



FIA SPORT DRIVING CHANGE

A WORLD IN MOTION

FEDERATION
INTERNATIONALE
DE L'AUTOMOBILE

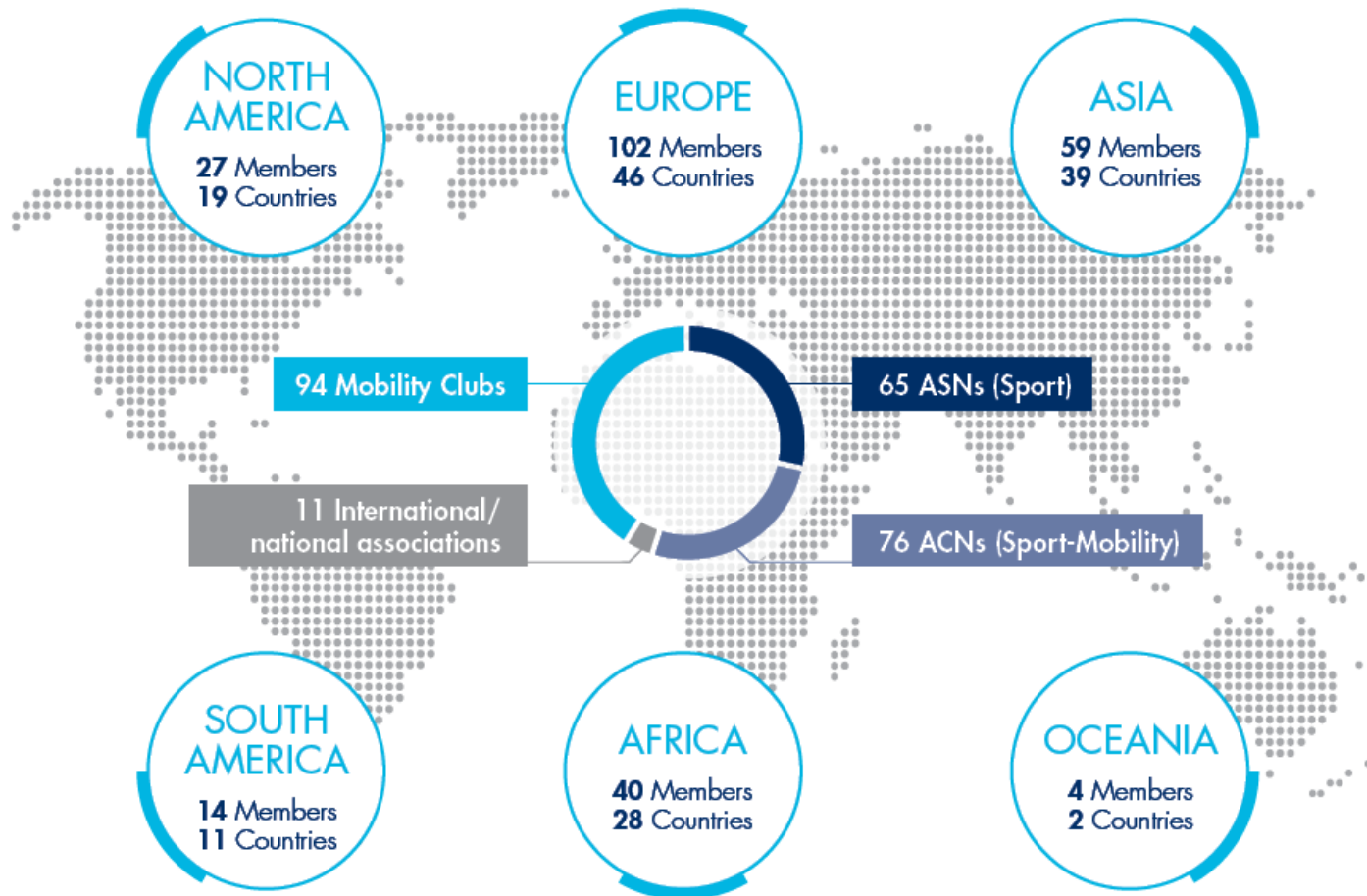
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THE FIA – A WORLDWIDE PRESENCE

246 member organisations representing
over 80 million people from 145 countries





DRIVING CHANGE

From track to road





GLOBAL
STATUS
REPORT
ON ROAD
SAFETY
2018



- **1,35 million** deaths worldwide related to road accidents
 - 3626 deaths per day
 - 151 deaths per hour

