

PLENARY SESSION FOUR

Presentation 3

**Quality management in PTI. Requirements for the
European harmonization of PTI.
Common protection objectives and efficient
evaluation methods**

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CITA

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‘Strategies for improving roadworthiness’

Requirements for the harmonization of PTI.

Common protection objectives and efficient evaluation methods

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Quality Management in PTI

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Quality Management in PTI

The 8 Pillars of Roadworthiness Testing

1. Items to be inspected and inspection method;
2. Definition of defects and assessment of result of test;
3. Vehicle classes to be inspected;
4. Frequency of testing;
5. Equipment to be used;
6. Skills and application of staff;
7. Supervision of the testers and enforcement of the system;
and
8. Data / information exchange

Source: CITA-Conference 2011 Berlin, W. Nissler



Requirements for the European harmonization of PTI

- In the proposal „Roadworthiness-Package“ you ‘ll find terms like
 - sufficient
 - high level
 - extensive
 - documented experience or
 - necessary knowledge
- What does it mean? What and how many shall we do? Is it sufficient?
- For an equal and high/advanced level of roadworthiness in Europe clear requirements are indispensable.
- And therefore the demands and processes must be clearly defined.



Competence - System Three^e

Education

Examination

Entrustment

(15) High standards of roadworthiness requires a high level of skills and competence...



System Three

Education



Proof of training and
relevant experience in PTI
for trainer and institute

Pre-check candidate,
requirements

According to curriculum



System Threee

Examination



According to curriculum

Theory and practice,
supervised or done by the
authoric body

Certificate





System Three^e

Entrustment

Performing PTI only
as a member
of a PTI-company
(accredited on
EN ISO/IEC 17020)



QM-System
EN ISO/IEC 17020

Member or employee of a
PTI-company requires the
agreement of the
authorising body.

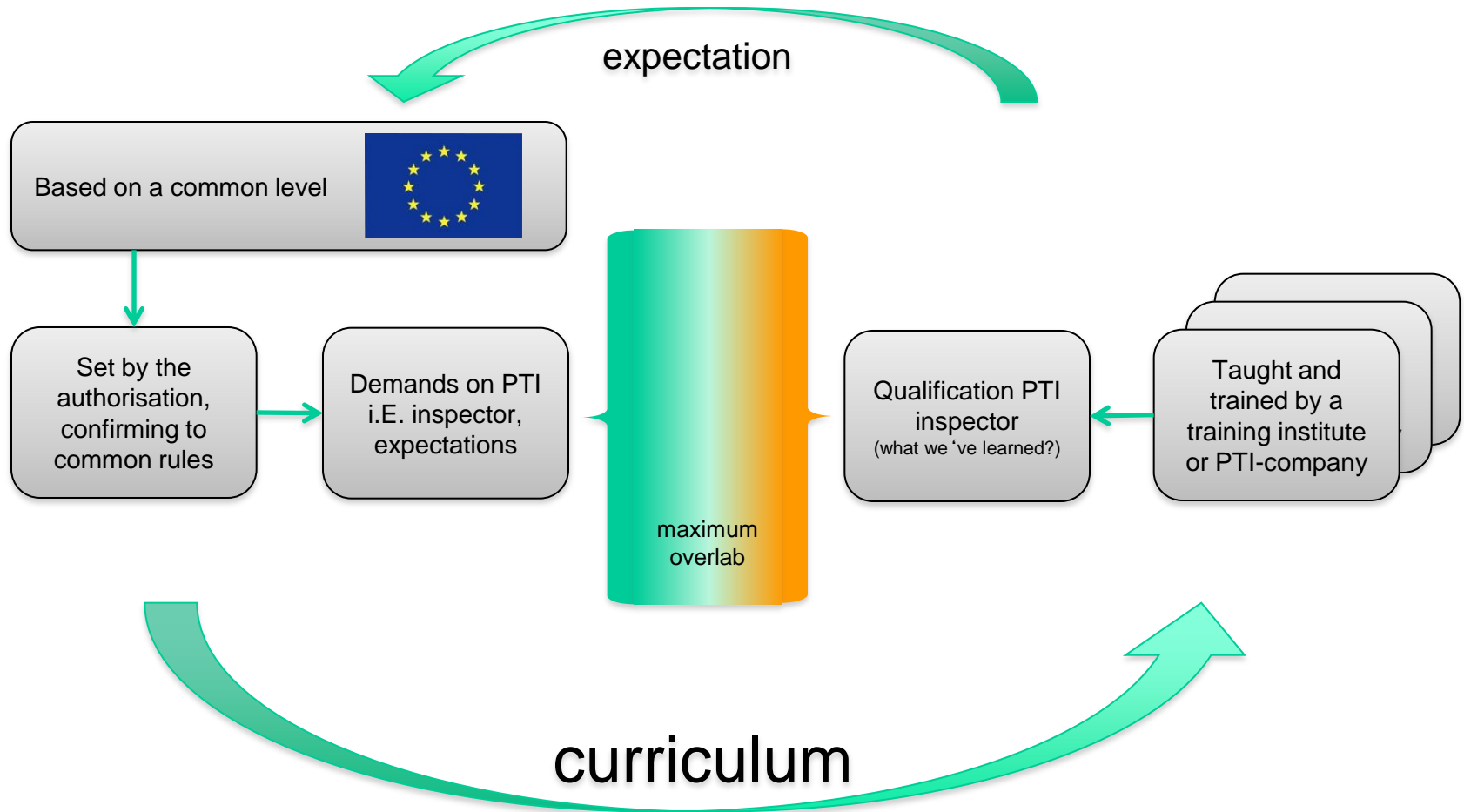
Requirements:

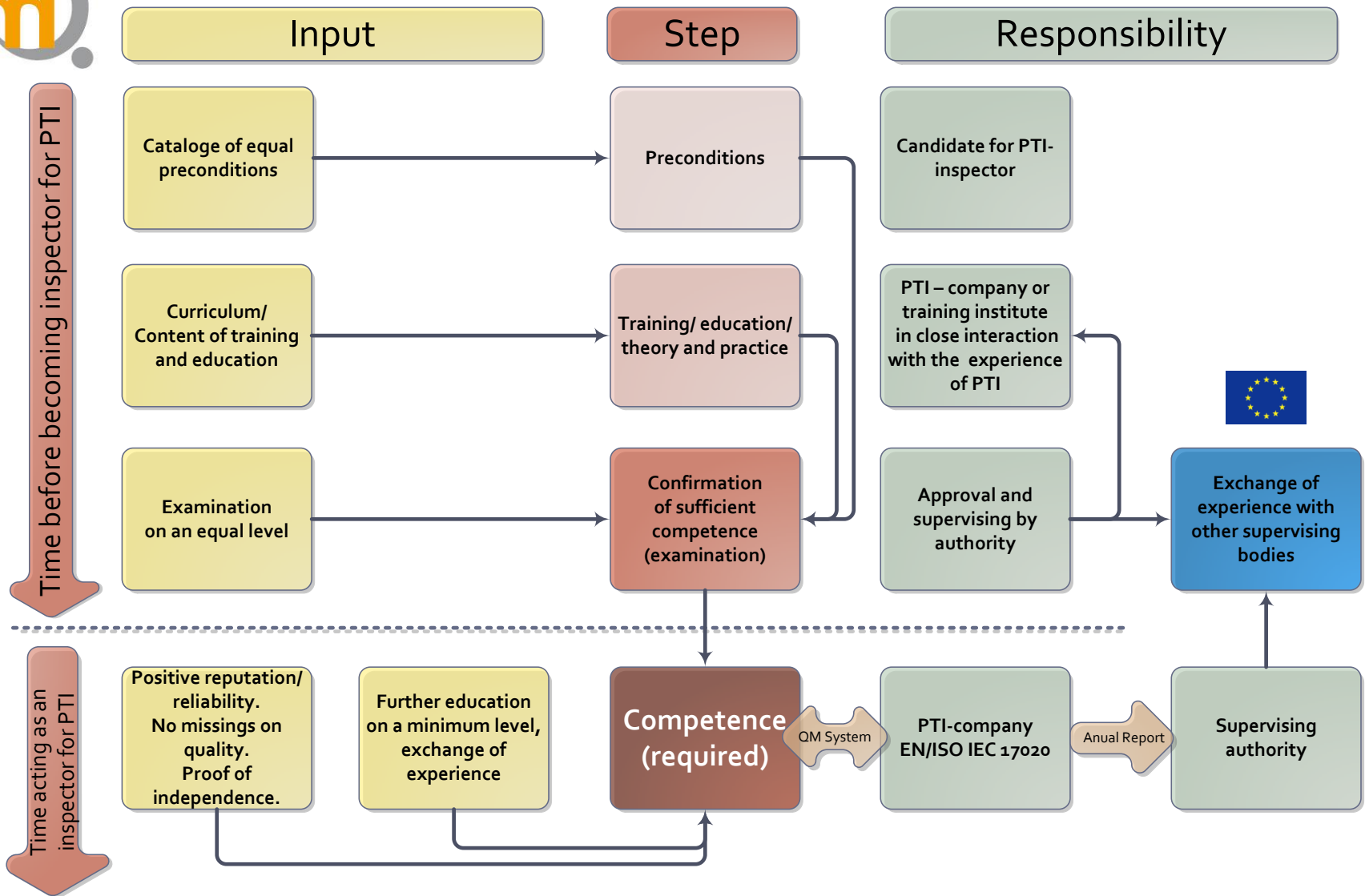
- Certificate of examination
- Drivers licence of all important classes
- Positive reputation/reliability
- no missings on quality
- Proof of independence (conflict of interest)

