

MADRID MEETING

07/11/2018

Tom Van Esbroeck

Kurt Vollmacher



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS





RETEX ACCIDENT

NEW TECHNOLOGY



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

Figure Kurt Vollmacher



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



CEL 2





BVV
CEL 2







National activities				
Pillar 1 Road safety management	Pillar 2 Safer roads and mobility	Pillar 3 Safer vehicles	Pillar 4 Safer road users	Pillar 5 Post-crash response
International coordination of activities				



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

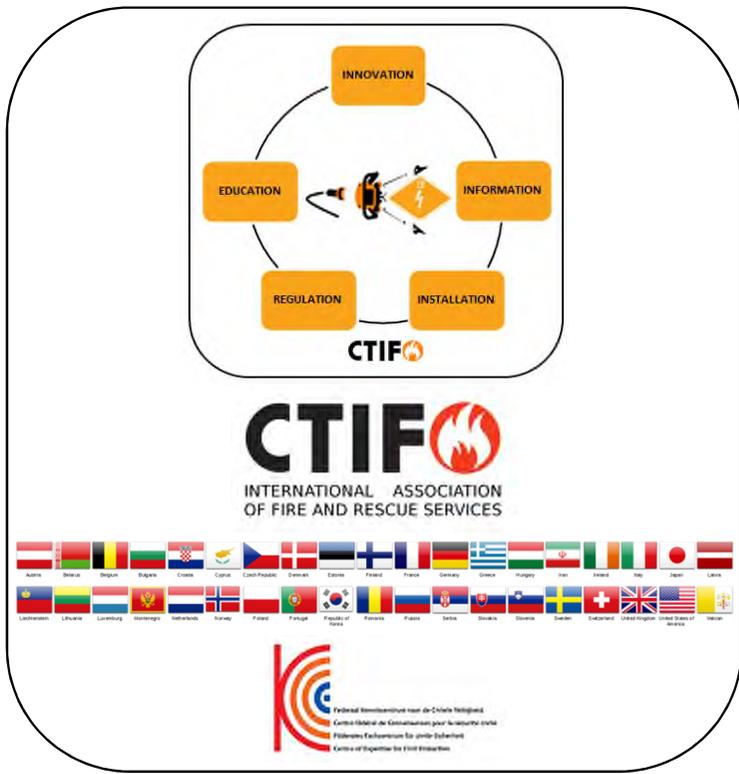


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Pillar 1 Road safety management	Pillar 2 Safer roads and mobility	Pillar 3 Safer vehicles	Pillar 4 Safer road users	Pillar 5 Post-crash response
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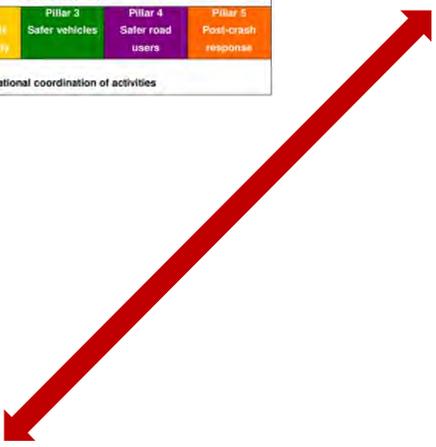
BVV
CEL 2



