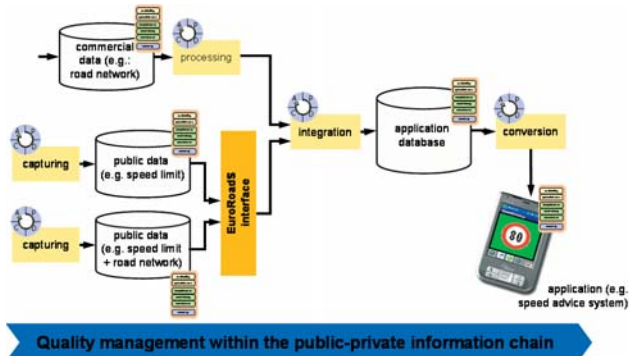


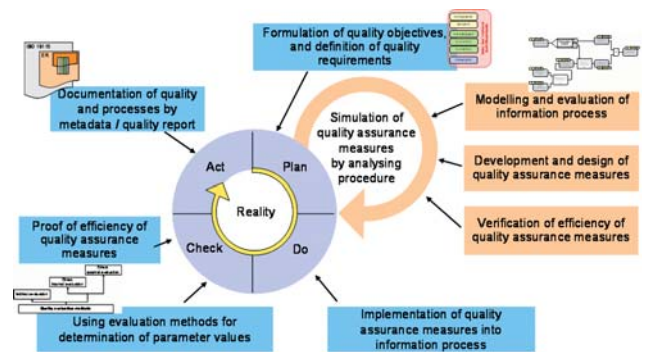
## Motivation

Provision of quality assured data in an application needs quality management within the entire information process.



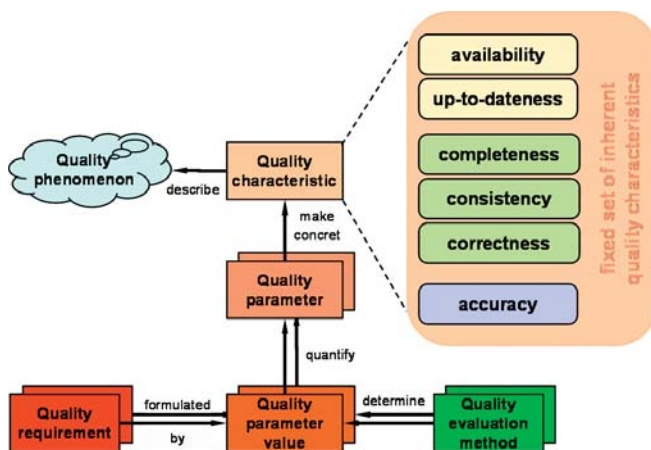
## Quality management concept

Special methods for planning, evaluation and documentation of quality within road data processes are orientated according to the general phases of the quality-cycle of Deming (Plan, Do, Check, Act).



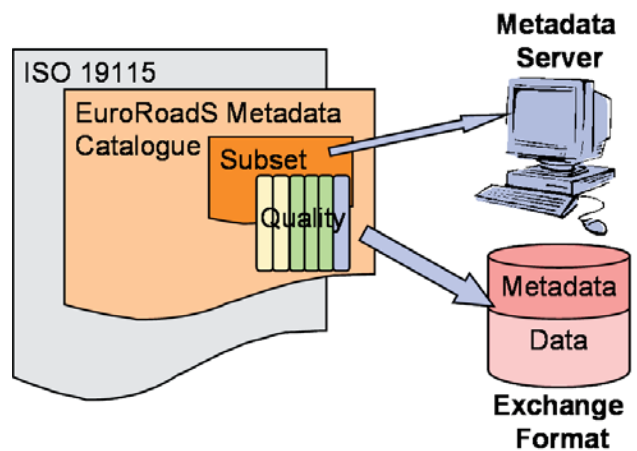
## Quality model

- fixed set of inherent quality characteristics ensures uniform quality description
- various quality parameters ensure necessary flexibility to describe heterogeneous data types



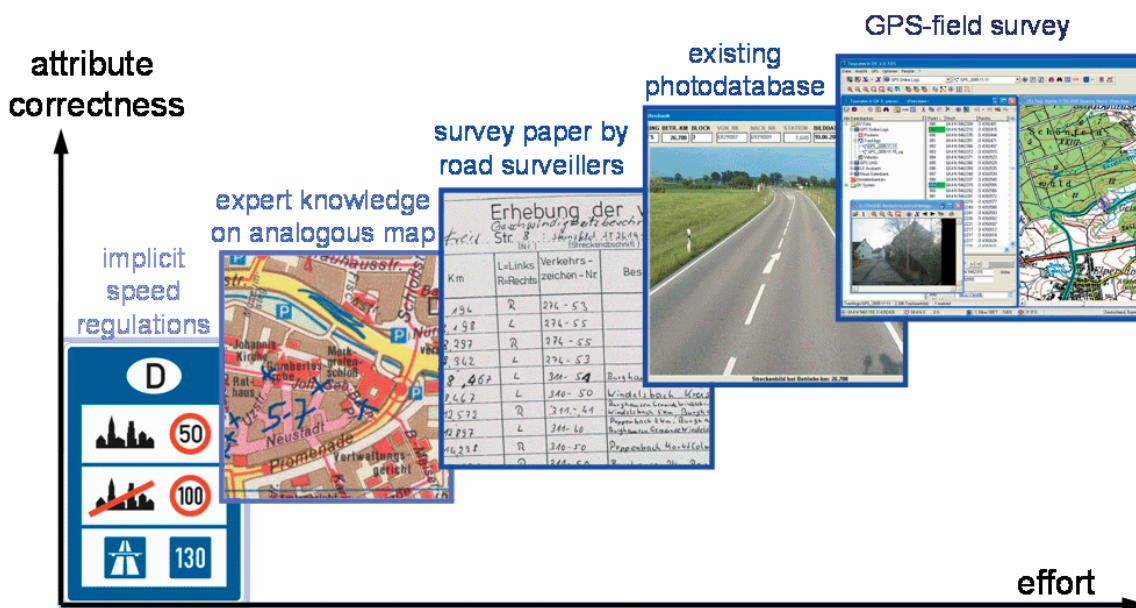
## Implementation of metadata

- specification of a metadata catalogue including core elements and other important elements of ISO 19115 as well as extended elements, which are important for road databases, their quality description, and their international application
- implementation of metadata in metadata server
- implementation of metadata in exchange format



## Realisation and evaluation

In the testfield "Ansbach" (Bavaria) speed limit information will be captured in cooperation with PTV AG, Bavarian Board of Building, and other administrations. In this testfield the quality management concept will be applied.



- initial acquisition of speed limit information of different sources (implicit, expert knowledge, photo-database, field survey)
- evaluation of different sources regarding quality and costs
- recommendations for procedure of data capturing and maintenance for speed limit information in future

### Contact

For further information about Quality Management, please visit EuroRoadS on [www.euroroads.org](http://www.euroroads.org) or contact Work Package leader for WP2 Evaluation and Quality Control: Thomas Wiltchko, University of Stuttgart  
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