

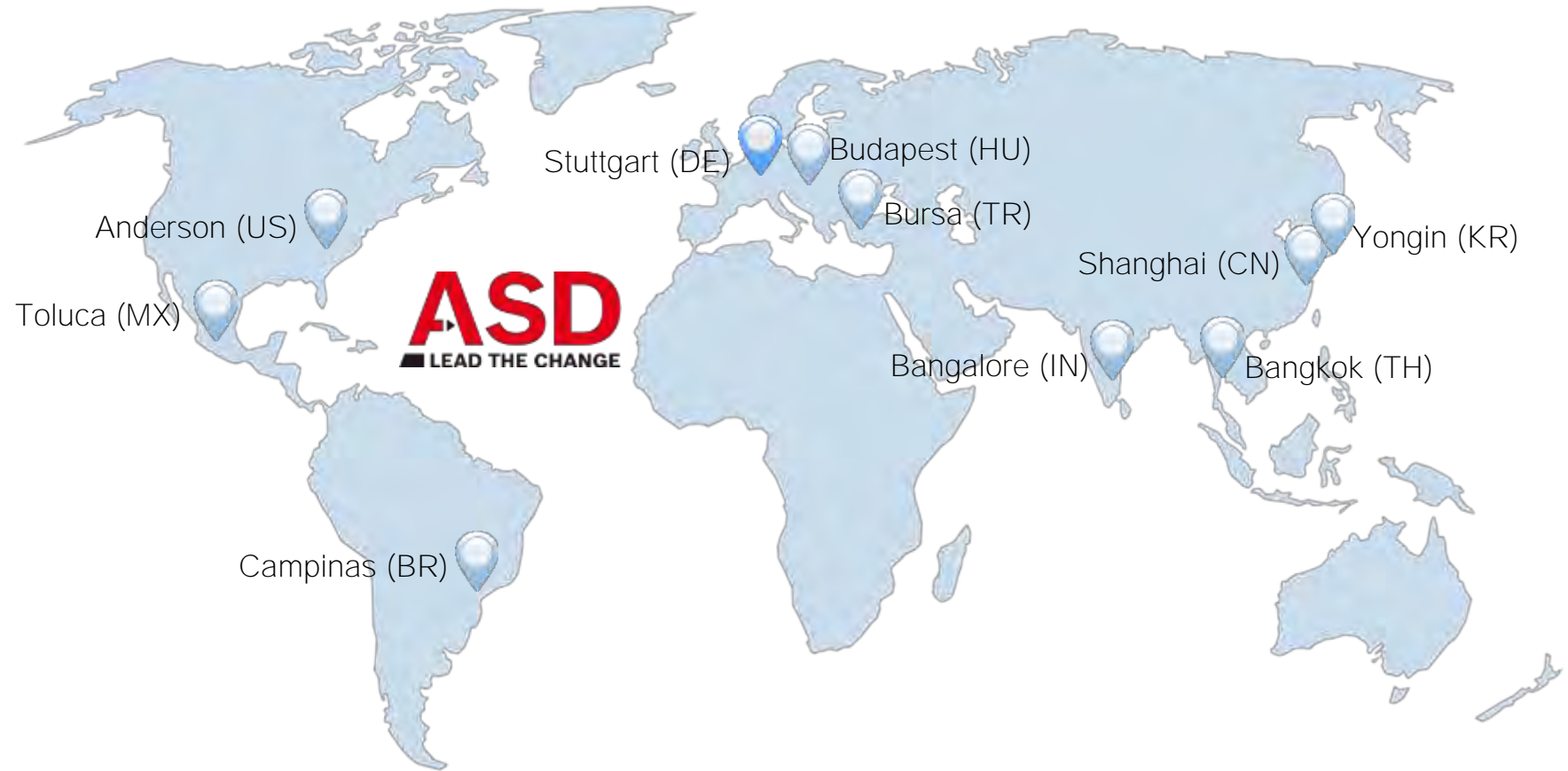
What next?