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



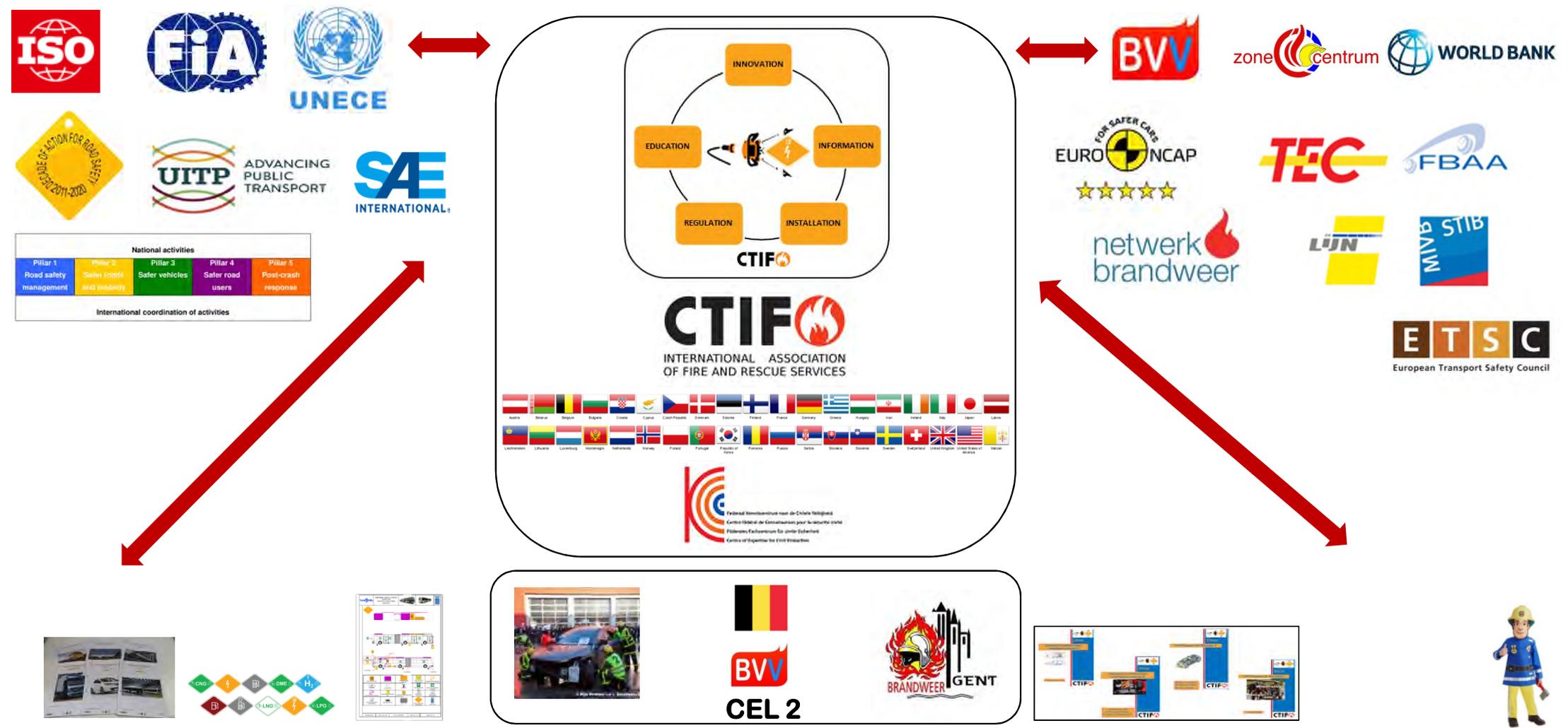
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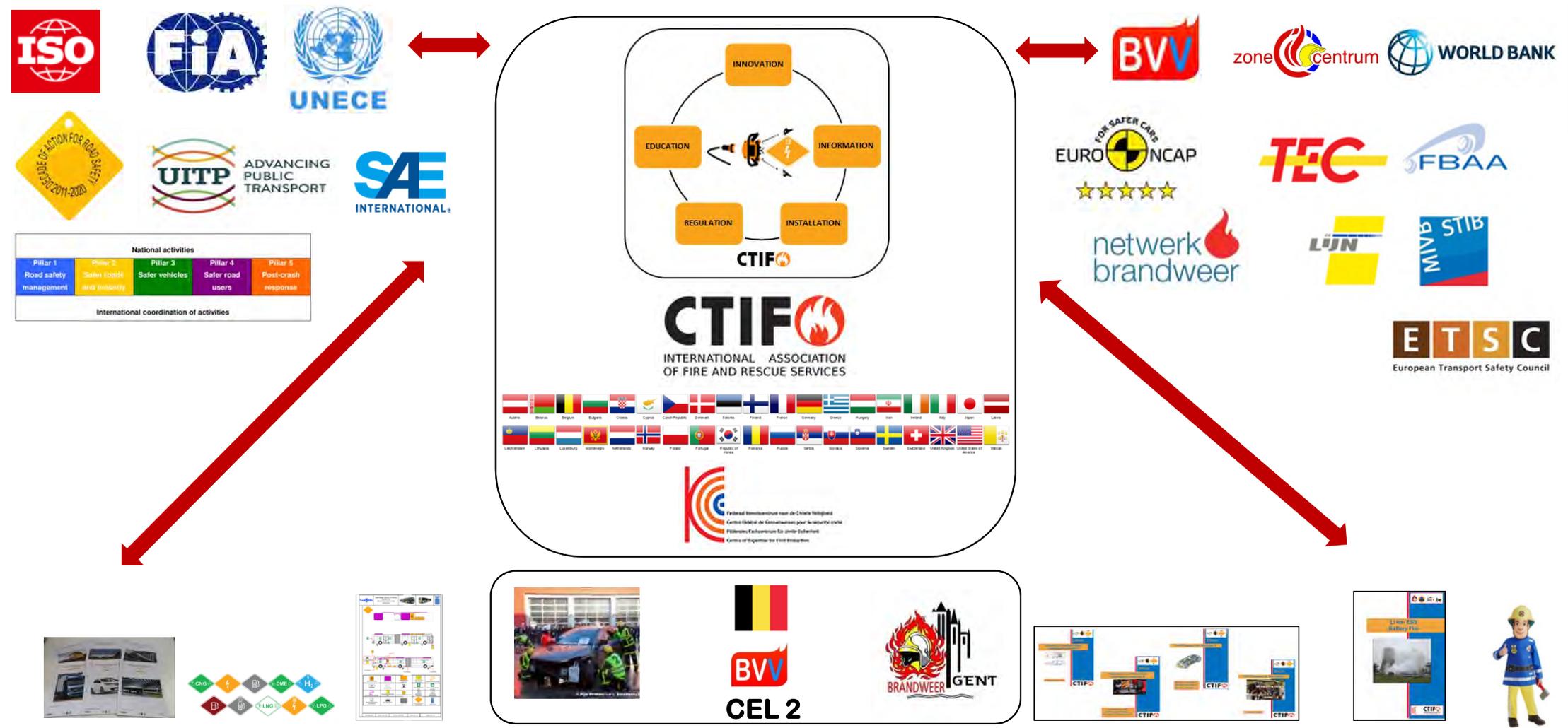


