



**SPREADING LIGHT
ON REGULATIONS
SINCE 1952**



CONTACT US

Via Confienza, 10 - 10121 Torino (ITALY)
+39 011 753 8670
secretariat@gtb-lighting.org
www.gtb-lighting.org

GTB

**THE INTERNATIONAL
AUTOMOTIVE
LIGHTING
AND
LIGHT SIGNALLING
EXPERT GROUP**



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Hello there, welcome to GTB!



Introduction

In the field of automotive lighting, technology develops rapidly. These innovations need a legal regulatory framework to ensure traffic safety and sustainability.

The automotive lighting world is truly global, and this is clearly evident from the current developments in the UN World Forum (WP29) as well as from the widening membership of GTB. Thanks to this, GTB is able to represent the interests of the whole value chain of automotive lighting. System suppliers, light source manufacturers, vehicle manufacturers, testing laboratories, research organisations and academia are all part of the GTB Family.

**WE LOOK FORWARD TO FURTHER INCREASE THIS SUCCESS AND
THE INTERNATIONAL AWARENESS AROUND GTB.**

- The GTB Administrative Committee -

What is GTB?

A *Non-Governmental Organization* operative since 1952 and in special consultative status with ECOSOC (the UN Economic and Social Council) since 2014.



A *non-profit Association* totally funded and managed by its membership: the operating costs are shared, and this allows us to provide a high-quality service at low cost for the benefit of all members.

The only global group of vehicle lighting experts supporting the international regulatory process through the combination of their experience and skills as:



Vehicle manufacturers



Lighting systems manufacturers



Light source manufacturers



Test laboratories



Regulatory agencies

Academia

**“ WE PROVIDE A
UNIQUE OPPORTUNITY
FOR MEMBERS TO BE
INVOLVED IN THE
UN REGULATORY
PROCESS. ”**



The Team



Valter GENONE

President



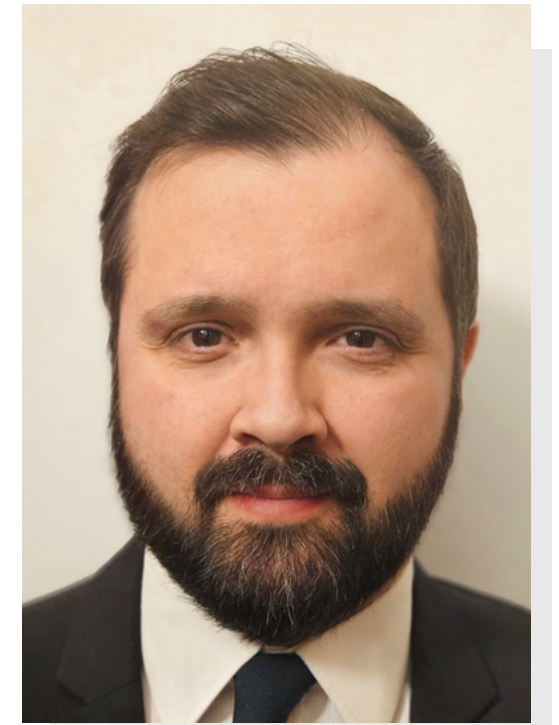
Bart TERBURG

Vice-President



Davide PUGLISI

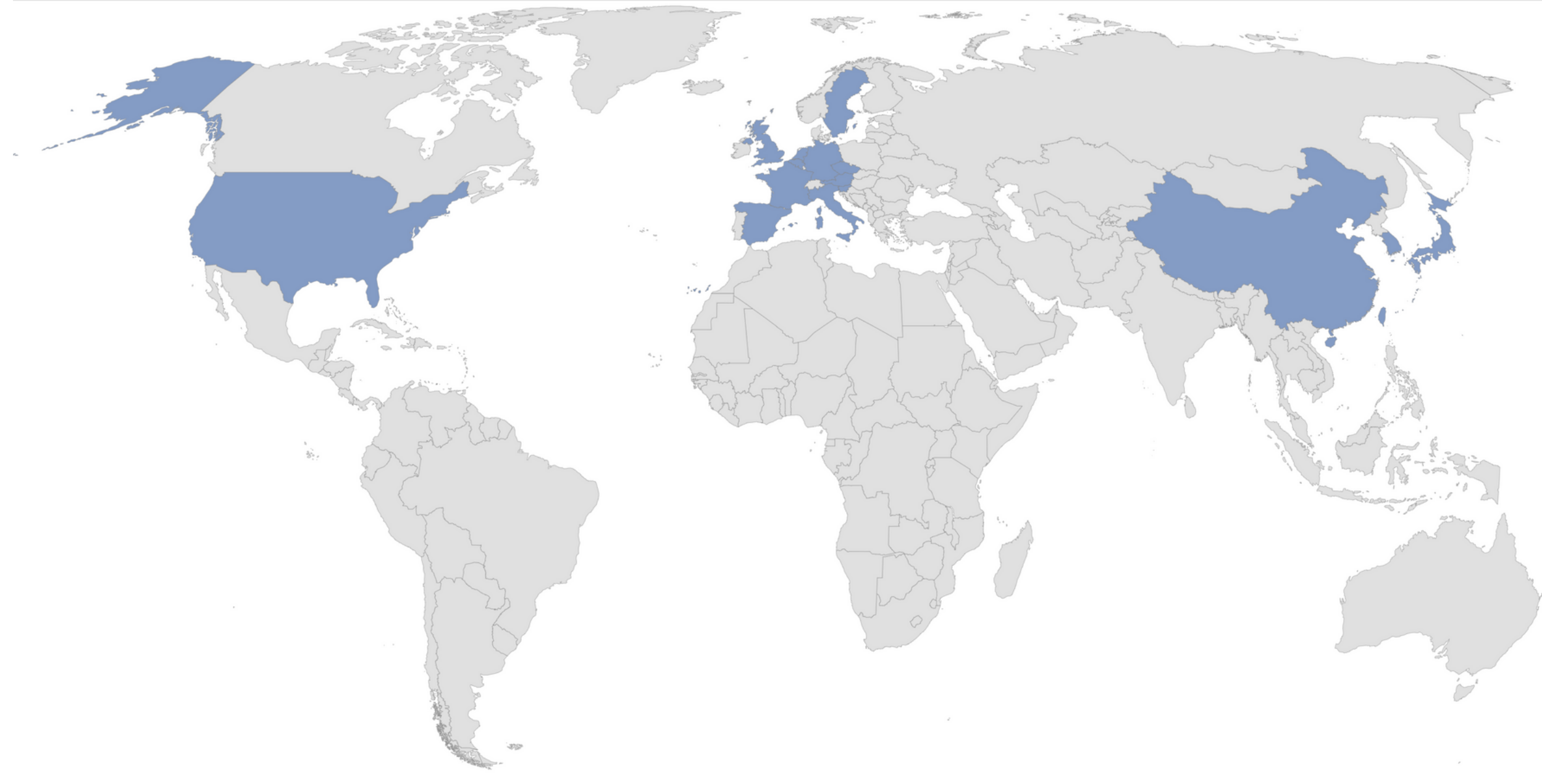
Secretary-General



Federico MATARAZZO

Technical Officer

Our Members



17 MEMBERS



中国汽车技术研究中心
China Automotive Technology & Research Center



AGORIA



VLA



IMMA
INTERNATIONAL MOTORCYCLE
MANUFACTURERS' ASSOCIATION



UNE
Normalización Española



SAE
INTERNATIONAL



SMMT
DRIVING THE
MOTOR INDUSTRY



SLOVENSKO DRUŠTVO ZA RAZSVETLJAVO / SDR
LIGHTING ENGINEERING SOCIETY OF SLOVENIA



CUNA
Commissione Tecnica
di Unificazione
nell'Autoveicolo
Ente federato all'UNI



NSVV



JAPIA
Japan Auto Parts Industries Association



Fahrzeugindustrie
WIRTSCHAFTSKAMMER
ÖSTERREICH



Fieo
EQUIP THE FUTURE
OF AUTOMOTIVE



VDA
Verband der
Automobilindustrie



TSA
Korea Transportation Safety Authority
Korea Automobile Testing & Research Institute