Certificate of further training



Demands for common rules







Requirements for the European
harmonization of PTI.

**Common protection objectives
and efficient evaluation methods.**



Common protection objectives

The 8 pillars describe the priorities

- The objective is a consistently high level of quality of the PTI to increase road safety and environmental protection.
- If uniform requirements are specified, they have to be controlled.
- Requirements which are not controlled, not do lead to the possible improvement.

Quality controls for checking the demands are required to recognize additional potentials → Vision Zero!



Uniform standards for measurement

- Common measurement methods and evaluation criteria are required so that throughout Europe the quality of PTI can be measured and assessed.
- These standards must be accepted by all and are anchored in the regulation or directive.
- An independent body should supervise compliance with this standards, evaluate the results and report to the commission.



Beispiel – Unannounced Re-Inspection of PTI

- You remember, on the CITA congresses in 2009 and 2011, we reported about a system in Germany that continuously measured the quality of PTI in accordance with uniform and accepted standards.
The quality tests performed since 2008 have demonstrated significant improvements in quality.
Regular evaluations are accepted benchmarks for the supervision.
- → information film



Movie about the system of equal quality checks





Results

- Uniform standards for quality checks have led to equalized quality in competition
- Neutrally performed quality checks have led to significant improvements
- Results and analyses are accepted basis for assessing quality of PTI



Summary

- If we harmonize the PTI in Europe, we have to fix clear requirements with clear contents addressed to
 - PTI-companies
 - Staff
 - Authority bodies
- Independent performed quality checks for all PTI-companies based on standardized proceedings and criteria by measuring and evaluating the results.



Conclusion

Harmonized PTI requires

- Same standards, by performing and supervising PTI
- Uniform quality checks for evaluation
- Supervision by an independent body
- Already achieved quality level should not be lowered by the harmonization
- A further increase of road safety by individual activities must be allowed to achieve the highest possible road safety



Recommendation

- Harmonized PTI and further mutual recognition requires also uniform standards for quality assurance
- Compliance especially can be verified by sampling checks

Thank you for your attention

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