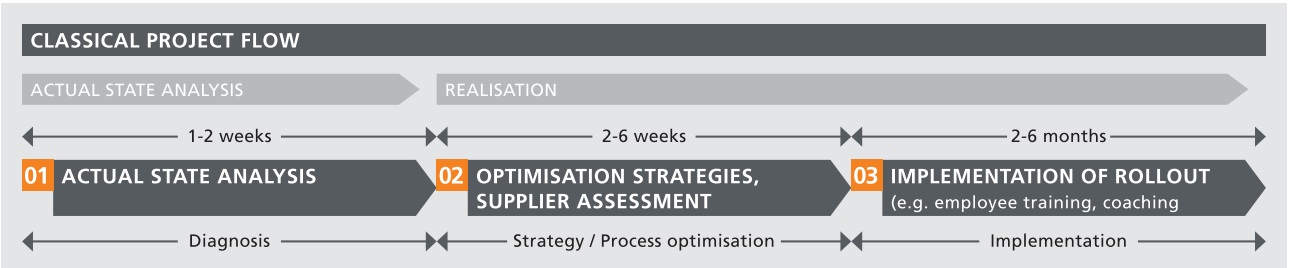
EXPERTISE IN PRODUCT LIFE CYCLE

05 Our Expertise in Manufacturing / Assembly (Kaizen / KVP (CIP))

- Identification and elimination or reduction of 7 wasteful practices
- Carrying out quality cost analysis, development and implementation of Continuous Improvement Process activities
- Introduction of Lean Production principles to optimise productivity, throughput time, stock and delivery reliability
  - Value stream analysis (see example)
  - Process optimisation (smoothing, synchronisation, standardisation)
  - Quality cost optimisation (reduction of defect costs, Poka Yoke, SPC, QRK)
  - 5S
  - Total Productive Maintenance (TPM)
  - Visualisation
  - Set-up time optimisation
- Product cost optimisation (product conclaves / redesign to cost)
- Optimisation of production planning/control
  - Objectives, goal controlling
  - Demand-oriented control (pull-principle, Kanban, JIT/JIS)
  - Introduction of controlling und visualisation
- Optimisation of in-plant logistics
- Team work, semi-autonomous working groups
- Six Sigma projects



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EXPERTISE IN PRODUCT LIFE CYCLE

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CHALLENGES:

- Cost-cutting (production cost reduction)
- Necessity of further product activity increases
- Scrap reduction
- Minimise
- Optimise set-up times
- Optimise stock and storage time
- Decrease throughput time

BASIC APPROACHES:

- Carry out value stream analysis to identify waste
- Analyse interdependencies and develop improvement potential
- Hold product conclaves / workshops
- Identify supplier/purchasing potential

RESULT MEASUREMENT PARAMETERS:

- Reduced throughput times
- Lower stock
- Improved productivity
- Reduction of quality costs
- Improved adherence to schedules (goods in, shipping)
- Product cost reduction