SIS
Svenska
Institutet för
Standarder



ČNK CIE

WORLDWIDE COMPANIES IN GTB

Our Services



PROMOTE

Safety

**Avoiding regulatory
barriers**

**Removing unnecessary
administrative burden
to innovation and
international trade**



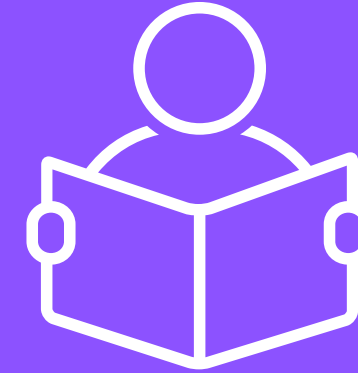
INVESTIGATE

**the safety, economic
and environmental
implications of the
technical developments
with a view to their
practical application**



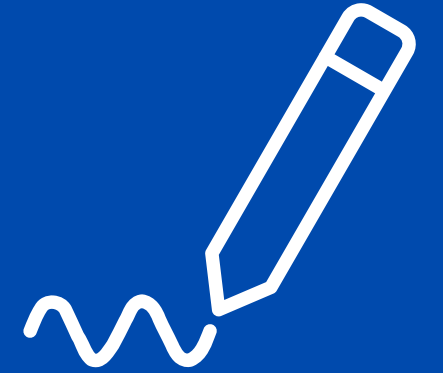
FACILITATE COOPERATION

**of both technical and
administrative experts
coming from all
disciplines involved in
road vehicles lighting,
considering operational
and cultural aspects of
the different countries**



STUDY & DISCUSS

**new technical
developments regarding
all aspects of automotive
lighting, light sources,
lighting functions and
their installation in the
vehicle: this includes
sponsoring independent
research carried out by
globally acknowledged
institutes**



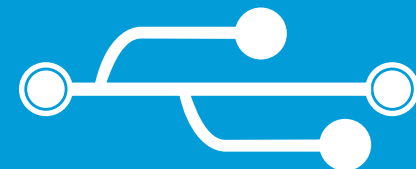
PREPARE PROPOSALS

**for new or amended
UN Regulations and
standards for testing,
approval and
certification of vehicle
lighting, light signalling
systems and light
sources**

WE PROVIDE

AN EFFECTIVE CHANNEL

*for contributing to the
UN regulatory process*



A COMMON GOAL

*to facilitate traffic safety
and economic advantage*



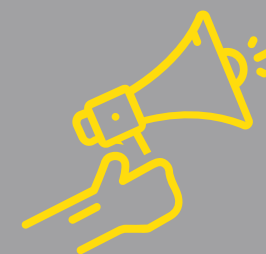
UP-TO-DATE CONSOLIDATIONS

*of UN Lighting Regulations as a
tool to support the
homologation process*



UP-TO-DATE INFORMATION

*on regulatory trends in the
various world regions*



THE STRUCTURE

**Administrative
Committee
(AC)**

**General
Assembly
(GA)**

**WG Strategy
(WG S)**

**Committee of
Experts (CE)**

**Technical Steering
Committee (TSC)**

Working Groups

Front Lighting (WG FL)

Signal Lighting (WG SL)

Light Sources (WG LS)

Installation (WG I)

Safety and Visual Performance (WG SVP)

Photometry (WG P)

