

QUESTIONS / SEMINARS / VIDEOS / PRACTICE STUDIES / SURVEYS / REPORTS / KNOWLEDGE / LOGGATION / KIN

ANNUAL REPORT 2017

REPORTS / PARTIALITY / MEETINGS / REPORT-OF-E
AWARDS / RENESS / QUAL-
TIONS / QUESTIONS-
ICES / SEMINARS
PERFECT MANAGERS
BEST PRACTICES

2

01

FOREWORD

04 - 05

02

HIGHLIGHT

06 - 17

03

EVENTS

18 - 25

WHAT'S INSIDE

04

PROJECTS

26 - 31

05

WHO IS CITTA?

32 - 39

06

NEXT STEPS

40 - 43



Dear CITA Members, dear Stakeholders,

It is a privilege for me to address you for the first time as President of CITA in an annual report, thanks to the support of our Members.

The General Assembly and Conference in Zagreb, Croatia, was the most relevant activity of last year, and I would like to express once again my gratitude and acknowledgment for the great effort that the CVH, our host, has made to ensure its success.

In Zagreb, we have received the endorsement of the General Assembly further develop and implement the new strategy drafted some years ago, which makes the concept of vehicles' continuous compliance more visible to stakeholders and allows us to play the right role in the scene of sustainable road transport.

Challenges are important and we can summarize them in three main concepts: 1) to position vehicle whole-life compliance in its right place among the necessary policies and undertakings aiming for more sustainable transportation, 2) to facilitate the definition of effective vehicle inspection schemes in low- and middle-income countries, which have huge needs of improving road safety and air quality and 3) to guarantee access to new technologies installed in vehicles that is essential for impartial roadworthiness.

Last year, CITA and its members made big efforts in developing projects and studies whose results will be presented in 2018: SET II, aiming to define how to control NOx emissions during vehicles' life, the analysis of the impact of the vehicle inspection programme in Turkey, the assessment of the vehicle inspection scheme in Togo, in collaboration with the World Bank and the EU-funded SaferAfrica project.

From a more institutional point of view, at the end of the year CITA signed the collaboration agreement with the Global Road Safety Facility – GRSF of the World Bank that sets a partnership framework to improve road safety in low- and middle-income countries. We also participated in the 70th anniversary of the UN Inland Transport Committee that hosts the WP.29 as a world forum for vehicle standards.

The involvement of members has also been crucial for many of the CITA activities, from the working group meetings to the regional gatherings in Asia / Australasia and Africa, hosted by the Vietnam Register and SGS respectively.

On behalf of the Bureau Permanent of CITA and myself, I would like to recognize the engagement of all our Members to make possible that all this happens.

Looking forward to continuing to work together for safer roads and cleaner and more sustainable transportation.



**Juan Diego
RODRÍGUEZ**
President

IIIc2

QUESTIONS / SEMINARS / WORK-
SHEETS / PRACTICE STUDIES /
SURVEYS / REPORTS / KNOW-
LEDGE / INVESTIGATION / KNOW-
LEDGE

HIGHLIGHT

QUESTIONS / SEMINARS / WORK-
SHEETS / PRACTICE STUDIES /
SURVEYS / REPORTS / KNOW-
LEDGE / INVESTIGATION / KNOW-
LEDGE

70TH ANNIVERSARY SESSION OF THE UNECE-ITC

Invited by the UNECE, a CITA delegation, composed of its Executive Director Mr. E. Fernández and its Communication Manager Mr. D. D'Onofrio, has been part of the seventy-ninth annual session of the UNECE-ITC, organized in Geneva from 20 to 24 February 2017.

CITA actively participated in the event.

On February 21, with the purpose of honoring not only the anniversary, but also the accomplishments of the Committee over seven decades, was held the meeting of Ministers of Transport dedicated to the "Past and Future of the UNECE Inland Transport Committee".

This theme has created a space for reflection on the Committee's past achievements, current performance and future trajectory, highlighting its evolution and underlining its future potential missions at a time of profound global changes, challenges and opportunities.

During the break, Ministers were invited for a

tour of the exhibition about the history of the Inland Transport Committee in the Salle des Pas Perdus of the Palais des Nations, where CITA could show its recent activities and projects. The exhibition lasted throughout the week.

Then Ministers and all delegates took part in the poster signing ceremony about "The Future Inland Transport we want"!

Also, CITA signed this poster, which included a list of conditions for achieving important cross-cutting objectives.

Among the high-level events organized during the week were also the following: the Global Road Safety Film Festival and its award ceremony; a joint UNECE/ITC-UNEP Conference on "Ensuring Better Air Quality and Reduced Climate Emissions through Cleaner Used Vehicles"; the "High Level conference on Inland Water Transport"; a UNECE-IsDB (Islamic Development Bank) joint workshop on United Nations Inland Transport Conventions.



ROAD SAFETY WORKSHOP FOR LATIN AMERICA

Strengthening road safety governance and best practices to achieve the Sustainable Development Goals” was the theme of the regional road safety workshop organized by the United Nations Secretary General’s Special Envoy for Road Safety, Argentinian Road Safety National Agency, United Nations Economic Commission for Latin America and the Caribbean (ECLAC), United Nations Economic Commission for Europe (UNECE) and Inter-American Development Bank (IDB).

Besides CITA, represented by Mr Horacio Marcucci - Vice President Applus Argentina, more than 150 participants from 17 Latin American countries, including Government (national and local) officials, representatives of the private sector, and civil society, attended the event.

The workshop combined presentations from international and Latin-American experts with plenary discussions and working groups organized in thematic areas focused on Safer Vehicles, Safer Roads and Mobility and Road Safety Governance.

This work has led to several results and proposals, addressed to national and provincial authorities in charge of developing and maintaining federal, provincial (state) and municipal road safety policies in Latin America.