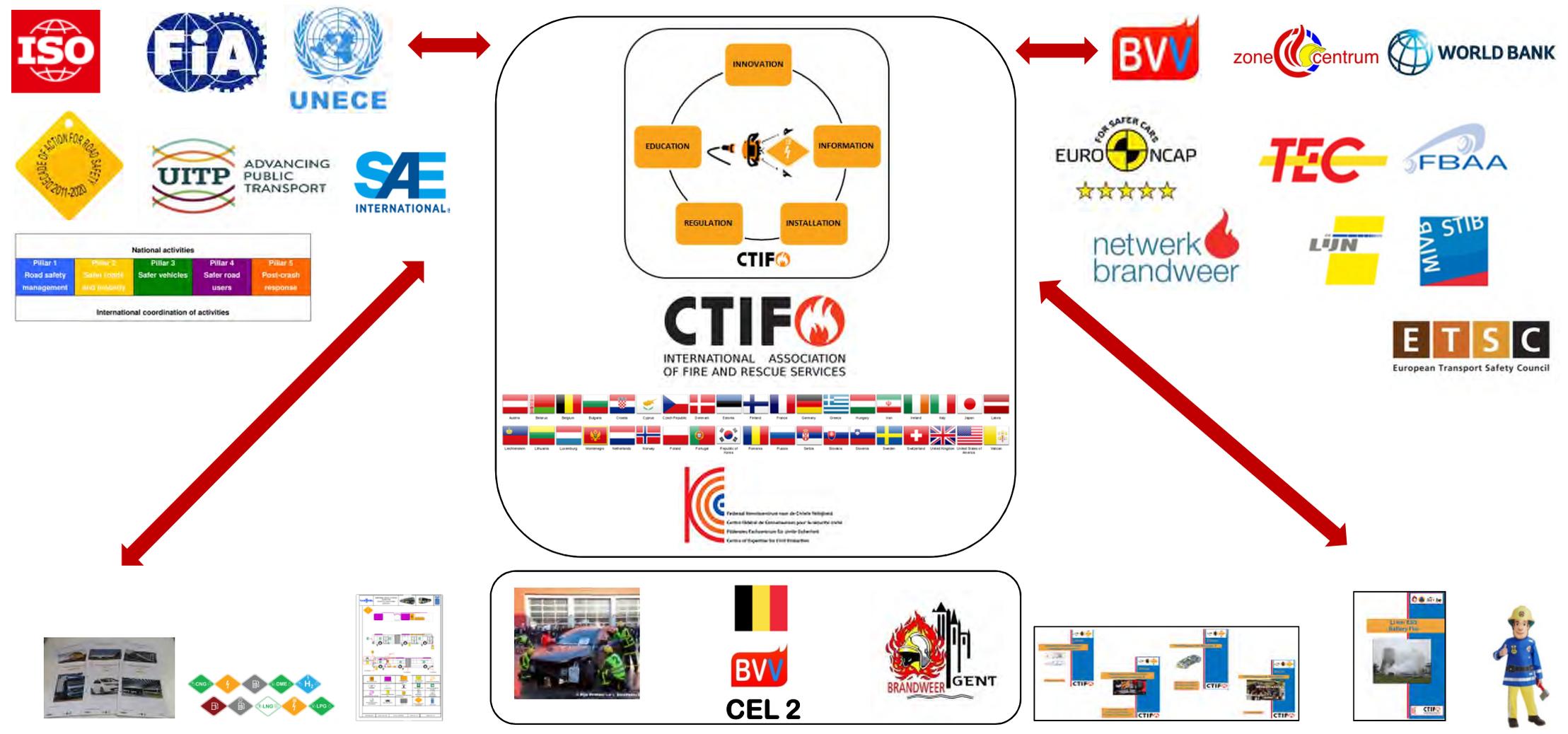
CEL 2



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS







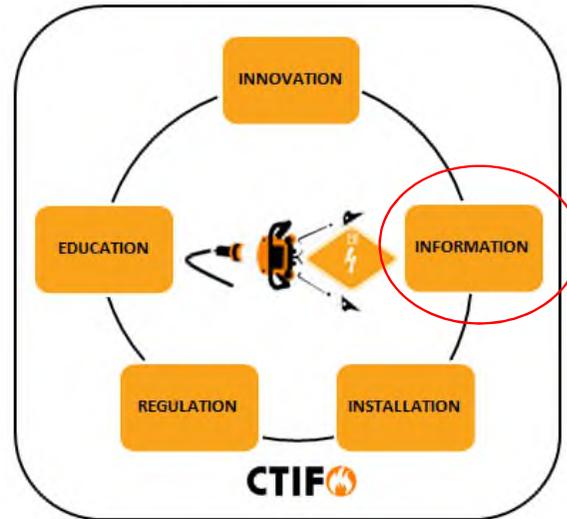
National activities				
Pillar 1	Pillar 2	Pillar 3	Pillar 4	Pillar 5
Road safety management	Safer roads and mobility	Safer vehicles	Safer road users	Post-crash response
International coordination of activities				

CTIF

INTERNATIONAL ASSOCIATION OF FIRE AND RESCUE SERVICES

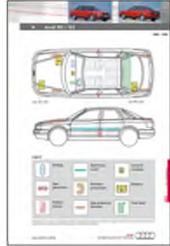
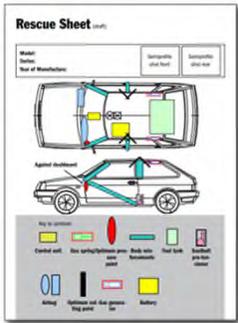


SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



ISO 17840

1

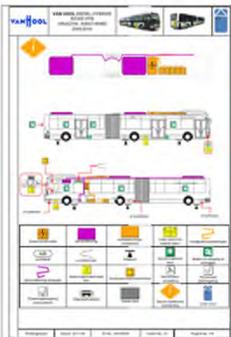


3

1. Identification / recognition	Page ...
2. Immobilisation / stabilisation / lifting	Page ...
3. Disable direct hazards / safety regulations	Page ...
4. Access to the occupants	Page ...
5. Stored energy / liquids / gases / solids	Page ...
6. In case of fire	Page ...
7. In case of submersion	Page ...
8. Towing / transportation / storage	Page ...
9. Important additional information	Page ...
10. Explanation of pictograms used	Page ...