After the successful
IATF 16949:2016 Audit

Ászity Sándor CP/ASD-EE
Robert Bosch

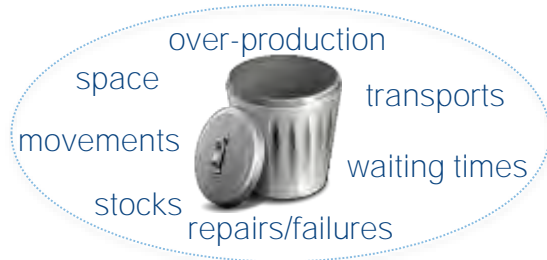
Automotive Supplier Development

ASD – Lead the Change



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Target of the Supplier Development



Development of the holistic Supply Chain in Direction of Lean Management

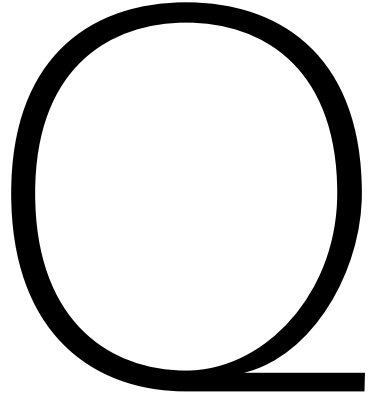
By consistent application of

- ▶ Process orientation in all business processes
- ▶ LEAN-Principles
- ▶ Standard-Logistics-concepts

Leads to improvement of the competitiveness

- ▶ Costs
- ▶ Quality
- ▶ Delivery
- ▶ People
- ▶ Society

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8.5 Improvement

8.5.1 Continual improvement

ISO 9001:2008, Quality management systems — Requirements

8.5 Improvement

8.5.1 Continual improvement

The organization shall continually improve the effectiveness of the quality management system through the use of the quality policy, quality objectives, audit results, analysis of data, corrective and preventive actions and management review.

8.5.1.1 Continual improvement of the organization

The organization shall define a process for continual improvement.

8.5.1.2 Manufacturing process improvement

Manufacturing process improvement shall continually focus upon control and reduction of variation in product characteristics and manufacturing process parameters.

NOTE 1 Controlled characteristics are documented in the control plan.

NOTE 2 Continual improvement is implemented once manufacturing processes are capable and stable, or product characteristics are predictable and meet customer requirements.

8.5.2 Corrective action

ISO 9001:2008, Quality management systems — Requirements

8.5.2 Corrective action

The organization shall take action to eliminate the causes of nonconformities in order to prevent recurrence. Corrective actions shall be appropriate to the effects of the nonconformities encountered.

A documented procedure shall be established to define requirements for

- a) reviewing nonconformities (including customer complaints),
- b) determining the causes of nonconformities,
- c) evaluating the need for action to ensure that nonconformities do not recur,
- d) determining and implementing action needed,
- e) records of the results of action taken (see 4.2.4), and
- f) reviewing the effectiveness of the corrective action taken.

8.5.2.1 Problem solving

The organization shall have a defined process for problem solving leading to root cause identification and elimination.

If a customer-prescribed problem-solving format exists, the organization shall use the prescribed format.

8.5.2.2 Error-proofing

The organization shall use error-proofing methods in their corrective action process.

8.5.2.3 Corrective action impact

The organization shall apply to other similar processes and products the corrective action, and controls implemented, in order to eliminate the cause of a nonconformity.

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Customer order: 1000 Pcs for next week

Customer tact (TT): 144 sec

Production tact (LT): ?

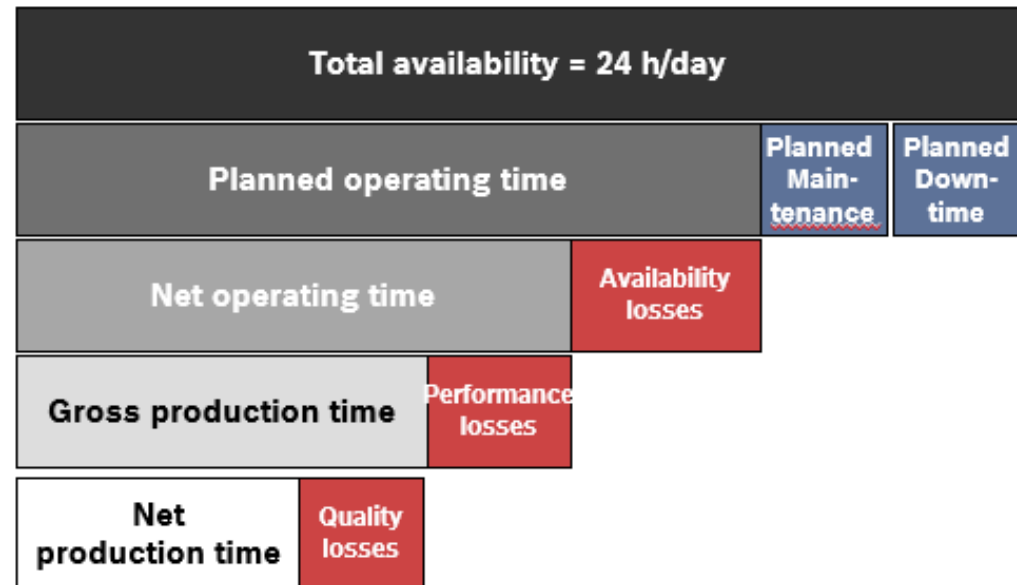
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Customer order: 1000 Pcs for next week