Participants expressed a great concern with the relatively slow implementation of the Decade of Action for Road Safety in Latin America, emphasizing the need to improve road safety, a particularly difficult challenge in countries with a federal structure.

The level of resources devoted to road safety at the worldwide continues to falter in comparison with other global scourges.

The UN Secretary-General’s Special Envoy for Road Safety made introductory comments on a proposal being prepared by UNECE, in collaboration with the Special Envoy and in consultation with other UN Regional Commissions and the WHO, for a potential UN Global Road Safety Fund.



THE TREATY OF ROME vs AUTOMOTIVE DIGITAL AGE



The Treaty of Rome, signed 60 years ago, marked the beginning of what has become the European Union. Since then, we have seen radical paradigm shifts in human, industrial and societal behaviour and increased digitalization of processes. 60 years ago, the cars that drove Paul-Henri Spaak and the other signatories to the Palazzo dei Conservatori in Rome were nothing like today's cars.

Now, the 'connected car' is becoming part of our daily connected mobility.

Our sectors face groundbreaking changes, which require a robust regulatory framework for 'fair digitalization chances'. The digitalization of the EU industry is imminent, and we hope that the EU decision-makers will make it beneficial to all, especially SMEs. They are the backbone of the EU economy and, mostly rooted locally, can provide tailor-made services to consumers.

As a broad industry coalition, we stand united in our conviction that competition, innovation, independent entrepreneurship and consumers interests are the fundamental pillars of today's and tomorrow's European Union. In the automotive sector, competition in the digital age starts in the vehicle where the qua-

lity and accessibility of in-vehicle generated data determines the level of service that can be offered to and chosen by the consumer.

However, the current design of closed telematics vehicle systems controls the flow of data to and from the vehicle and seriously limits competition and innovation on all services and products "around the car". In the highly competitive markets for vehicle sales, servicing and repair, insurance, leasing and rentals, mandated periodic inspection, spare parts and diagnostic test tools, 'free flow of data' and interoperability are key. Only these enable true freedom of choice in digital services and empower vehicle owners the right to decide with whom they share their data and for what purposes.

Our coalition calls upon the European Institutions to breathe life into the digital transformation, by creating a robust regulatory framework for an interoperable, standardized, secure and safe digital in-vehicle telematics platform. Building the EU of the 21st century starts by holding on to the fundamental principles of fair competition, innovation and entrepreneurship, and freedom of consumer choice. Although in a different shape, these principles should stand as strong as they have been for the past 60 years.

CAR EXHAUST: THE REMOTE SENSING

Experts debated in the European Parliament the possibilities of using remote sensing technologies to tackle emissions coming from road vehicles.

To discuss the matter, Gerhard Müller, CITA Vice-President Technical Affairs, attended the event “Car Exhaust: The Potential of Remote Sensing” at the European Parliament on the 28 September, 2017, organized by the Greens – S&D – ECR and EPP groups. Pascal Buekenhoudt representing GOCA, and OPUS inspection – CITA Member, also participated in the discussion.

Remote sensing shows potential as screening technology to detect those models of vehicles with abnormal pollutant emissions, and opens the door for a cost effective market surveillance tool that supplements other enforcement activities.



KNOWLEDGE & TRAINING FORUM ON TRANSPORT



On 9 March 2017, CITA participated in the “2017 Knowledge and Training Forum on Transport”, a workshop organized by the World Bank and the Global Road Safety Facility (GRSF).

GRSF has played a critical role in mainstreaming road safety into World Bank operations, building on the scaling up of World Bank loans for road safety in its projects. Last year, GRSF invested \$3.75 million in its global road safety portfolio, which contributed to an additional \$411 million in road safety lending activities via World Bank financed operations.

During the event Mr. Kanvaly Bamba, Managing director of the CITA member CCVA in Burkina Faso, explained and shared with participants the experience of vehicle inspection in his country. Mr. Fernández, CITA Executive Director, completed the presentation with an overview of vehicle inspections and the challenges for low and middle-income countries.

THE IRF WORLD ROAD MEETING

For the last 60 years, the IRF has been organizing the World Road Meeting (WRM) every 4 years in different cities around the world. The 18th World Road Meeting was held in Delhi, India, from 14-17 November, 2017. The theme of this event was Safe Roads and Smart Mobility: The Engines of Economic Growth.

Spanning four days, the Conference provided an outlet for sharing cutting-edge research, best practices, and experiences, from across the world and is intended to be a premier knowledge event for discussing important issues facing the road, transport and mobility sectors.

The aims were to identify and discuss challenges that are faced in providing safe sustainable & smart road transport and mobility, affordable pricing, the legal, policy and regulatory issues, new concepts-technologies, and the possibilities offered by 'big data' to reshape the road transport & mobility system to face future challenges.

The WRM offered plenary sessions with high level keynote addresses, expert parallel sessions on ten thematic topics, and sessions on latest future trends.

An exhibition platform, which ran concurrently with the conference, has showcased the latest products and services for construction, maintenance and operation of sustainable and safe roads as well as automobiles demonstrating their safety features for safe mobility.

Mr. Hans-Jürgen Schimpgen, Vice President Applus+, represented CITA at the event.

He took part in a Special Session of the WRM led by World Bank on 16 November. This session goal was to highlight major international road safety issues and barriers to implementation, and offer solutions; highlight World Bank road safety projects (global and regional); and discuss road safety in India and the South Asia region more broadly.



FASER 2017: AFRICAN FORUM ON ROAD SAFETY



Aware of the dramatic impact of road accidents on health, society and the economy, CITA collaborates with Conseil International – Santé (ICI-Santé) in the technical organization of the third African Forum on Road Safety (FASeR), held from 26 to 28 October 2017 in Ouagadougou, Burkina Faso, with the involvement of Mr. Bamba Kanvaly the newly appointed CITA Deputy RAG Africa Chairperson.