2



1. Identification / recognition	Page ...
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10. Explanation of pictograms used	Page ...

1. Identification / recognition	Picture of the vehicle showing
2. Immobilisation / stabilisation / lifting	Page immobilisation device data
3. Disable direct hazards / safety regulations	For engine protection and other devices
4. Access to the occupants	For engine protection and other devices
5. Stored energy / liquids / gases / solids	For engine protection and other devices
6. In case of fire	For engine protection and other devices
7. In case of submersion	For engine protection and other devices
8. Towing / transportation / storage	For engine protection and other devices
9. Important additional information	For engine protection and other devices
10. Explanation of pictograms used	For engine protection and other devices

4

GREY	DIESEL
RED	GASOLINE
GREEN	GAS
WHITE	CRYOGEN LNG
BLUE	HYDROGEN
ORANGE	HIGH VOLTAGE



MEMORANDUM OF UNDERSTANDING



Top "drone" view bus



**LIEGE
TEC**



Figures Google



BRUSSELS
MIVB



Figures Google



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

COURSES/PROCEDURES AND TRAINING



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

COURSES/PROCEDURES AND TRAINING

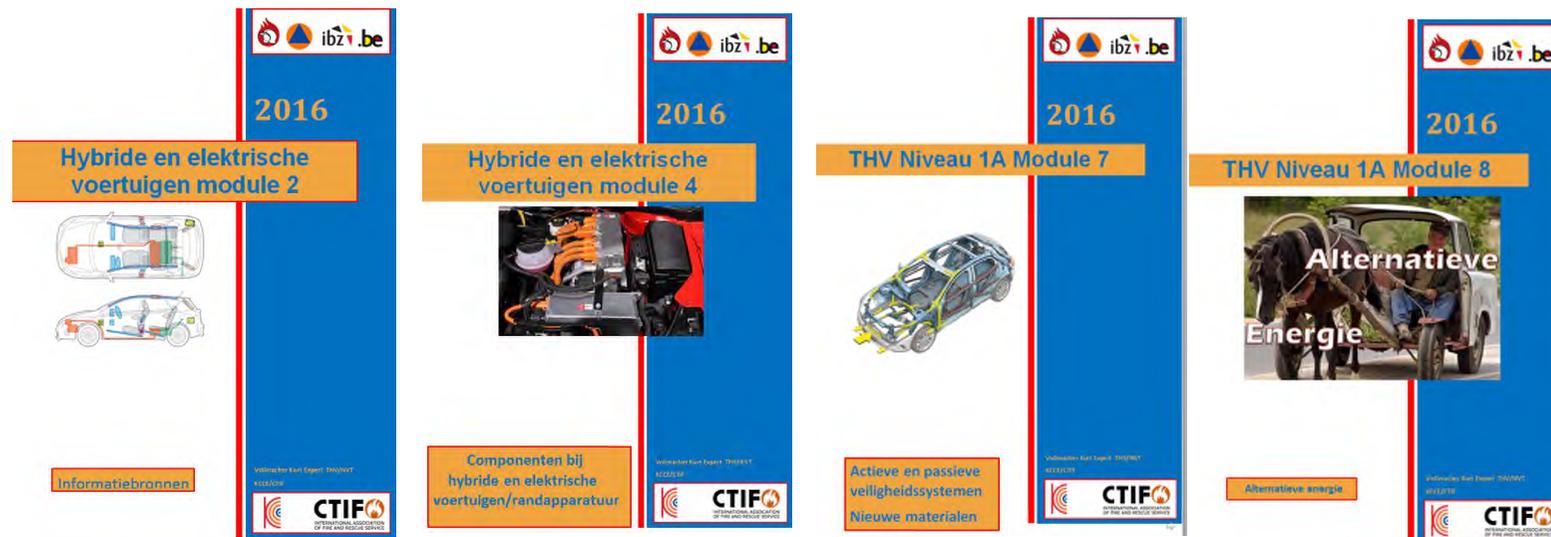


Figure Kurt Vollmacher



INCIDENT COMMAND TRAINING



Figure Kurt Vollmacher



Figure Kurt Vollmacher



INTERNATIONAL CTIF/EURO NCAP EXTRICATION WEEK



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

RESPECT



ACT

LEARN



TRAINING DOCTERS AND EMERGENCY PERSONEL

SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



📅 07 Mar 2018

The EV accident in Dilsen-Stokkem: Intervention guidelines for Plug-in Hybrids

Extrication & New Technology, CTIF, Lessons Learned, RETEX, Traffic Accidents

LESSONS LEARNED

SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



📅 10 Jul 2018

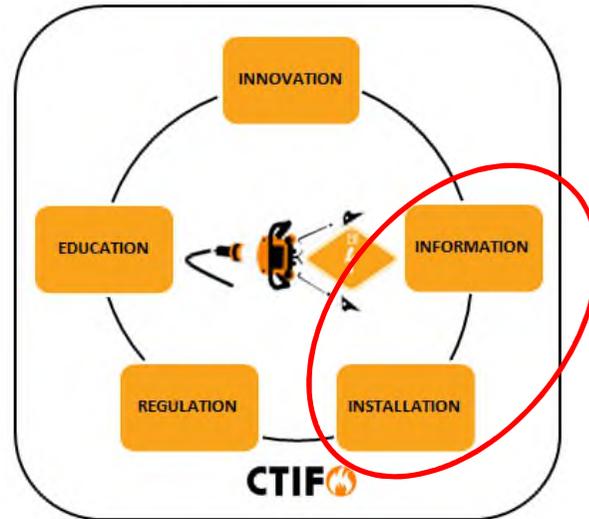
Lessons Learned from an accident involving an LNG truck

Extrication & New Technology, Hazardous Materials, Education and Training,
Communication Group, CTIF, Current Affairs |
RETEX

Attached Files

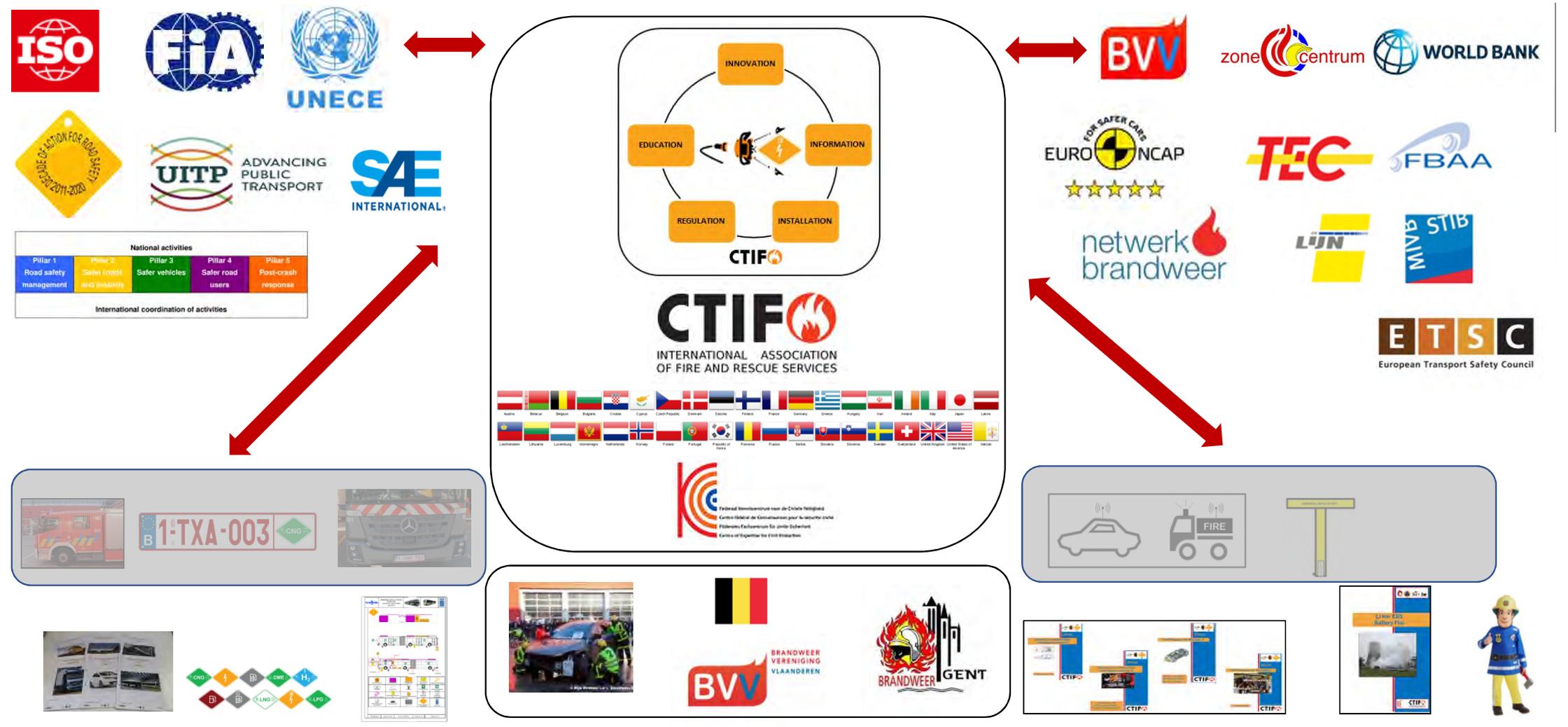
-  Download English version
-  Download French version
-  Download Dutch version