Data from several WHO reports concludes that **millions of lives can be saved and injuries prevented** through the adoption and enforcement of road safety regulations on:

- speeding
- drinking and driving
- use of seatbelts
- use of child restraints
- motorcycle helmets

And through continual improvement

- road design
- vehicle standards
- emergency care



Motor sport organisations and road safety advocates face **similar challenges to reduce fatalities**

The FIA formula for driving change

Use the FIA's
**regulatory
authority** to
encourage and
promote technical
and safety
innovations



Take advantage
of the **popularity
of motor sport**
and ability to
influence public
perception



Motor sport provides one of the most heavily-funded platforms for automotive research.

Motor sport provides both a laboratory and communication platform for automotive technology and innovation.

The competitive motor sport environment results in accelerated innovation and technological development towards road safety.

The FIA establishes collaborative projects between automotive manufacturers and safety industries to improve safety in the sport.

The FIA engages with industry in the same manner as the UNECE to develop global regulations.

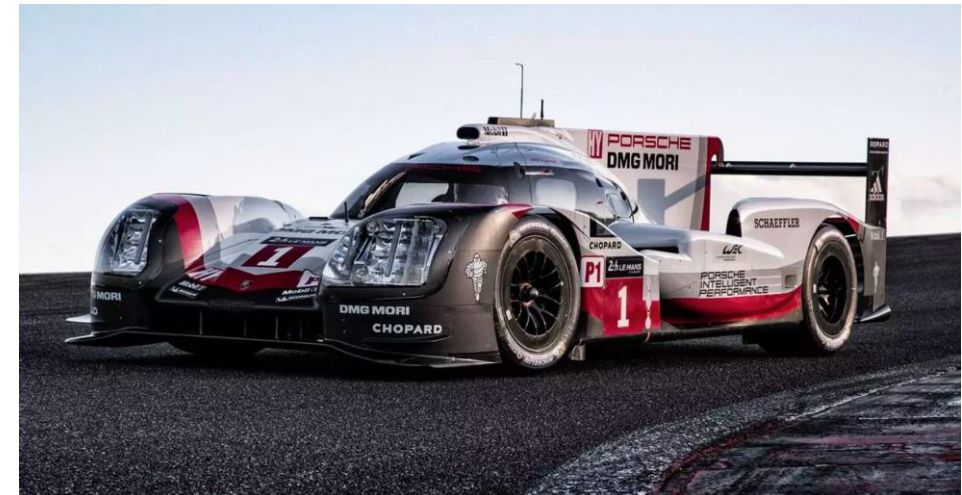


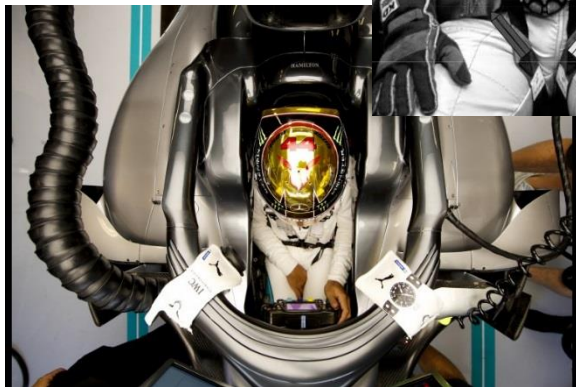
Seat belts
 Disc brakes
 Anti-lock brakes
 Rear view mirrors
 Roll-over structures
 Head and neck restraints
 Deformable crash structures
 Paddles and steering wheel



2018 ★★★★★ *i*
Mercedes-Benz A-Class Mercedes-Benz
 Small Family Car
[DOWNLOAD REPORT \(PDF\)](#) [Share](#)

Adult Occupant	Child Occupant	Vulnerable Road Users	Safety Assist
96%	91%	92%	75%





Telemetry
Tyre technology
Improved child seats
Materials technology
Carbon fibre safety cell
Accident data recorders
Manufacturing techniques
Advanced brake disc material
More stringent crash test procedures
Driverless cockpit environment
safety

