



SUKALPA TECH

2/3 Wheeler
Capabilities

SERVICES FOR 2 & 3 WHEELER

Design Related

Research & Feasibility Study

Concepts Development

Product Design & Development

Prototyping

CAE Analysis & Simulation

Tooling, Jigs & Fixture Design

Testing & Validation

Manufacturing Related

Production Process Design

Plant Layout Design

Equipment & Tools Selection

Process Improvements

Process Documentation

Cost Saving Projects

Homologation & Other

Type Approval

FAME-II Subsidy Support

Sourcing & Vendor Development

WMI Registration

Plant Accreditation

Training & Development

Recruitment Service



DESIGN CAPABILITIES FOR 2 & 3 WHEELER

New Vehicle Design & Development

- Styling
- Vehicle Engineering
- Electric Drivetrain
- Graphic Design
- Retro-Fitment Kit
- Testing & Validation
- Competitor Benchmarking
- CAE Analysis



Component Design & Development

- Motor
- Controller
- BMS
- Wiring Harness
- Lights – Head, Side, Tail
- Seats



MANUFACTURING CAPABILITIES

Process Engineering

- Production Process Planning
- Layout Planning
- Facility Planning
- Production Capacity Planning

Industrial Engineering

- Continuous Improvements
- Time Study & Line Balancing
- Manpower Planning
- Work Instructions Documentation
- Material Flow