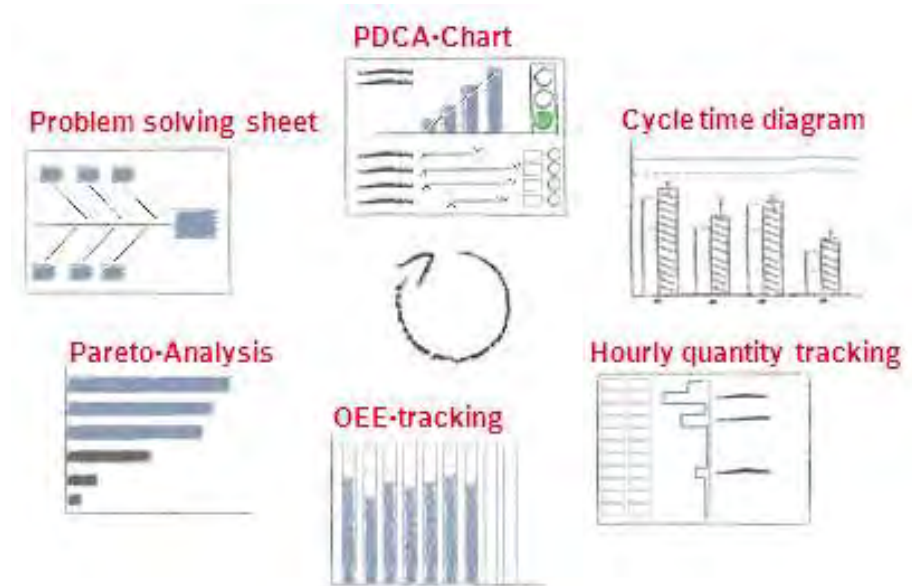
Customer tact (TT): 144 sec

Production tact (LT): ?

$$LT = TT \times OEE$$



Collecting **Fact and Figures**
in order to be able to confirm
the customer order by using
PDCA cycle.