Hundreds of road safety experts and actors from 12 African countries, but also from Europe, have worked on political leadership and sharing of experiences to reduce road mortality on the continent.

Participating at the 3rd edition of the African Forum for Road Safety, the experts have thought about the issues of road safety in sub-Saharan Africa, mechanisms for financing the fight against road insecurity, and modes of governance to fill the lack of data

by setting up data collection systems.

It is also a question of sharing the experiences of interventions implemented in African countries. One of the objectives of FASeR was to encourage technical and financial partners and regional institutions to invest heavily in road safety.

These investments include quality equipment, road infrastructure and the adoption of good behavior by road users. The participants unanimously appreciated the quality of the link created between researchers, scientists and implementers of programs in the field.

Once again, the event reminded us of the need to work in synergy to determine the realistic actions to be taken and to take the necessary measures to reduce accidental death and morbidity in Africa. The appointment is in three years to evaluate the commitments made during FASeR 2017.

III

not

QUESTIONS / SEMINARS / WORK-
SHEETS / PRACTICE STUDIES
SURVEYS / REPORTS / KNOW-
LEDGE TESTING / EVALUATION

CITA EVENTS

WORKSHOPS / PARTICIPATION-
AWARENESS / QUESTION-
ING / SEMINARS / PROJECT
MANAGEMENT / BEST PRACTICES

CITA INTERNATIONAL CONFERENCE & GENERAL ASSEMBLY

Last 6 June 2017 marked our biannual international meeting and, after the success of the last edition in Dubai, we were very proud to be able to host it in Zagreb.

It has been a great pleasure for us to receive you all from all over the world, who have come here to share experiences and work together for a few days on vehicle inspection and its applications.

We would like to express our gratitude to CVH and its staff: you have been the key for the success of the event!

This edition's theme was "Partnering to Improve Road Safety and the Environment" and the program aimed to highlight the role of whole-life vehicles' roadworthiness in comprehensive road safety and transport environmental protection strategies.

In addition to the plenary sessions, together with high-level representatives of the most relevant stakeholders, participants were able to attend seven separate sessions covering topics such as the relationship between requirements for new and in-use vehicles, the development of new roadworthiness sche-

mes or the role of authorities in vehicle compliance.

Thanks to members' commitment, we increase the number of working groups from 6 two years ago to 11 now. In addition, we presented and approved 4 new CITA recommendations at the General Assembly.

Last, but not least, we renewed the Bureau Permanent during the General Assembly. Now our board is composed by a new President, Mr. Juan D. Rodríguez; three Vice-Presidents: Mrs. Eva Morger - Secretary General, Mr. Lothar Geilen - Treasurer and Mr. Gerhard Müller - Technical Affairs; and five more members: Mr. Pascal Buekenhoudt, Mr. Thomas Klukas, Mrs. Ferose Oaten, Mr. Aitor Retes and Mr. Mike Walsh.

Sponsors of the conference:

VLT - *Diamond sponsor*

MAHA - *Gold sponsor*

ACTIA - *Gold sponsor*

COSBER - *Gold sponsor*

Other sponsors: VTEQ, RYME, CAPELEC, BM Autoteknik, BOSCH, VdTÜV and DEKRA.



CITA International Motor Vehicle Inspection Committee

CONFERENCE & 18th GENERAL ASSEMBLY

Partnering to Improve Road Safety and Environment

6 - 7 - 8 JUNE 2017 | ZAGREB, CROATIA • HOSTED BY: **CVH**

THE 5TH CITA RAG AFRICA MEETING



More than 50 people gathered in Kampala, Uganda, last 20-21 November 2017 to exchange information on developments in PTI in Africa, and listen to the offerings of service providers of equipment and IT systems.

The event was hosted by SGS and attendees had the chance to visit one of their PTI centres in the country.

There were several presentations, including the following:

- 1) An opening address by the Minister of State for Works and Transport, the Hon. Gen Kattumba Wamala spoke very positively of the importance of road safety initiatives and vehicle safety in Uganda, and officially opened the meeting with good wishes for its success;
- 2) Presentation by the RAG Africa Chairperson, Ferose Oaten on current activities in Africa;
- 3) An address by the Secretary, National Road Safety Council of Uganda, Mr Ronald Amanyire, from the Ministry of Works and Transport in Uganda;
- 4) Mr Christophe Dubois, Country Manager for SGS Uganda, presented a paper on Vehicle Inspection in Uganda;
- 5) Greetings per Video link by Mr François E. Guichard, UN Secretary Vehicle Active Safety – Focal Point ITS / AD, United Nations Econo-

mic Commission for Europe;

6) Handicap International Uganda Country Manager, Mr Ryan Duly presented a Broad View on Road Safety from the point of view of the handicapped persons;

7) Mr Kanvaly Bamba, the Executive Director of CCVA in Burkina Faso, and also the Deputy RAG Chairperson for Africa presented on the Inspection of Motorcycles;

8) Mr George Wang, Senior Sales Manager of Cosber presented on the topic “New regulation of Vehicle Inspection in China”;

9) Automotive Inspection Safety Systems was the topic of Mr Abdellah Kessaci, International Consultant to the PTI Industry and Garage Equipment, ICA;

10) Mr Stéphane Harang from ICA presented on Mobile Inspection Sites;

11) The Aftermarket Division Director of Actia Automotive, Mr David Vayssie, presented on Integrated Solutions for Vehicle Inspections;

12) Mr Bernd Reinert, the Area Sales Manager International, Maha, presented on a Countrywide and Anti-Fraud Software Solution;

13) Mr Eduard Fernández, CITA Executive Director, provided an overview of CITA activities in Africa.

THE 11TH CITA RAG ASIA/AUSTRALASIA MEETING

The 11th CITA Regional Advisory Group Asia/Australasia (RAG AA) Meeting was held in 27-28 November 2017, at the Grand Mercure Danang Hotel in Da Nang city - Viet Nam, under the host of Vietnam Register (VR).