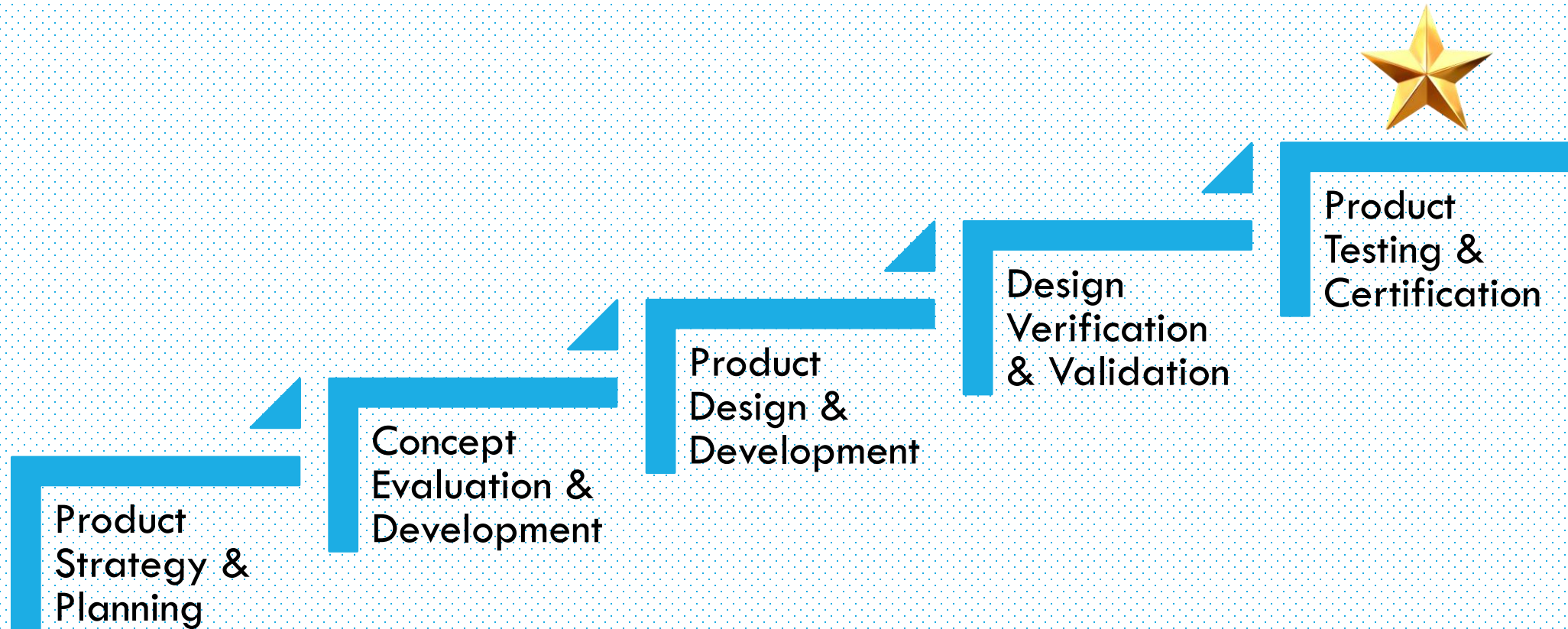


Tools & Fixtures

- Fixture Design & Development
- Assembly Line Tools & Templates
- Machinery Planning
- Inspection Tools & Gauges
- Trolley Design & Development