NEXT “STANDARDISATION” STEPS





CTIF
INTERNATIONAL ASSOCIATION
OF FIRE AND RESCUE SERVICES

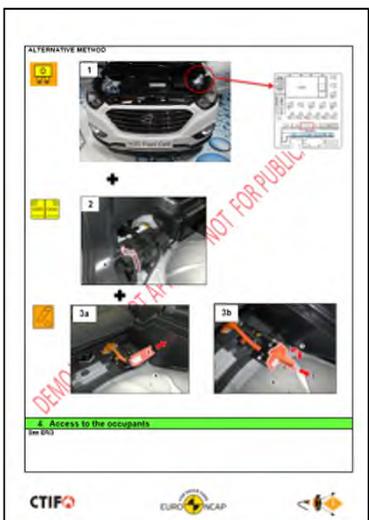
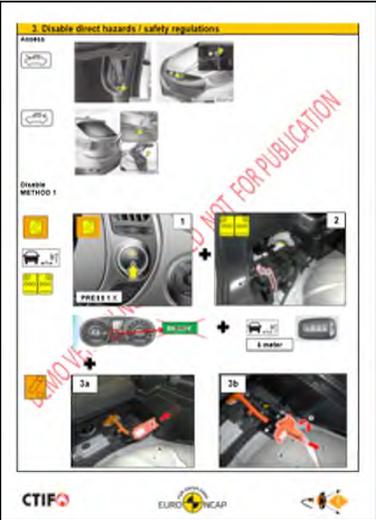
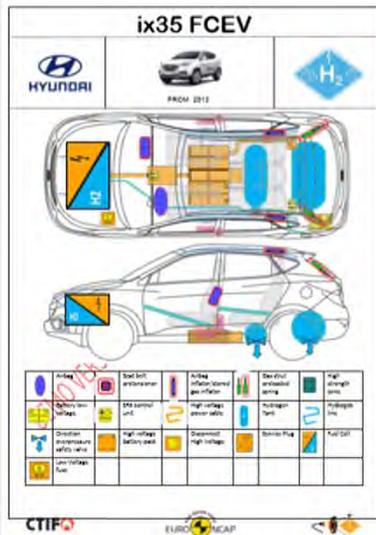


SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

UPGRADE ISO 17840 PART 1 VERSUS EURO NCAP DATABASE

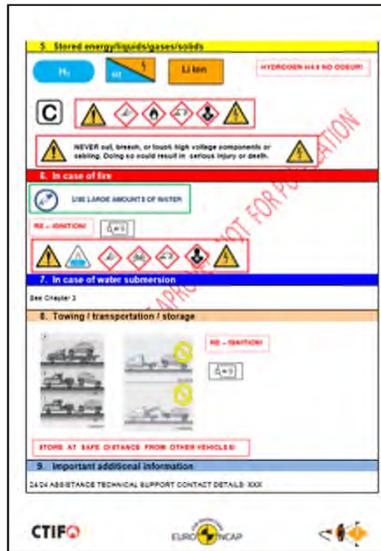


SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



Figures Kurt Vollmacher

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**5 PAGES MAX.
IN LINE WITH
PART 2,3,4**