With the main topic “improvement of management tools for vehicles’ inspection system in developing countries”, it was chaired by Mr. Nguyen Huu Tri - RAG AA Chairman and Deputy General Director of Vietnam Register.

The Meeting was attended by 65 delegates from Belgium, China, France, Germany, Japan, Korea, Malaysia, New Zealand, Singapore and Vietnam.

All meeting participants were invited to visit the Truong Hai Auto Complex on 28 November.

Truong Hai Automotive Corporation (THACO) was known as the biggest and unique company in Vietnam that fully produces and assembles 3 kinds of vehicles: Trucks, buses and passenger cars. Truong Hai Auto complex which located at Chu Lai Open Economic Zone, Quang Nam Province, is the production center of Thaco.

The meeting was officially opened by Mr. Nguyen Huu Tri, Deputy General Director of Vietnam Register who warmly welcomed all delegates.

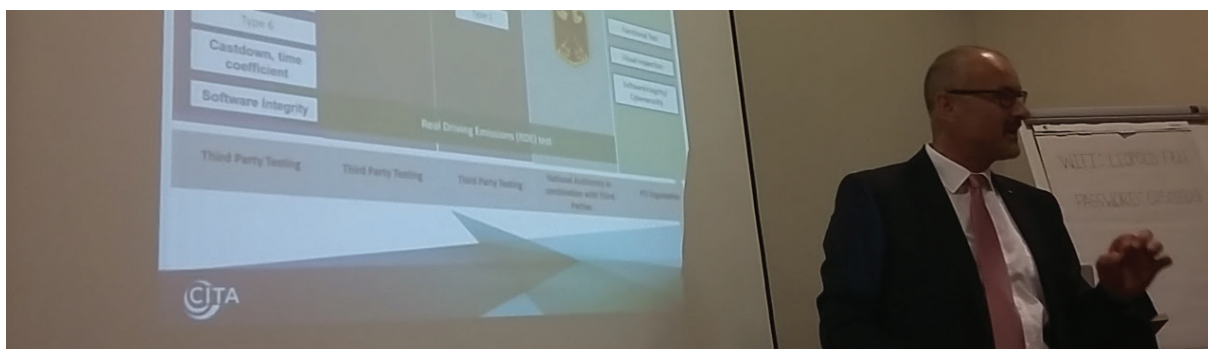
Following, Mr. Mike Walsh, member of the Bureau Permanent of CITA, delivered Key Note Speech.

Papers presented:

1. CITA Activities - Mr. Daniele D’Onofrio, CITA Communication Manager;
2. Korean Vehicle Inspection Schemes and Economic Analysis - Mr. Jungsoo Park, Korea Transportation Safety Authority - Korea;
3. Market & Order - Brief Introduction on Supervision and Control of Chinese Vehicle Mandatory Inspection Industry - Mr. Zhi Wei Sun Shenzhen Anche, China;
4. Vehicle Inspection System in Viet Nam - Mr. Lai Thai Phong, Vietnam Register - Viet Nam;
5. Reducing Global Belching Emission Menace - Mr. Ron Tan, PRC Global Pte. Ltd - Singapore;
6. Smart Vehicle Inspection Systems - MAHA - Mr. Christian Vollmar, MAHA Germany;
7. New Chinese Regulation for Electrical Vehicle Inspection - Mr. Ken Jian Wang, Cosber - China;
8. Current status and future direction of vehicle inspection (Japan) - Mr. Takayuki Tomioka, National Agency for Automobile and Land Transport - Japan;
9. Technologies for PTI matching the boom of new technology of headlight - Mr. Georges Petelet;
10. Case study of Under Load Mode Emission Test in China - Mr. Max Storz, Cosber - China.



EXPERTS WORKSHOP ON TYPE APPROVAL



Organized in Brussels by CITA last 20 June 2017, an expert workshop was held to discuss the proposal for a Regulation on Type Approval and Market Surveillance.

The event was attended by representatives from Malta (Presidency of the Council of the UE until June 2017), Estonia (the new EU Council Presidency from July), Spain, Luxembourg, Finland, the Czech Republic, Latvia and Spain.

The workshop, led and introduced by Mr. G. Müller, CITA Vice-President Technical Affairs and Chair of the CITA Type Approval Expert Group, began with presentations from three main speakers:

Mr M. Hron – Business Unit Manager/Certification & Regulatory Compliance at TÜV SÜD Czech s.r.o;

Mr I. Lafuente – Homologation Manager at IDIADA;

Mr P. Puls – CTO / Head of Technical Service at TÜV SÜD Auto Service GmbH.

Mr Hron presented the new Real Driving Emission (RDE) procedure to the audience and updated them on the latest developments.

Verification of the vehicle emission test results by the laboratory under real driving conditions significantly improves the real behaviour of emissions.

He explained the purpose of RDE, related legislation, test procedures and remarks on practical measurements.

Market Surveillance in automotive regulation and the role of independent technical services was Mr. Lafuente's theme.

Lastly, Mr Puls spoke of the need for significant access to software for independent technical services and PTI organizations to perform proper type approval tests as well as PTI.

At the end, an extensive Q&A session allowed participants to discuss the proposed topics.

INFORMAL WORKING GROUP (IWG) ON PTI

On 24 October 2017 in Brussels, hosted by CITA at its new premises in rue du Commerce 123, the IWG welcomed a panel of experts to reassess the 1997 Vienna Agreement on Periodic Technical Inspection.

The meeting focused in particular on the review of proposals to include new rules on gas vehicles and hybrid and electric cars; analysis of the consistency between the regulations annexed to the 1958 Geneva Agreement and the rules of the 1997 Vienna Agreement.; development of further points of view and exchange of views and information on the national legal system for PTI.

During the meeting, explicit emphasis was placed on car tampering. Especially the group have debated on the detection of manipulations of engine emission level and technical strategies for countering emission manipulations.

