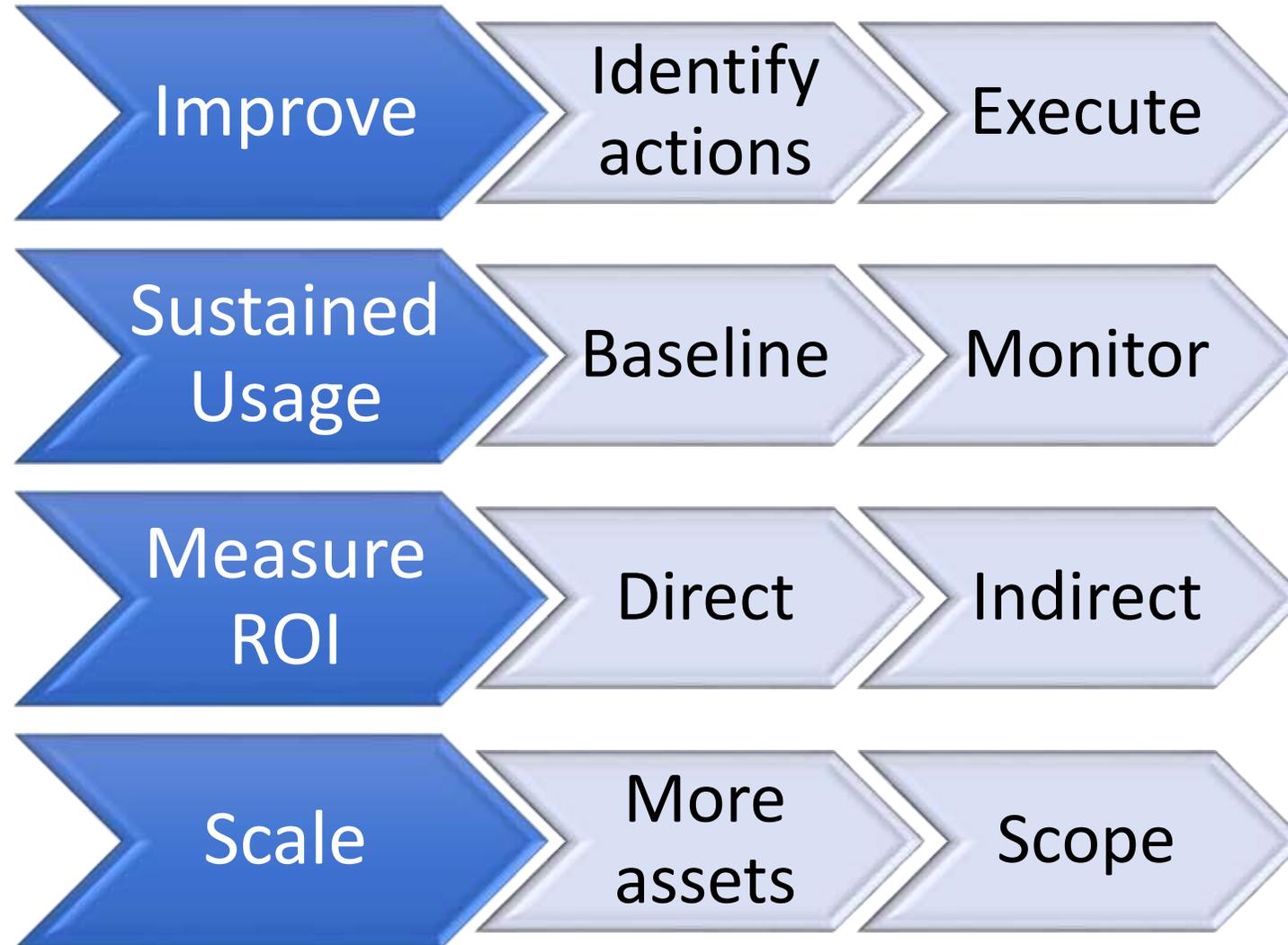
- Customization specs
- Asset connectivity support
- Infrastructure
- Provide master data
- Shop floor work plan
- Support in implementation
- Integration with other systems
- Support in verification
- FAT
- User trainings
- System usage
- System operations
- Periodic reviews

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This is just the beginning!

Post implementation





Thank You!

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