

How to build a safe, healthy and fair electrical market ?

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What are we going to discuss today ?

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Context

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Market, Manufacturers & Customers

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Regulations

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Conformity Assessment

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Standardization

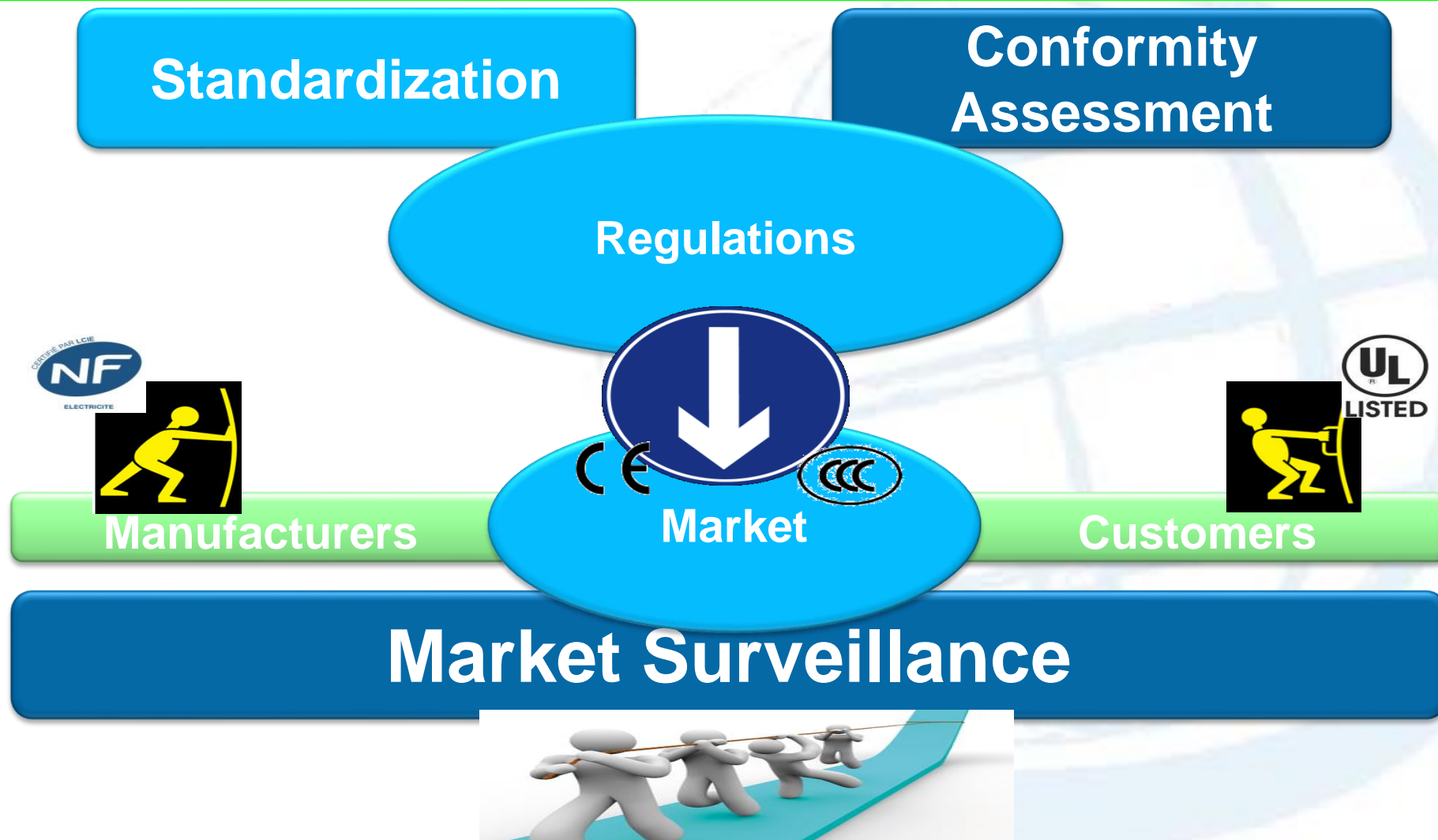
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Market Surveillance

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French Example

Context



Context



Market, Manufacturers & Customers



Market

- Must be safe, healthy, fair
- Answers to Customers / Consumers needs
- Opened to those who respect the rules

Manufacturers

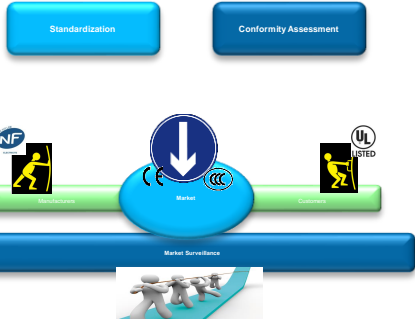
- Need to know and respect the rules
- Need common technical rules (Standards)
 - Need to make fair business

