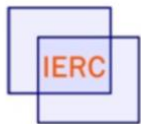


# Cost Benefit Analysis of Inspection Methods to check eCall within the PTI

Brussels 08 June 2018



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MEERBUSCH 2017

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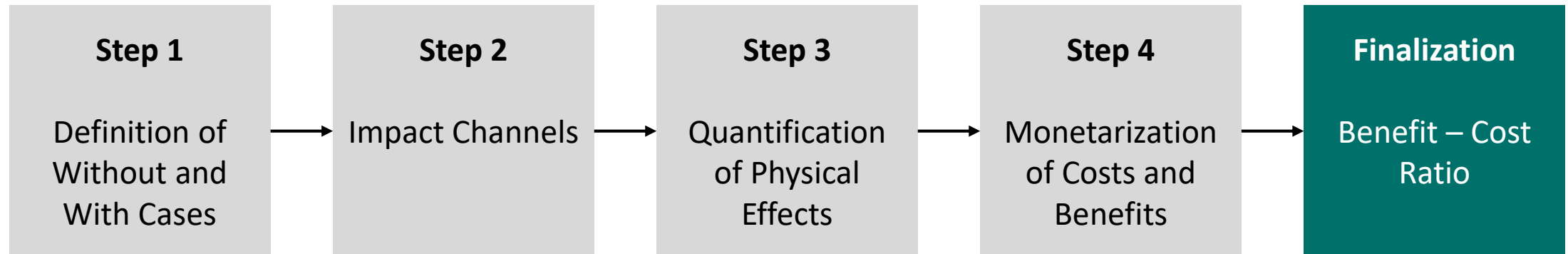
(SEBASTIAN.SCHELER@ZU.DE)

# Motivation

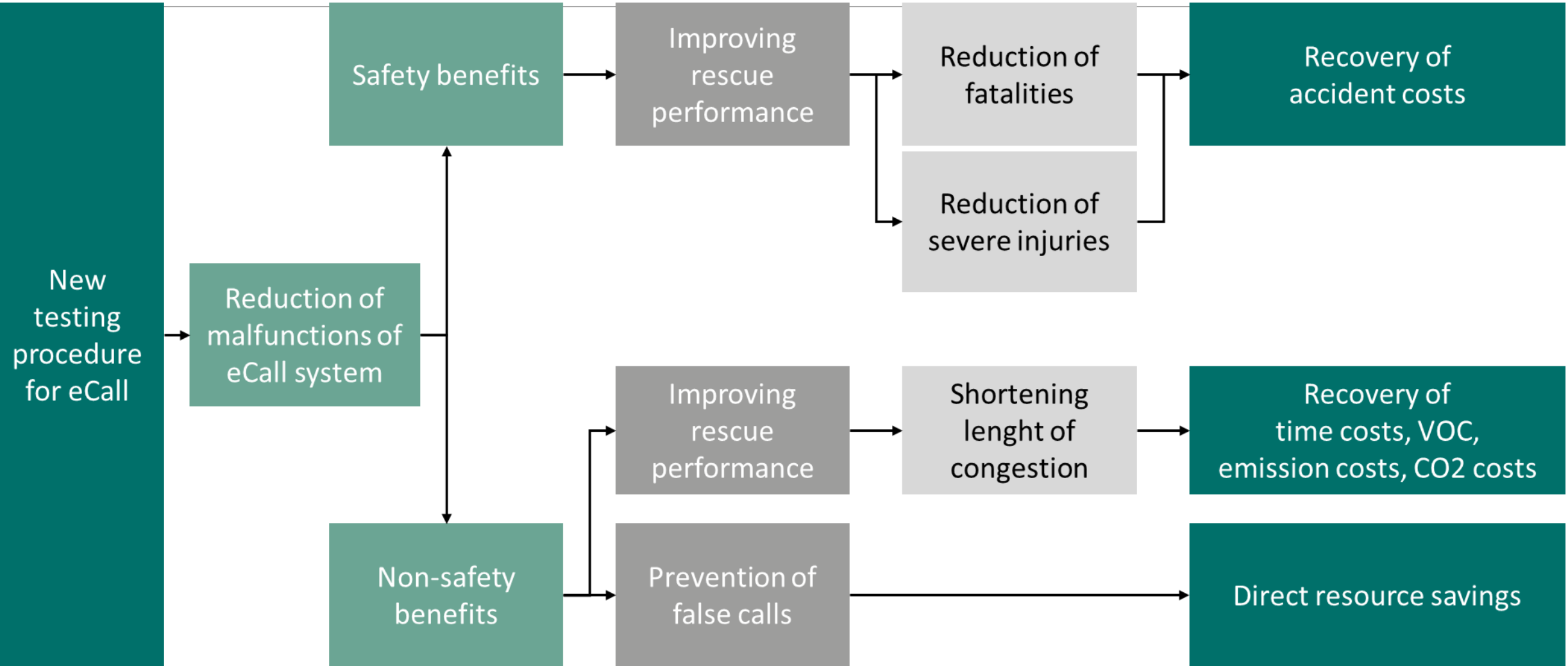
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- eCall as safety system is substantial part of EU Road Worthiness Package 2020
- CBA is required for extension of directive 2014/45/EU (article 18)
- Task Force eCall EeIP meeting (November 11th, 2014): commitment to carry out a CBA as independent reliable measure