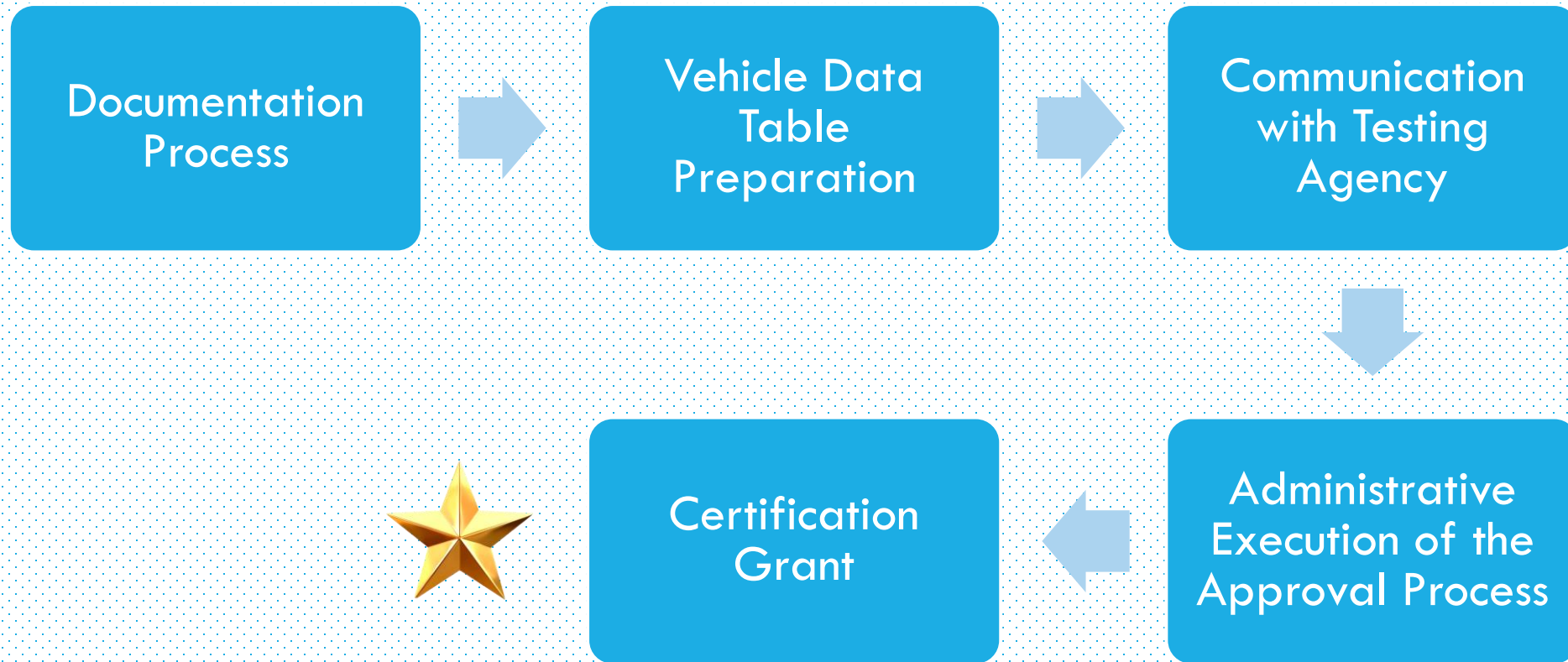


PRODUCT DEVELOPMENT PROCESS



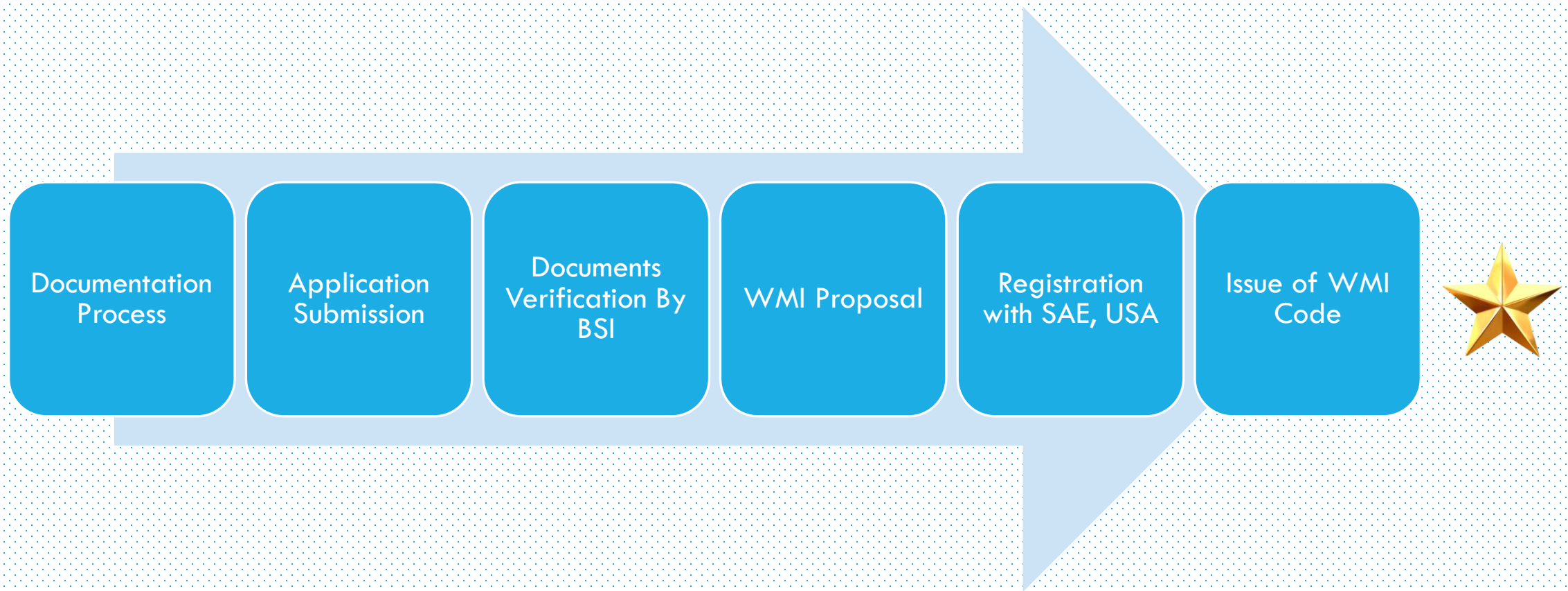


HOMOLOGATION PROCESS





WMI REGISTRATION PROCESS





POOL OF EXPERTS FROM BUS INDUSTRY



2 & 3 WHEELER CUSTOMERS SERVED



Persist Energy



Revamp Motors



TRESMOTO





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