Customers

Context



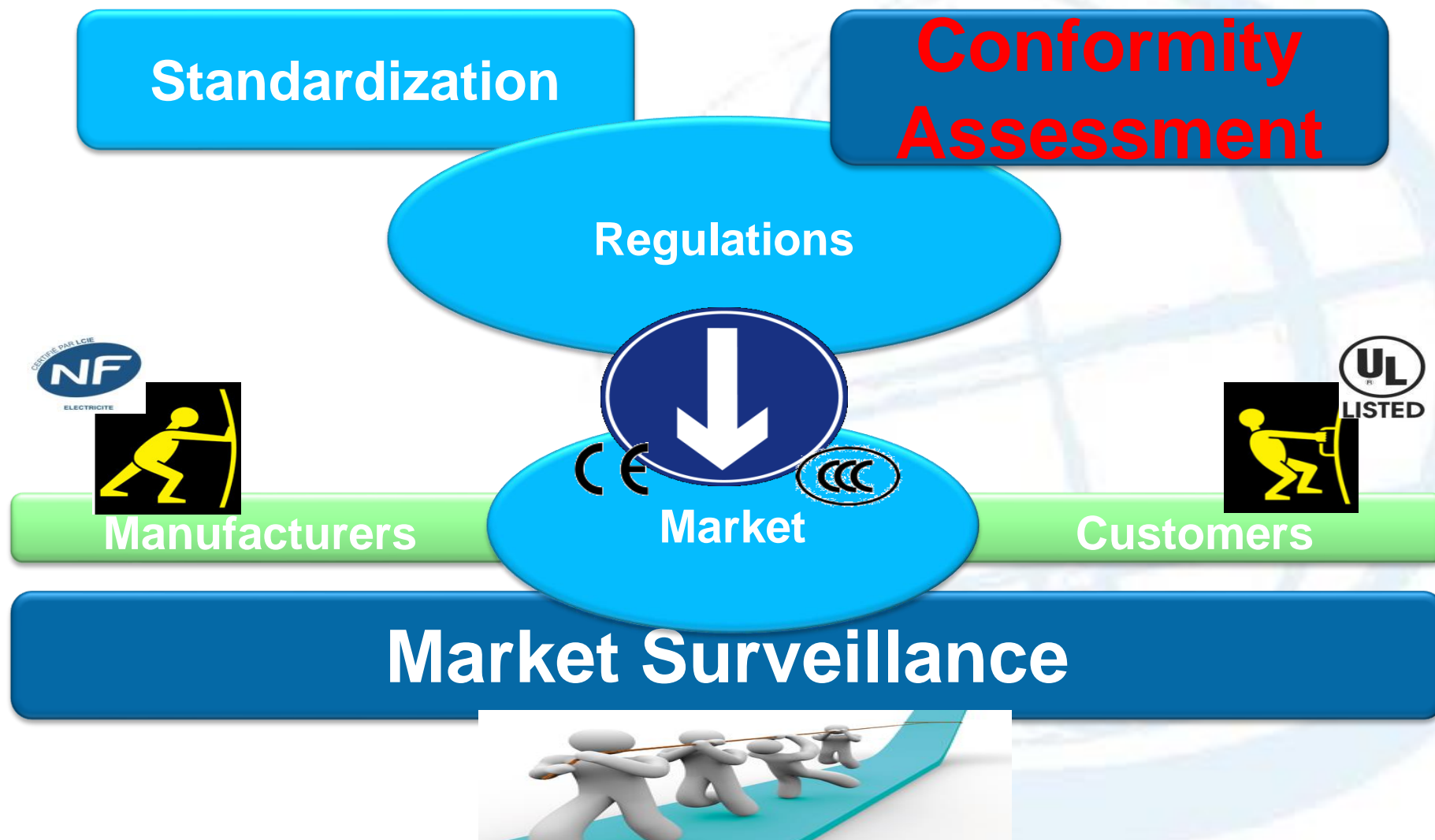
Regulations



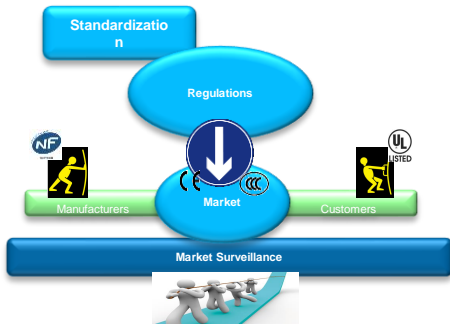
Regulations

- Give the rules to the stakeholders
- Made by governmental structures
 - Explain how to respect the rules
- Organize the Market Surveillance activities
 - Must be compliant with WTO / TBT rules