Risk per unit of exposure X units of exposure

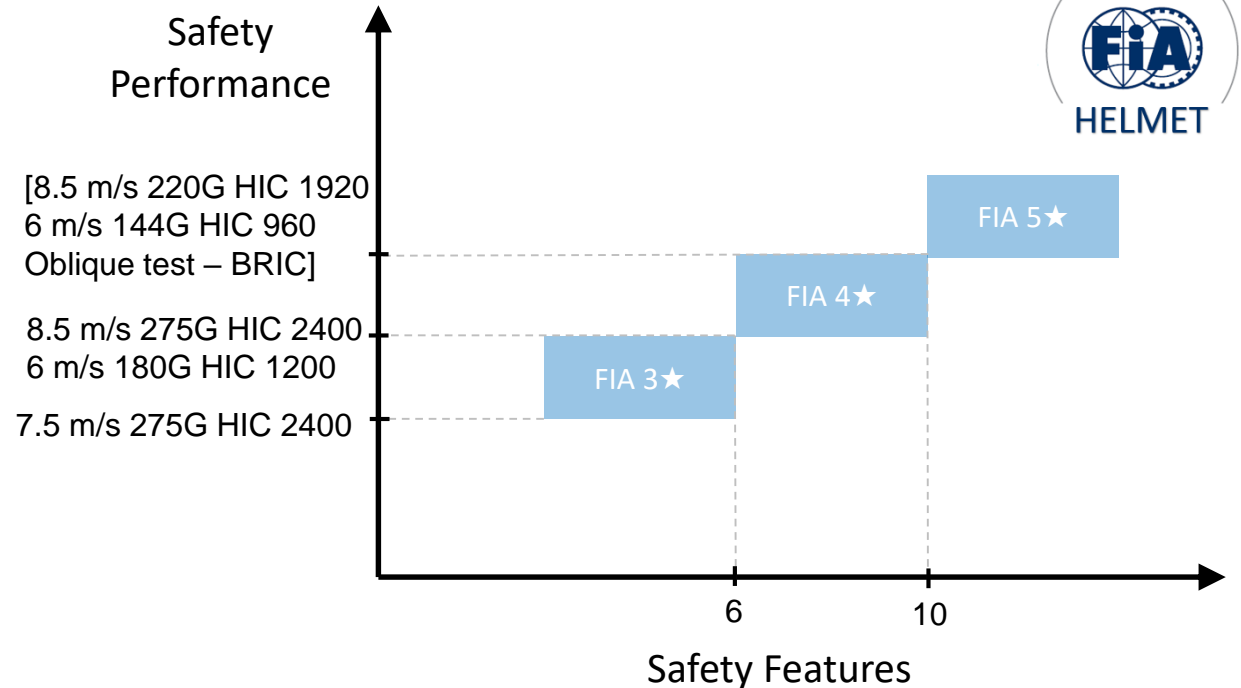
	Deaths per 100 million person kilometers	Deaths per 100 million person travel hours
Road (Total)	0,95	28
Motorcycle	13,8	440
Foot	6,4	75
Cycle	5,4	25
Car	0,7	25
Bus and coach	0,07	2
Ferry	0,25	16
Air	0,035	8
Rail	0,035	2[RFSJ21]

Source: ETSC "Transport safety performance in the EU a statistical overview", 2003

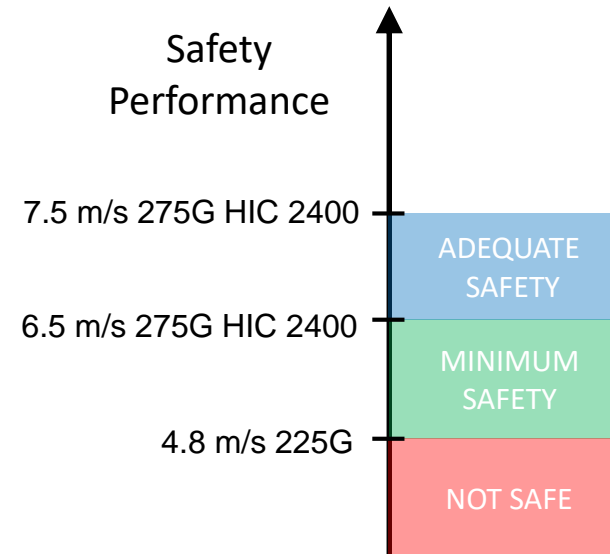
- FIA helmet standard 8860-2018 is the **safest motor sport helmet standard in the world**
- It offers **several improvements** compared to the safest helmets currently available on the market
 - Advanced Ballistic Protection (protection against projectiles up to 225 grams travelling at 250kph)
 - Increase the energy absorption by 12% and 22% for large helmet sizes
 - Using the various F1 communication channels for the launch of the new standard, the FIA were able to reach millions of people
 - Working in close cooperation with other Sporting International Federations & the UNECE