Next IWG meeting will be held on November 16th, in the frame of the 173rd WP.29. in Geneva, Switzerland.



CITA IN THE GRSF OF THE WORLD BANK



Global Road Safety Facility

Road deaths are unacceptably high at 1.25 million deaths per year, representing the only injury among the top ten causes of death worldwide and the world's leading cause of death among young people.

The Global Road Safety Facility (GRSF), as the World Bank's most experienced development fund for road safety, provides donor funding to catalyse action to save lives and achieve sustainable results.

The GRSF is a partnership & funding platform that supports the global road safety agenda by implementing road safety reforms, including through technical assistance, knowledge products and a global leverage effect on road safety infrastructure financing.

Launched in 2006, it initiated and carried out a wide range of road safety projects in more than 35 developing countries in all regions of the world.

Its program has three main objectives:

1. Investing in Building Safety Management - focusing its efforts on implementing its Road

Safety Management Capacity Review which lays out a comprehensive organizational and investment strategy for road safety;

2. Interventions for Safer Outcomes - investing to help countries establish vehicle inspection stations to provide stronger occupant protection through regulations;

3. Research for Results - working to uncover the economic costs of road safety in order to inform decision-making.

This strategic plan for 2013-2020 reaffirms the GRSF's mission and sets out how it will contribute to the decade of action, leveraging the global expertise of the World Bank, and working in close collaboration with donors and partners.

CITA is honoured to be part of this group of experts and to contribute to findings that can improve road safety worldwide, with an emphasis on accelerating and reinforcing the capacity of low and middle-income countries to implement affordable road safety programmes.

IIIOT

QUESTIONS / SEMINARS / WORK-
SHEETS / PRACTICE STUDIES
SURVEYS / REPORTS / KNOW-
LEDGE / INVESTIGATION / EVALUATION

CITA PROJECTS

WORKSHEETS / PARTIALITY
AWARENESS / QUALITY
IMPROVEMENT / SEMINARS
PROJECTS / PRACTICE
EVALUATION / INVESTIGATION

SAFERAFRICA

In 2017 we remain committed to the Safer Africa project.

This project is funded by the European Commission and brings together 16 partners led by Università La Sapienza in Rome, Italy. The objective of this 3-year long project is to define and establish appropriate road safety communication platforms between Africa and Europe.

The project partners represent some of the top leading road safety institutes in Europe, like VIAS / IBSR / BIVV, member of CITA, NTUA in Greece, IFSTTAR in France, Loughborough University in the United Kingdom, LNEC in Portugal or SWOV in The Netherlands.

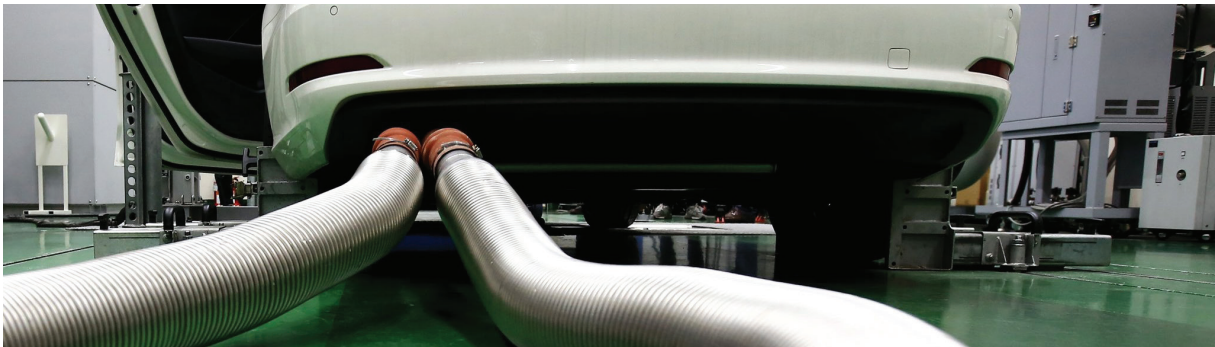
African countries are represented by ENSTP in Cameroon, ICI-Santé in Burkina Faso and OCAL - The Abidjan-Lagos Corridor Organization. Other organizations are Handicap International and the International Road Federation.

In 2017, the activity focused on the recovery and initial analysis of information regarding different road safety practices in different African countries, according to the 5 pillars defined in the UN's Global Plan for the Decade of Action for Road Safety 2011-2020. CITA is mainly in charge of the 3rd pillar: safer vehicles.

More information is available on the project website: saferafrika.eu



PRELIMINARY RESULTS OF THE SET II PROJECT



SET II (Sustainable Emission Test) is a project to develop new methods for periodical emission tests of diesel vehicles ($M1/N1 < 3,5$ to) to measure NOx.

After an international review of the procedures, instruments and research, the most applicable test methods (loaded and unloaded) were identified.

Further investigations with laboratory tests lead to a set of test procedures which have been subject to a number over 800 field tests in 6 countries.

Currently the first preliminary findings from the laboratory and the field tests are available:

The loaded test method ASM 2050 showed a significant failure indication already at slight load (200N) and low speed (20km/h).

The overall measured NOx emission values are very inhomogeneous (between 0 and 600 ppm). A short test ride (50m – 100m) also appears quite promising, but further investigations are required.

The unloaded test methods (AVL, Capelec, Spheretech/Bosch) showed a poor failure indication and focus on EGR functionality. Free acceleration tests are often not possible because of the limitation of the cut off speed.

In general, the temperature of the environment and post-treatment systems have a significant impact on NOx concentration. The loaded tests are, as expected, more expensive in terms of time and equipment than the unloaded tests.