CTIF
INTERNATIONAL ASSOCIATION OF FIRE AND RESCUE SERVICES

ACEA | European Automobile Manufacturers Association

Applus⁺ IDIADA

**RESCUE TASKFORCE
@EURO NCAP**



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

IMPLEMENTATION ISO 17840 PART 4



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



Figure Kurt Vollmacher



Figure Kurt Vollmacher

SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



Figure Kurt Vollmacher

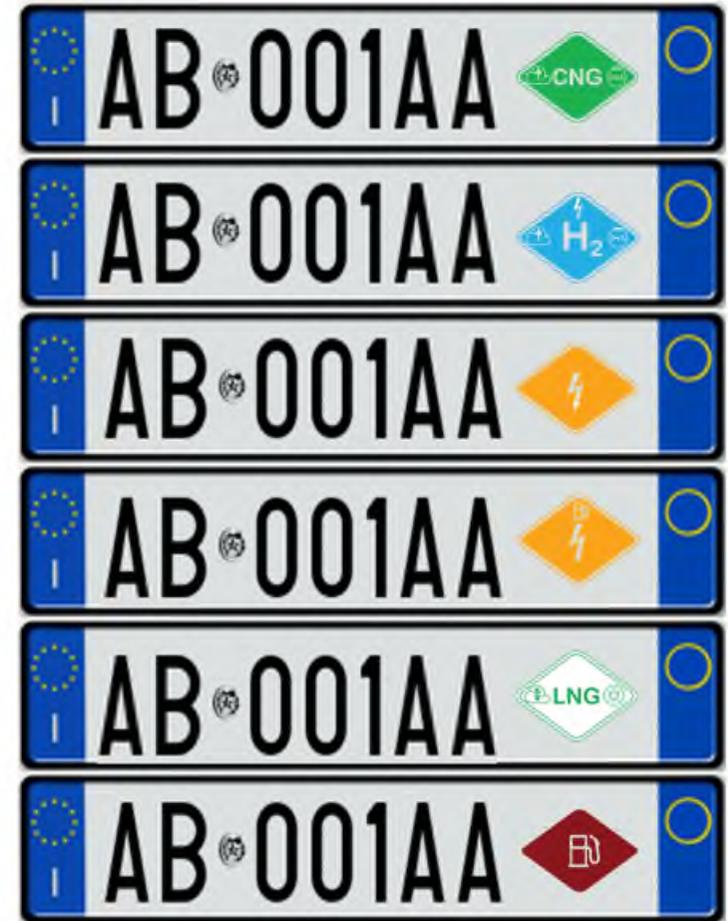


Figure Kurt Vollmacher



SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

LICENCE PLATE



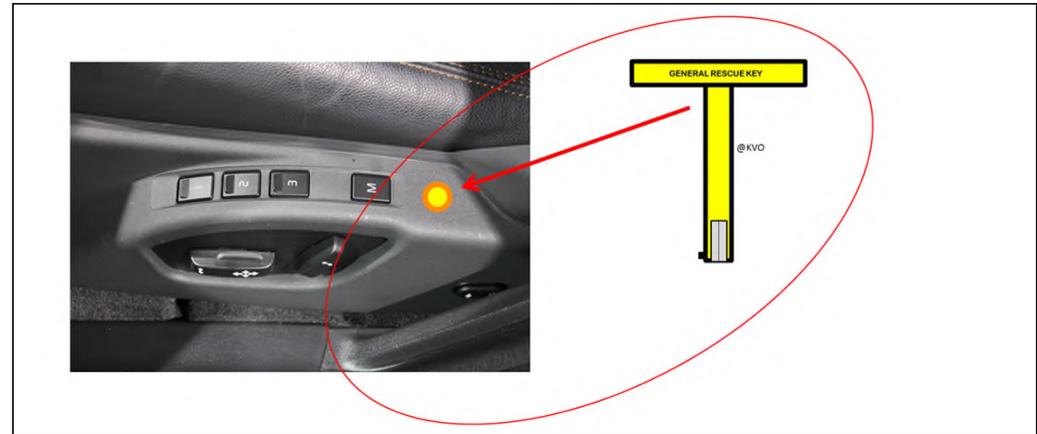
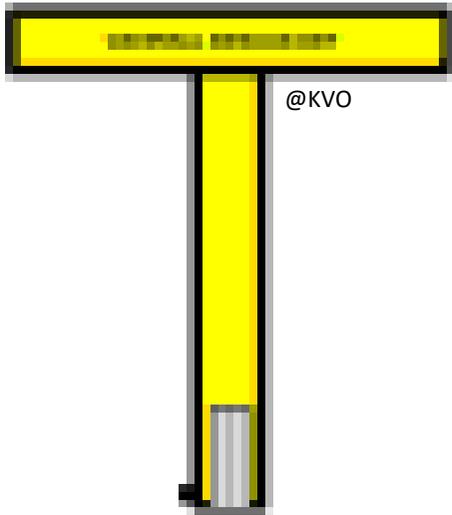
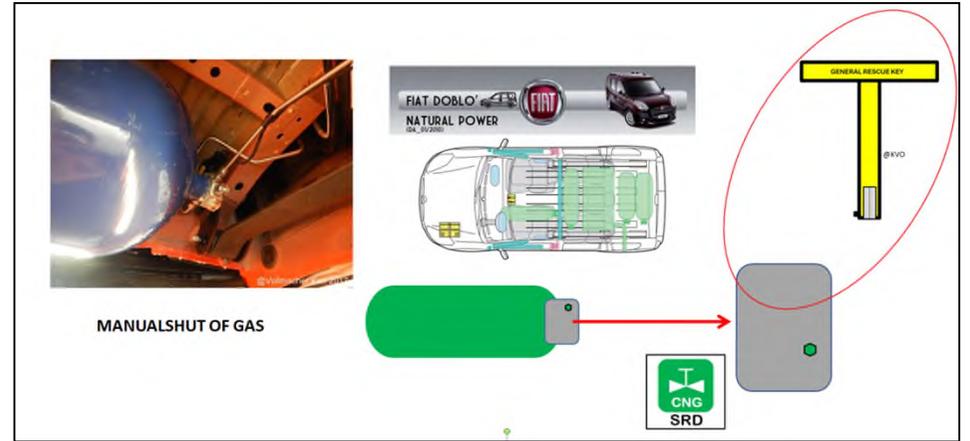
Figures Kurt Vollmacher

SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS

ISO STANDARDISATION OF INSTALLATION



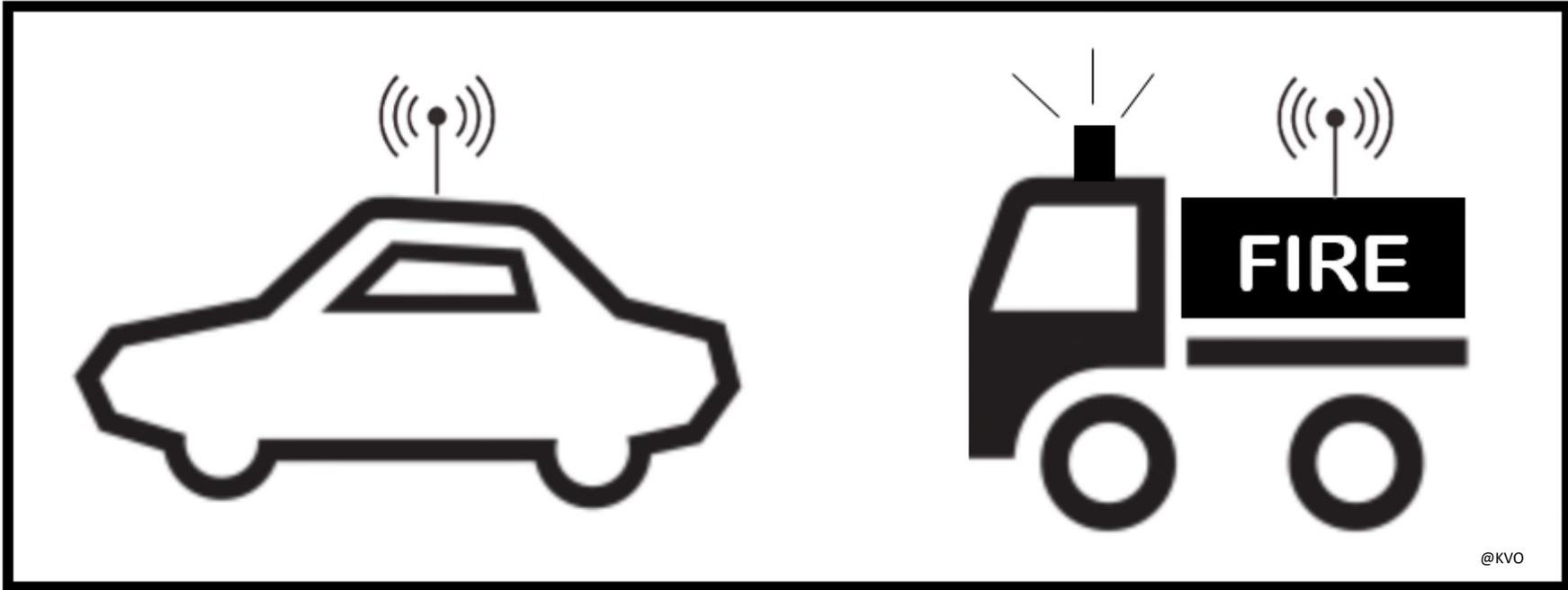
SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