- The FIA Helmet Safety Rating recognises both safety performance and safety features for road helmets
- Inform consumers by promoting helmets with exceptional levels of safety
- Work with industry to develop the safest helmets ever offered to consumers



- The program will also recognise affordable safe helmets specifically for **low income countries**
- The FIA will help consumers identify which helmets in their local market offer the **highest level of protection**





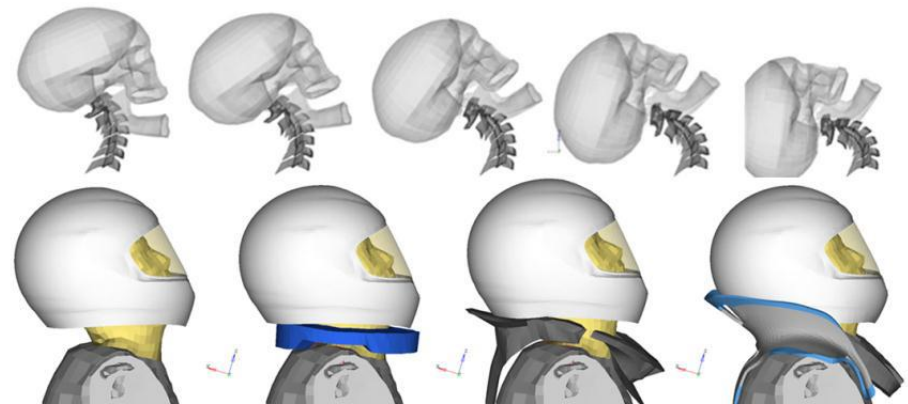
Currently there is **no recognized standard** for neck braces and many professional and amateur sportsmen and sportswomen simply use what is available on the market.



The FIA is conducting a review of neck injury cases which **includes road accidents**.

The FIA will apply its expertise in the development of protective devices to deliver a new neck brace standard which is also **suitable for road users**.

The FIA is working in close cooperation with other International Sporting Federations and several Universities which are world-leaders in the field of biomechanics.



Motor sport provides a powerful communication tool to promote safer behaviour on the road and engage with road users.

The FIA uses motor sport stars and other celebrities as ambassadors to promote road safety campaigns.

These partnerships have helped the FIA to increase the visibility of road safety messages



- 1 AMBITIOUS TARGET**
Support UN SDG Target 3.6 to halve road fatalities and injuries by 2020.
- 2 BETTER INFRASTRUCTURE**
50% of casualties occur on around 10% of the road network.
- 3 SAFER VEHICLES**
All new cars should meet agreed minimum UN vehicle safety standards.
- 4 MORE EFFECTIVE LAWS**
Only 7% of the world's population are covered by adequate legislation on speed, drink-driving, helmet use, seat belt and child restraint use.
- 5 STOP SPEEDING**
Speed is the single most significant contributor to road collisions leading to death and injury.
- 6 TACKLE DRINK-DRIVING**
We call for the introduction and enforcement of effective legislation on drink-driving. The alcohol industry should promote drink-driving legislation, independent research, and public awareness on the impact of alcohol use on road safety.
- 7 IMPROVED DATA COLLECTION**
Effective action can only be taken if it is targeted and measured with accurate data.
- 8 UNITED NATIONS ROAD SAFETY TRUST FUND**
Building on the achievements of the Global Road Safety Facility housed at the World Bank, a scaled up United Nations Road Safety Trust Fund has been launched to attract donor aid for road safety.
- 9 PRIVATE SECTOR SUPPORT**
We call for stronger recognition of road safety as a key development and public health challenge.
- 10 INCREASE COORDINATED ACTION**
Regular engagement at all political levels should be a priority.

- The FIA actively pursues a reduction in worldwide road accident-related fatalities.
- FIA regulations promote investment by automotive manufacturers and the safety equipment industry in **safety research**.
- The FIA can facilitate the transfer of **safety innovations** from motor sport to benefit society as a whole.
- The FIA leverages the **popularity of motor sport** to reach and influence millions of road users through road safety campaigns.
- With its two pillars of **sport and mobility**, the FIA is uniquely positioned to bring the road user perspective into policy making.



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