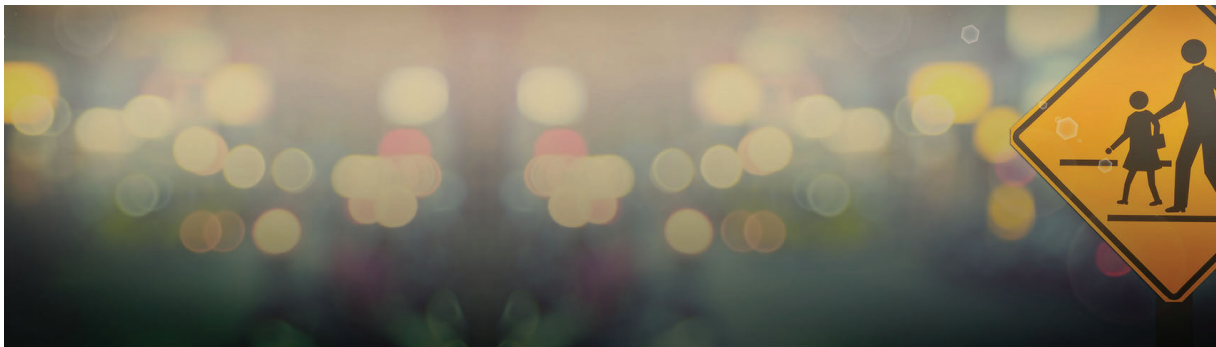
The final report will be available in the beginning of 2018.

THE VALUE OF INSPECTION

Since 2016, CITA has been working with the Turkish authorities to develop a report to assess and retrieve figures on the impact of the vehicle inspection scheme in the period between 2008 - 2015. Professor Schultz of IERC evaluated the report.

This is a very unique opportunity to obtain figures on the reduction of fatalities, injuries and accidents since the effective implementation of the programme allows a clear comparison between the situation before and after PTI, isolating its effect from other road safety initiatives undertaken by the Turkish Government during the same study period.

The study is completed by an analysis of the economic impact of the improvement of road safety. The precise findings will be released in the 1st quarter of 2018. In the meantime, it is clear to conclude that the case of Turkey is an excellent showroom on how to define and implement vehicle inspection schemes and demonstrates, from a numerical point of view, the improvement of road safety.



ASSESSMENT OF VEHICLE INSPECTION SYSTEMS



In September, CITA and the World Bank launched the joint project AVIS – Assessment of Vehicle Inspection Systems - in Togo. This is the 1st country to be assessed in a series of three; by 2018, two more Sub-Saharan vehicle inspection systems will be evaluated.

For the first time, the World Bank and CITA are working together, highlighting of in-use compliance to improve road safety and a cleaner fleet of vehicles. The study was developed by two independent experts who interviewed the most relevant stakeholders: local authorities involved in transport, infrastructure and environment, fleet managers, the customs agency, the metrology department, car dealers, etc. Furthermore, it was possible to appraise the facilities currently in use.

The new CITA Recommendation “Port-of-Entry Inspections” and the White Paper “Introduction of Periodic Technical Inspections” have been paramount reference documents, showing once more the value of the knowledge and experience of CITA Members.

IIILO

QUESTIONS / SEMINARS / WORK-
SHEETS / PROJECT MANAGEMENT
PRACTICE STUDIES
SURVEYS / COM-
MUNICATIONS / REPORTS / KNOW-
LEDGE TESTING / KINVA

WHO IS CITA?

LEARNERS / SIMILAR PARTIALITY
MEETINGS / PORT-OF-E
FORWARDNESS / QUAL-
ITY / QUESTIONS /
PROJECTS / SEMINARS
BEST PRACTICE /
INDEX



IMPARTIALITY

FOSTERING OPEN DISCUSSION
RELATED TO SYSTEMS SOLUTIONS
AND UNBIASED METHODS



ENGAGEMENT

BY ALL MEMBERS IN CITA'S ACTIVITIES
AND INITIATIVES



KNOWLEDGE

SHARING TO IDENTIFY, SEEK OUT AND
DISSEMINATE EXPERTISE



BEST PRACTICE

SUPPORTING APPROPRIATE
RECOMMENDATIONS
AND TAKING INTO ACCOUNT THE
LOCAL SOCIO-ECONOMIC REALITY



AWARENESS

PROMOTING THE EXPERTISE OF
OUR MEMBERS TO THE OUTSIDE WORLD
AND OFFERING A PLATFORM
TO EXCHANGE AND BUILD KNOW-HOW

MISSION & VISION

We are the world's automotive inspection organization, with members from more than 50 countries and both the public and private side of the industry. We play an influential role in the development and implementation of policies for safe and sustainable road use.

Sustainable road transport has an outstanding impact on our lives and is part of an even wider approach. Vehicle inspection or, in a wider concept, vehicle continuous compliance, is an integral part of a comprehensive approach to road transport sustainability.

In order to be able to continue to fulfil our commitments, we look to the future based on five pillar values that are inextricably linked.

Our values are:

Impartiality in the assessment of roadworthiness;

Engagement of members in CITA's activities and commitment of the whole CITA family to road safety and the environment;

The **knowledge** accumulated by the members through their activities in all kinds of contexts all around the world and over many years;

That knowledge is encapsulated in **best practice** documents and, all together, should be used to raise **awareness** of vehicle roadworthiness for transport sustainability.

And all of these values support CITA's vision and mission to become the forum for ensuring vehicle safety and compliance throughout their lifecycle.