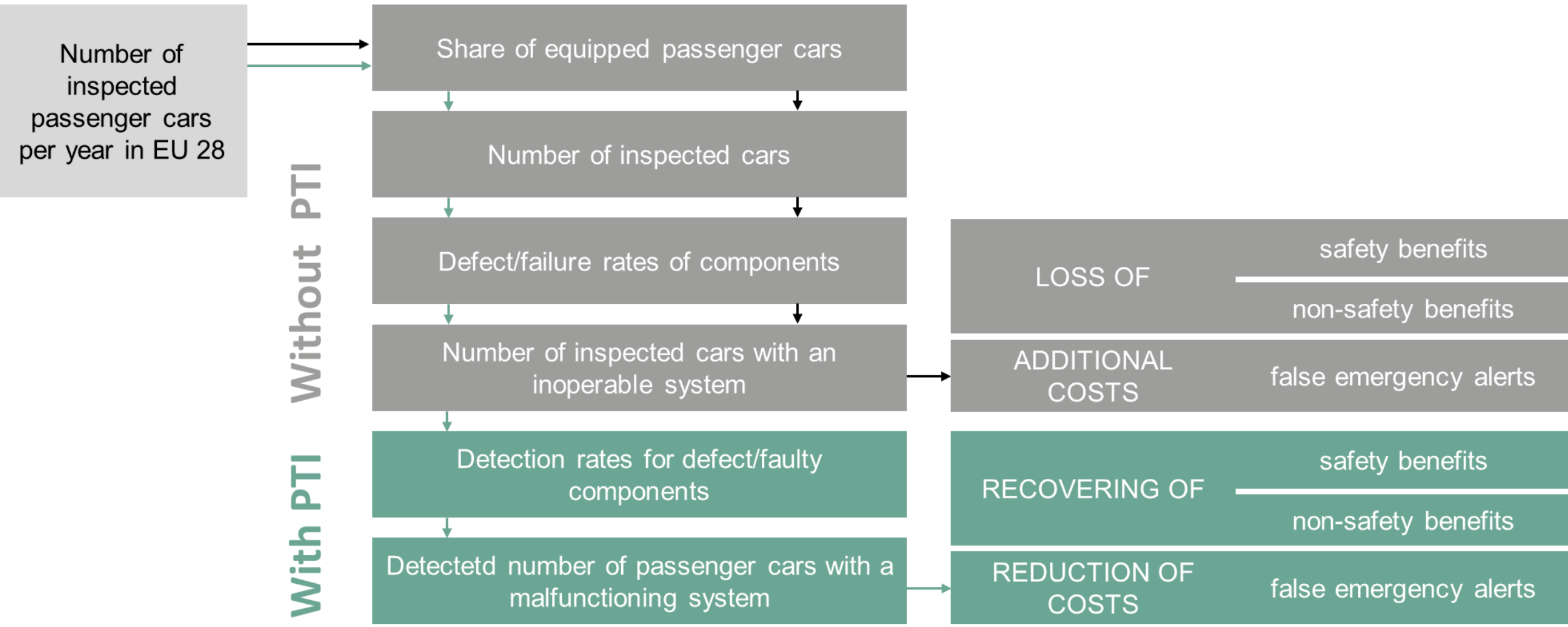
# General steps of CBA-approach



# Impact Channels – relevant for the CBA



# Calculation process for each inspection scenario



# Testing Scenarios

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Scenario 1: Testing via warning and indicator lamp

Scenario 2: Testing via electric vehicle interfaces

Scenario 3. Testing via electric vehicle interface

Scenario 4: Testing via call