DATA TRANSMISSION 'TALKING TO OUR FIRETRUCK...'

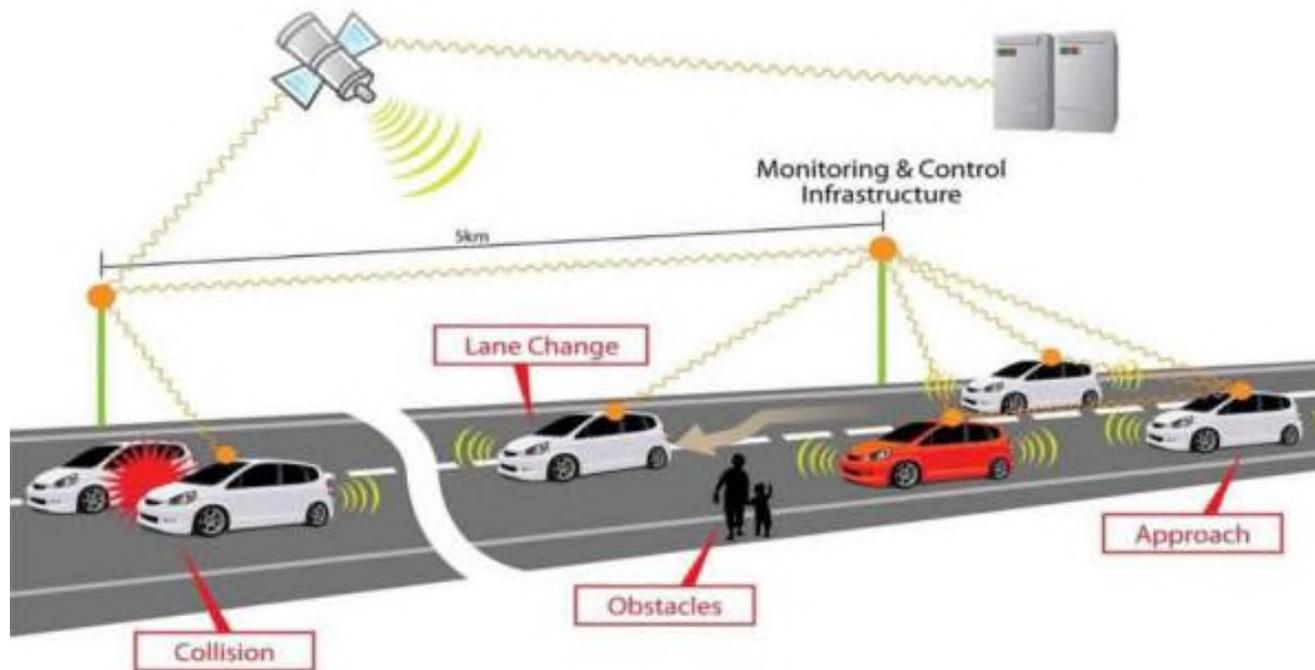


SAFER CITIZENS THROUGH SKILLED FIREFIGHTERS



Figures ISO/ Kurt Vollmacher

BASED ON VEHICLE TO VEHICLE: V2V



Vehicle to Infrastructure Technology. Image
Credit: Automobile Innovations

IDEA: VEHICLE TO FIRE TRUCK: V2FT

- Black boxes/ in-vehicle data recorders (MOBILITY AND TRANSPORT Road Safety European commission) = E CALL from 2018
- Based on Telemetry
- Signal can be read by first responders when approaching vehicle
- This by ordinary receiver in Fire Truck
- Free of charge and available for all first responders

DATA SIGNAL CONTAINS

- No “HOT” information!!!
- Exact place: GPS Coordinates
- Time frame complete accident
- Brand and type vehicle
- Propulsion Type: ISO sign pops up
- Detection
 - Leaking substances (gas, liquid)
 - Seats
 - Smoke/Fire
 - Water inside vehicle
 - Noise (voice people,...)

DATA Signal contains

- Number of persons in vehicle
- Position vehicle (on wheels/upside down...)
- Airbags diploid/seatbelts diploid/other
- ISO Rescue Sheet and ISO Rescue Guide from this vehicle
- Shut off state/ 3 D Image power lines, components in vehicle
- ...

MORE INFORMATION?

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