BUREAU PERMANENT MEMBERS



**Juan Diego
RODRÍGUEZ**
President



**Eva
MORGER**
Vice President
Secretary General



**Lothar
GEILEN**
Vice President
Treasurer



**Gerhard
MÜLLER**
Vice President
Technical Affairs



**Pascal
BUEKENHOUDT**
Bureau Permanent



**Thomas
KLUKAS**
Bureau Permanent



**Ferose
OATEN**
Bureau Permanent
Chairperson RAG Africa



**Aitor
RETES**
Bureau Permanent



**Mike
WALSH**
Bureau Permanent

REGIONAL ADVISORY
GROUP CHAIRPERSONS

**Tri
NGUYEN HUU**
Chairperson
RAG Asia/Australasia



**Peter
MARROCCO**
Chairperson
RAG North America



**Jorge
MORENO**
Chairperson
RAG Central & South
America



**Gerd
NEUMANN**
Chairperson
RAG Europe

SECRETARIAT

Eduard **FERNÁNDEZ** / Executive Director
Rūta **TAMOŠIŪNAITĖ** / Office Manager
Daniele **D'ONOFRIO** / Communication Manager

- in alphabetical order

Kanvaly BAMBA / Deputy Chairperson for the CITA RAG Africa

Eric BRAND / Technical Expert on Noise

Henk BUSSINK / Technical Expert on Upgraded Harmonised Standards

Emre BÜYÜKKALFA / Technical Expert on Quality
/ Chairperson of the Ad-Hoc Working Group “Anti-Fraud Measure”

Macarena FERNÁNDEZ / Technical Expert on Quality

Tomas GERAGHTY / Technical Expert on Training

Viktor KRETZSCHMANN / Deputy Policy Expert on Standardized Inspection Outcomes

Frank LEIMBACH / Policy Expert - Topic Area Safety Systems

Hans-Jürgen MÄURER / Deputy Policy Expert on Environmental Protection Systems
/ Technical Expert on Exhaust Emissions

Antonio MULTARI / Technical Expert on Exhaust Emissions

Aidan NAUGHTON / Technical Expert on Information Systems

Christoph NOLTE / Deputy Chairperson of Regional Advisory Group Europe “RAG E”

Hannu PELLIKKA / Technical Expert on PTI Regimes

Celestino PÉREZ / Technical Expert on PTI Regimes

George PETELET / Technical Expert on CO₂ Emissions

Laszlo RONAY / Technical Expert on Roadside Inspection Regimes

Marian RYBIANSKY / Technical Expert on Mechanical Systems

Víctor SALVACHÚA / CITA Policy expert of the Topic Area 5 – Information Technologies
/ Technical Expert on Roadside Inspection Regimes

Piet SCHÄFER / Technical Expert on Electronic Controlled Systems

Helge SCHMIDT / Technical Expert on CO₂ Emissions

Ralph Frank SCHRÖDER / Technical Expert on Electronic Controlled Systems

André SKUPIN / Technical Expert on Other Roadworthiness Regimes

Mark SYNNOTT / Technical Expert on Information Systems

Stefan TELLER / Policy Expert - Topic Area Continuous Compliance

Bert TOP / Technical Expert on Training

Jörg VAN CALKER / Technical Expert on Information Systems

Andrzej WIERZEJSKI / Technical Expert on Noise

CORPORATE MEMBERS

EQUIPMENT & SERVICES SUPPLIERS

In alphabetical order



www.actiamuller.com



www.anche.cn



www.autocom.se



D I T E S T

www.avlditest.com



www.bmtest.dk



BOSCH

Invented for life

www.bosch-automotive.com



www.capelec.fr

CAR-O-LINER

www.car-o-liner.com



Vehicle Inspection Equipments & System

www.cosber.com



www.maha.de

Ryme

www.ryme.com



www.snapon-totalshopsolutions.com



www.vltest.com



www.vteq.es

MEMBERS

FULL MEMBERS;
PROVISIONAL MEMBERS;
AFFILIATED ASSOCIATION MEMBERS;
AFFILIATED NON-ASSOCIATION MEMBERS
- in alphabetical order

AFRICA

ATTT - TUNISIA
AVTS Roadworthy Stations - SOUTH AFRICA

CCVA (Burkina Controle SA) - BURKINA FASO
SICTA - IVORY COAST

CENTRAL & SOUTH AMERICA

Applus Iteuve Argentina - ARGENTINA
Autoridad del Tránsito y Transporte Terrestre - PANAMÁ
Consejo de Seguridad Vial - COSTA RICA

RITEVE SyC, S.A. - COSTA RICA
SGS Argentina - ARGENTINA
TÜV Rheinland Andino S.A. - CHILE

NORTH AMERICA

APPLUS+ Technologies, Inc. - USA
DEKRA North America - USA
OPUS INSPECTION - USA

Parsons Advanced Technologies, Inc. - USA
SGS Testcom Inc. - USA

ASIA / AUSTRALASIA

AIRIA - JAPAN
Al Mumayaz Vehicle testing - UNITED ARAB EMIRATES
CQC - CHINA
General Transport & Services - UNITED ARAB EMIRATES
Light Motor Vehicle Inspection Organization - JAPAN
Ministry of Land, Infrastructure, Transport - JAPAN
National Agency of Vehicle Inspection - JAPAN
JEVIC - JAPAN
KOTSA - KOREA
Mecanique Motor Vehicle Inspection - LEBANON
MVPI - SAUDI ARABIA
National Road Transport Center - MONGOLIA
NZ Transport Agency - NEW ZEALAND

PVI Company - KURDISTAN REGION
PUSPAKOM - MALAYSIA
Quality Inspection Services - JAPAN
Quick Registration - UNITED ARAB EMIRATES
RTA - Licencing Agency Dubai - UNITED ARAB EMIRATES
STA Inspection PTE LTD - SINGAPORE
TASJEEL - UNITED ARAB EMIRATES
The Israeli Association of Vehicle Testing Inst. - ISRAEL
VICOM Ltd - SINGAPORE
Vietnam Register - VIETNAM
VINZ - NEW ZEALAND
VTNZ - NEW ZEALAND
WOQOD - QATAR

