

# United States - Economy Report Highlights for APLMF

## Key Activities - 2018 / 2019

### Multi-unit and Variety Prepackages

- This category of prepackaged goods are extremely popular in the United States.
- Changes to NIST Handbook 133 “Checking the Net Contents of Packaged Goods” (this is the US equivalent of OIML R87).
- Changes to test procedures to reduce the difficulty to both packers and officials to apply Maximum Allowable Variations (MAVs) to these prepackages.



### Legal Metrology Issues related to Alternative-Fuel Vehicles:

- Compressed Natural Gas (CNG) Vehicles;
- Liquefied Natural Gas (LNG) Vehicles;
- Electrical Vehicles;
- Hydrogen Vehicles.



### Taximeter Code

- New code approved to adequately address emerging technologies used to assess charges based on time and/or distance measurements in taxi applications.
- New code applies to transportation network measurement systems (TNMS) and provides requirements, performance tolerances, and test procedures for use in the regulation of those types of transportation-for-hire services.



## Future Focus - 2020 & beyond

### Sub-metering

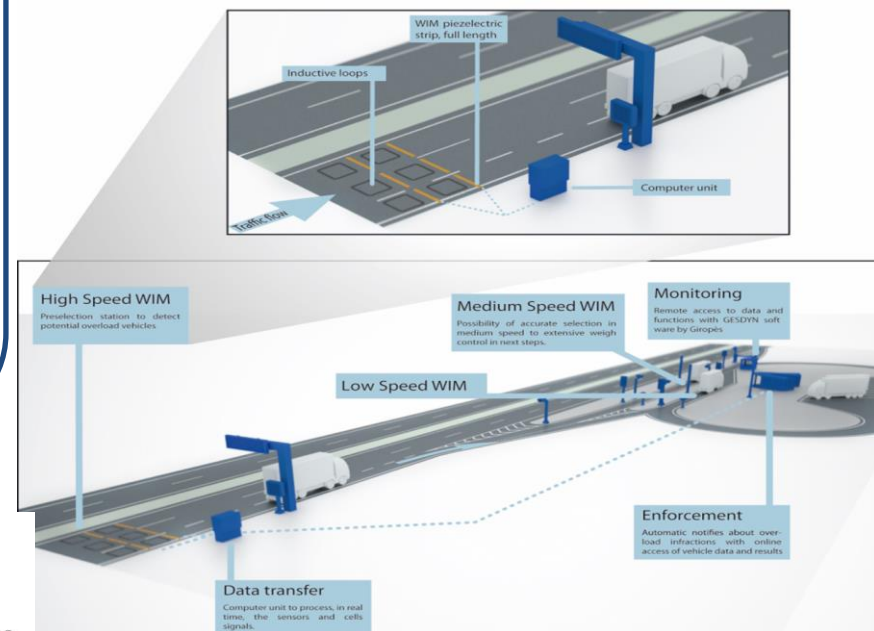
- Water, gas, and electricity sub-meters continue to be installed downstream of approved utility meters in places such as apartments, trailer parks and strip malls.
- Many meters and installations do not meet the performance and accuracy requirements for approved utility meters and are installed without the knowledge of the local regulatory authority.



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### Weigh-in-Motion Truck Scales



### Harmonize with OIML

The US is continuing the effort to harmonize its requirements in legal metrology with those of the International Organization of Legal Metrology (OIML). Because our system splits responsibility between the national government and the state governments, the National Conference on Weights and Measures (NCWM) and National Institute of Standards and Technology (NIST) are working as a team to focus attention on the need to harmonize national and international legal metrology standards.