Task Forces

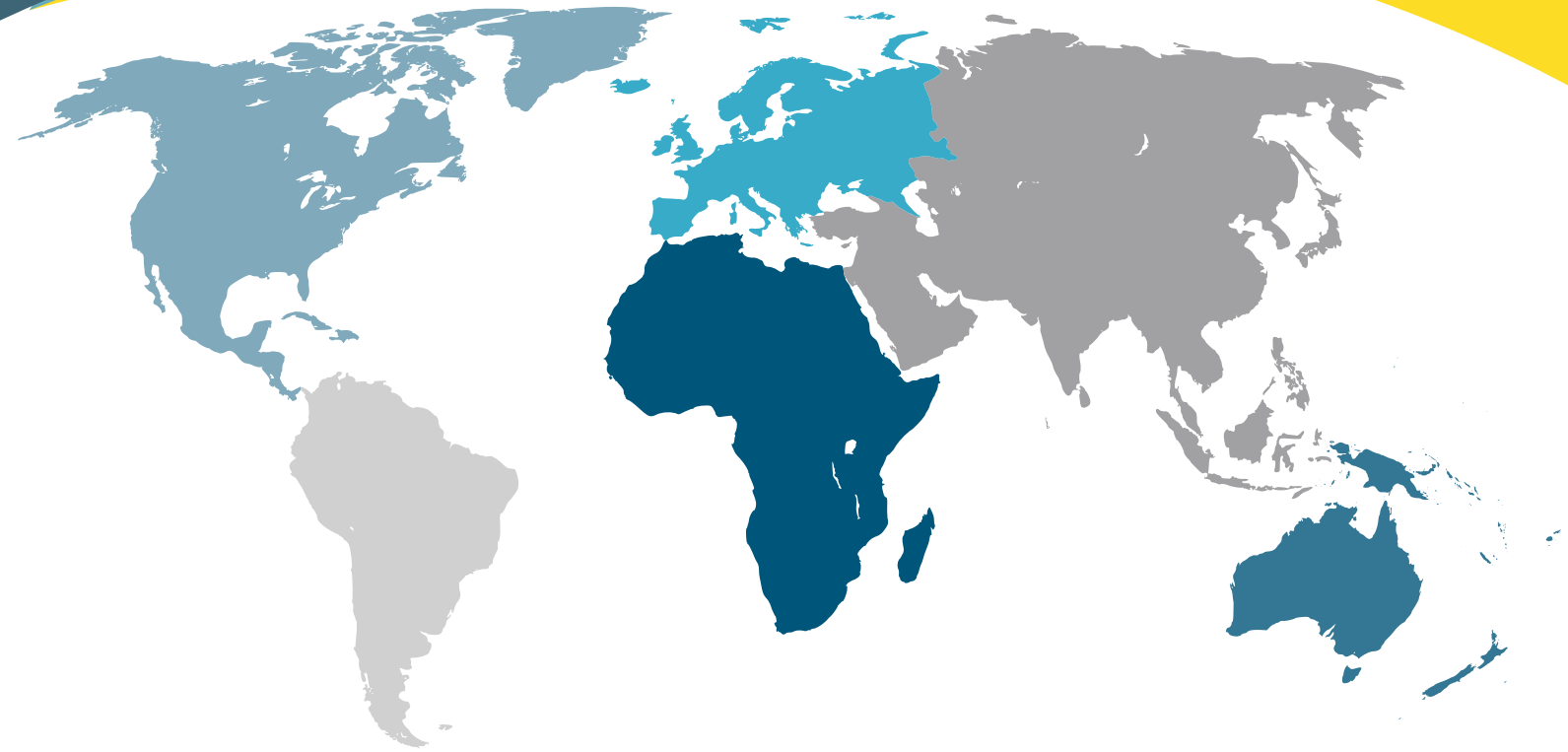
Vehicle-Level Laboratory Testing
Procedure (TF VLLTP)

Lighting and Visibility for Sensors
(TF LVS)

ADMINISTRATIVE

TECHNICAL





WE COLLABORATE
WITH



UNECE



International
Electrotechnical
Commission



International
Organization for
Standardization



International Commission on Illumination
Commission Internationale de l'Eclairage
Internationale Beleuchtungskommission



OUR VISION

Be the partner of choice for
governmental regulatory bodies and
the worldwide centre of competence for
all automotive lighting-related innovation makers

OUR MISSION

Bring together the expertise of our global membership to promote safety, avoidance of regulatory barriers and the removal of unnecessary administrative burden to innovation and international trade

OUR TARGETS

Actively support GRE to:

- Develop safety regulations to enable the international use of new technologies;
- Improve and simplify the existing lighting and light-signalling UN Regulations.

Sponsor independent international research to provide a scientific base as supporting rationale for the ongoing development of Regulations.



The International Automotive Lighting
and Light Signalling Expert Group

If you already belong to one of the GTB member delegations,
ensure that you derive full benefits from being part of the
global lighting expert group.

**If your company or organization is not yet represented in GTB,
consider joining an existing GTB member, or applying for GTB
membership through a suitable national association in your country.**

For further information please contact:

GTB Secretariat

secretariat@gtb-lighting.org

www.gtb-lighting.org