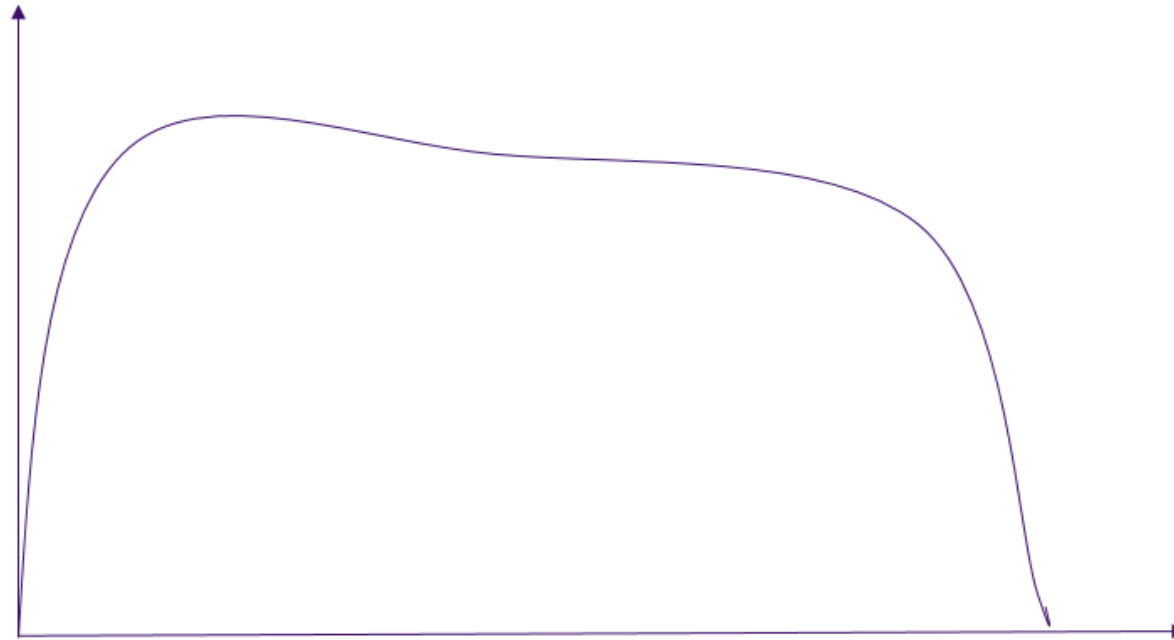
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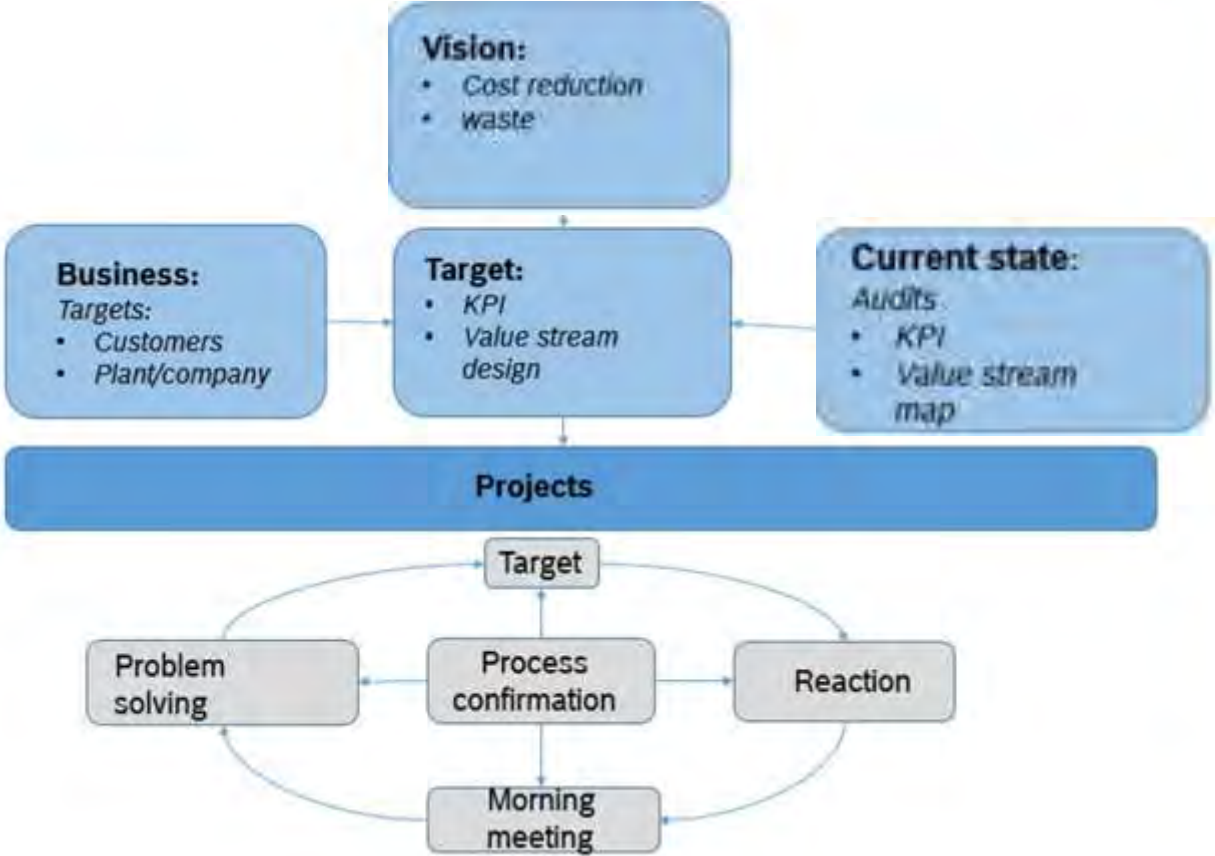