AECA-ITV - SPAIN
A-Katsastus OY - FINLAND
AM CERT dool - MACEDONIA
AMSM - MACEDONIA
AMSS CMV - SERBIA
ANCIA - PORTUGAL
Applus Danmark A/S - DENMARK
Applus+ Car Testing Service Ltd - IRELAND
APPLUS+ Iteuve - SPAIN
ASA - SWITZERLAND
ATISAE - SPAIN
AVTO KRKA iso d.o.o. - SLOVENIA
BILPROVNINGEN - SWEDEN
BIVV - BELGIUM
BOVAG - NETHERLANDS
Bundesanstalt für Verkehr - AUSTRIA
BUREAU VERITAS - FRANCE
CENTAR MOTOR d.o.o. - BOSNIA AND HERZEGOVINA
CENTER FOR VEHICLES OF CROATIA - CROATIA
CERTIO - SPAIN
Chamber of Commerce & Industry, GZS - SLOVENIA
Dirección General de Tráfico - SPAIN
DEKRA Automobil GmbH - GERMANY
DEKRA Automotive S.A. - FRANCE
Driver & Vehicle Agency - UNITED KINGDOM
Dunav Auto - SERBIA
Estonian Road Administration - ESTONIA
EUROLAB L.L.C. - KOSOVO
FSD GmbH - GERMANY
General de Servicios ITV, S.A. - SPAIN
GOCA asbl - BELGIUM
GRUPO ITEVELESA s.l. - SPAIN
GTÜ - GERMANY
HAK - CROATIA
IDIADA - SPAIN
Innovam Group - NETHERLANDS
ITS - POLAND
ITVASA - SPAIN
ITV SERVEIS - ANDORRA
IVESUR, S.A. - SPAIN

K1 Katsastajat Oy/Applus Finland - FINLAND
KÜS - GERMANY
Ministry of Transport and Communications - KOSOVO
Ministerio de Industria, Energía y Turismo - SPAIN
Ministero delle Infrastrutture e dei Trasporti - ITALY
National Transport Authority of Hungary - HUNGARY
ÖAMTC - AUSTRIA
Opus Bilprovning AB - SWEDEN
RAR - ROMANIA
RDW - NETHERLANDS
Retail Motor Industry Federation, Ltd - UNITED KINGDOM
RSA Ireland - IRELAND
RTSD Latvia - LATVIA
Russian Association of Motor Insurers - RUSSIA
RVSA-ITV (Prevencontrol ITV) - SPAIN
Secta Autosur - FRANCE
S-EKA - SLOVAKIA
Sensors Europe GmbH - GERMANY
SGS Group Management S.A. - SWITZERLAND
SGS Securitest s.a. - FRANCE
SIMI - IRELAND
SNCT s.a. - LUXEMBOURG
Supervisión y Control, S.A. - SPAIN
SWEDAC - SWEDEN
Techexpert - RUSSIA
TESTEK, s.r.o. - SLOVAKIA
Tafi - FINLAND
TRANSEKSTA - LITHUANIA
TÜV Nord Mobilität GmbH & Co. KG - GERMANY
TÜV Rheinland Iberica sa - SPAIN
TÜV Rheinland Kraftfahrt GmbH - GERMANY
TÜV SÜD Auto Service GmbH - GERMANY
TÜVTURK - TURKEY
UTAC - FRANCE
VdTÜV e.V. - GERMANY
VEIASA - SPAIN
Vivauto SA Autivision - FRANCE
WKO - AUSTRIA
YKL ry - FINLAND

EUROPE

IIIop

QUESTIONS / SEMINARS / WORK-
SHEETS / PROJECT MANAGEMENT
PRACTICE STUDIES / COM-
PARATIVE REPORTS / KNOW-
LEDGE LOGGERS / INVESTIGATION / KNOW-
LEDGE TESTING / KNOW-
LEDGE

NEXT STEPS

REPORTS / IMPARTIALITY
REPORTS / PORT-OF-E
REPORTS / AWARENESS / QUAL-
ITY REPORTS / QUESTION-
NAIRES / SEMINARS /
PROJECT MANAGEMENT
PRACTICE STUDIES /



Dear Members, dear Friends,

2017 was a remarkable year. As you can see from this annual report, a lot has happened and I'm sure that 2018 will be even more exciting.

This year will bring into force the European Union directives approved in 2014, which set out a new frame for periodical and road side inspections. Many years of previous talks and 4 years of hard work to be ready for implementation. We are proud to be a part of it and feel closer than ever to harmonizing the compliance of in-use vehicles on the continent. Moreover, the Directive will be complemented by the Implementing Act, which will define what information on vehicles is to be available for inspection.

Also in Europe, CITA leads consortia undertaking two EU Commission projects: one to assess the inclusion of light trailers and two- and three-wheelers in the scope of roadworthiness testing and the other to assess options for ensuring that eCall systems will operate throughout the whole life of vehicles.

But the world is much larger than Europe. We continue to work with the UN, WHO and the Multilateral Development Banks. In 2018, we will strengthen our presence in the Global Road Safety Facility of the World Bank, with which we have planned two more studies in sub-Saharan countries and we expect the same impact as our work in Togo. And all these activities will be developed in parallel with our involvement in the SaferAfrica project.

We will also have meetings of our Working Groups and Expert Groups, all of which will have teleconference access to facilitate the participation of all members. Furthermore, we will have our regional meeting in Asia and Africa. Moreover, additional events will be arranged by the recently refreshed Regional Advisory Groups of Central & South America and North America. We have as well started the arrangements for our 2019's Conference and General Assembly in Seoul, Republic of Korea, together with our friends of KOTSA. Please, block the 1st week of April 2019 in your agendas for this because it will be a great event.

In summary: more partnerships, more projects, more activities and more networking to develop the potential of whole life vehicle compliance in road safety and environmental protection. Before concluding, I would like to mention what is for me the most important value of CITA: engagement. Everything we have seen in this annual report and the activities planned for the coming years only make sense with the commitment of the members.

I LOOK FORWARD TO CONTINUING TO WORK TOGETHER IN 2018!



**Eduard
FERNÁNDEZ**
Executive Director

