SPLIT SESSION E
The Role of Authorities in Roadworthiness

CITA INTERNATIONAL CONFERENCE & 19TH GENERAL ASSEMBLY
FROM PERIODIC INSPECTION TO WHOLE LIFE COMPLIANCE
SEOUL 2 - 4 April 2019
The role of authorities in roadworthiness

3 April 2019 | Yongdal Kim

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Introduction of Panellist

Session Topic : The role of authorities in roadworthiness

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<th>Panel</th>
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<td>Patrik Andersson</td>
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<td>Hens Peeters-Weem</td>
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<td>Vitaly Komarov</td>
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<td>Ismael Herrera</td>
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KOTSA Stations

Front view of lane

Headlight inspection

Emission test using dynamo

Speedmeter / Brake force test
Prevent Potential Fraud

- Method -

▶ Undercover Test    ▶ Audit with Supervisor    ▶ Double and Re-inspection
▶ Data Monitoring    ▶ Document Check

▲ Sample of Re-inspection
We need new PTI schemes for EV or Future Vehicle (Autonomous etc.)
KVIC Establishement

▲ KVIC : Korea Advanced Vehicle Inspection R&D Center
The Result of Inspection

- The Purpose for Publication -

- Rational selection for purchasing a new or used car to customers
- Supervision or follow-up management in the car in use concerning performance to carmakers
- Catching the significant points of specific model at a glance in order to making a decision in traffic safety policies and so on
### Social Benefit by PTI in KOREA(2017)

#### Safety

<table>
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<tr>
<th>Action</th>
<th>Benefit</th>
<th>Environment</th>
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<tr>
<td>Prevent Traffic Accidents</td>
<td>7,351 (number of cases)</td>
<td>Reduction of CO</td>
</tr>
<tr>
<td>Prevent Deaths from Traffic Accidents</td>
<td>143 (number of persons)</td>
<td>Reduction of HC / NOx</td>
</tr>
<tr>
<td>Prevent Injured from Traffic Accidents</td>
<td>11,038 (number of persons)</td>
<td>Reduction of PM</td>
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* Social Benefit of Prevent Accidents : $ 419 million

* Social Benefit of Improvement Environment : $ 1 billion
Thank you for your attention!