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Product lifecycle



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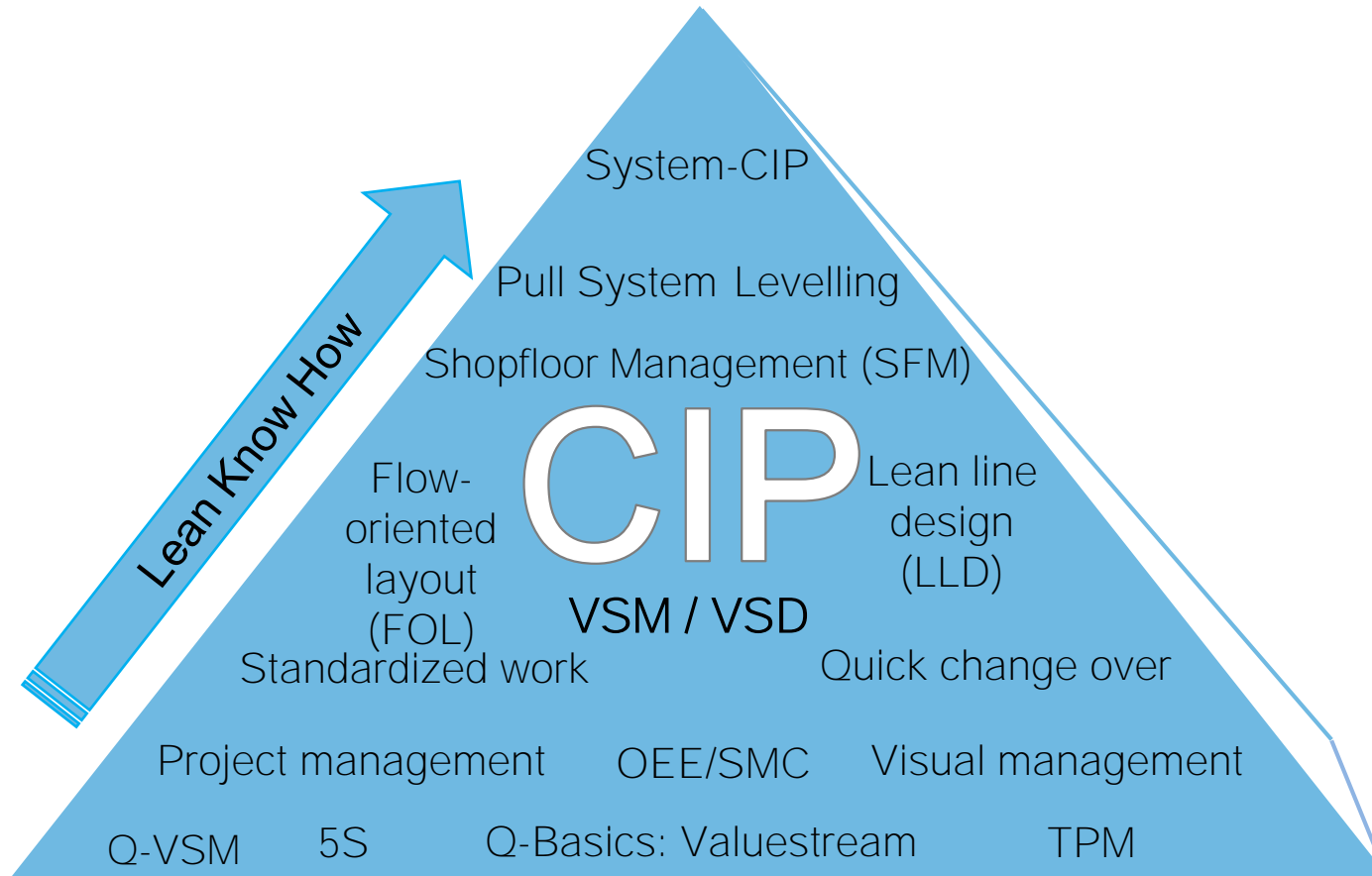


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Automotive Supplier Development Toolbox to improve Performance



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Principles of Lean



THANK YOU!