Context



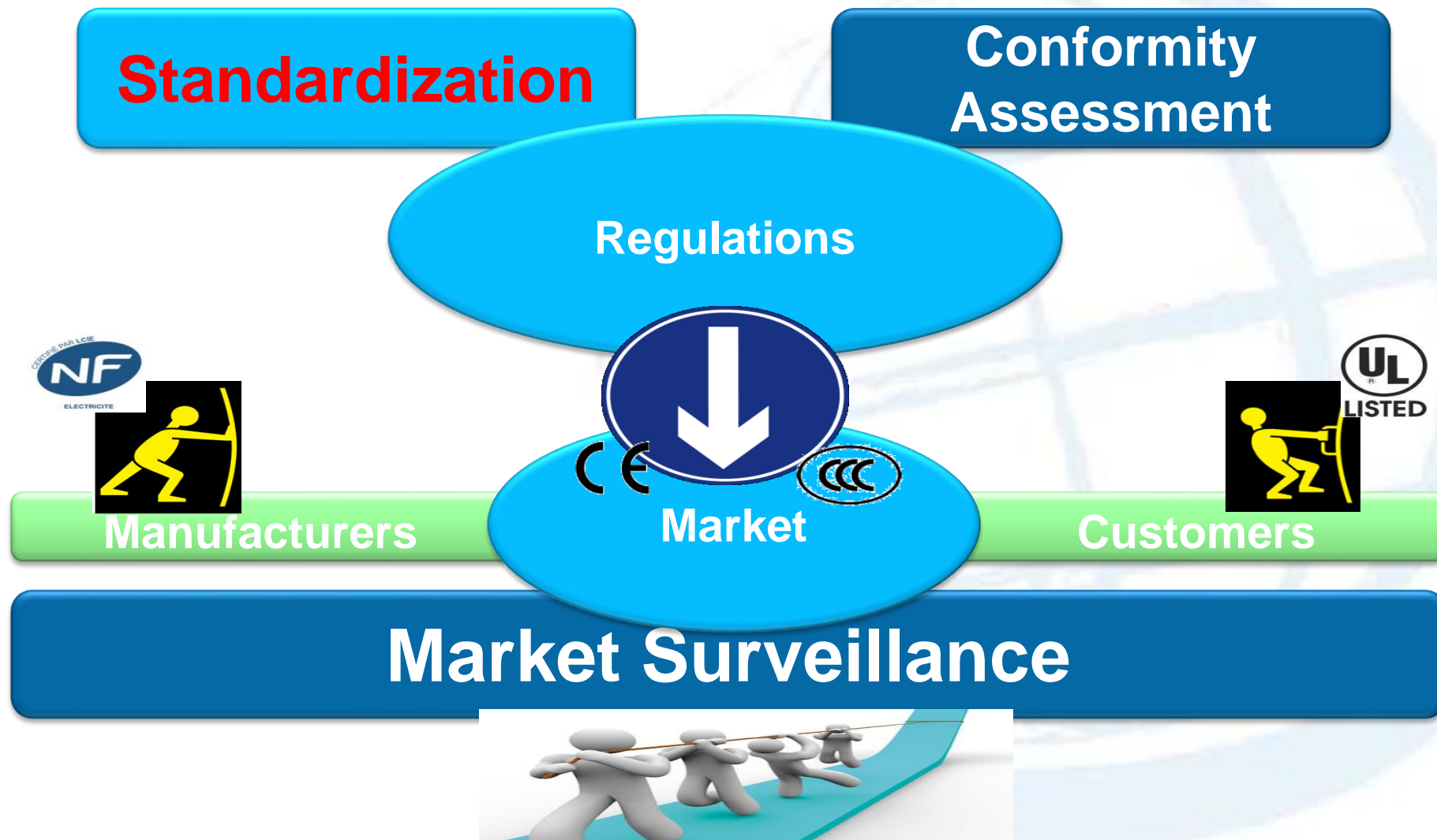
Conformity Assessment



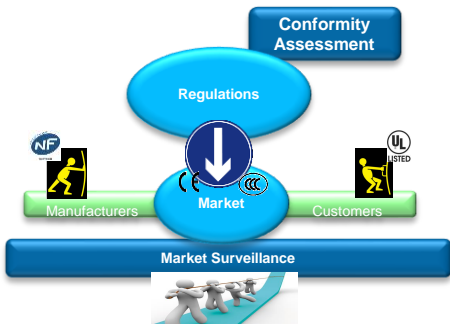
Conformity Assessment

- Explain how to demonstrate compliance to applicable rules
 - Is based on known technical rules
 - Usually international, regional or national standards
 - Can be based on International certification schemes
 - IECEE, IECEx, IECq, IECRE, ...
- 1st or 3rd party : Declaration of Conformity / Certification
 - Must be compliant with WTO / TBT rules

Context



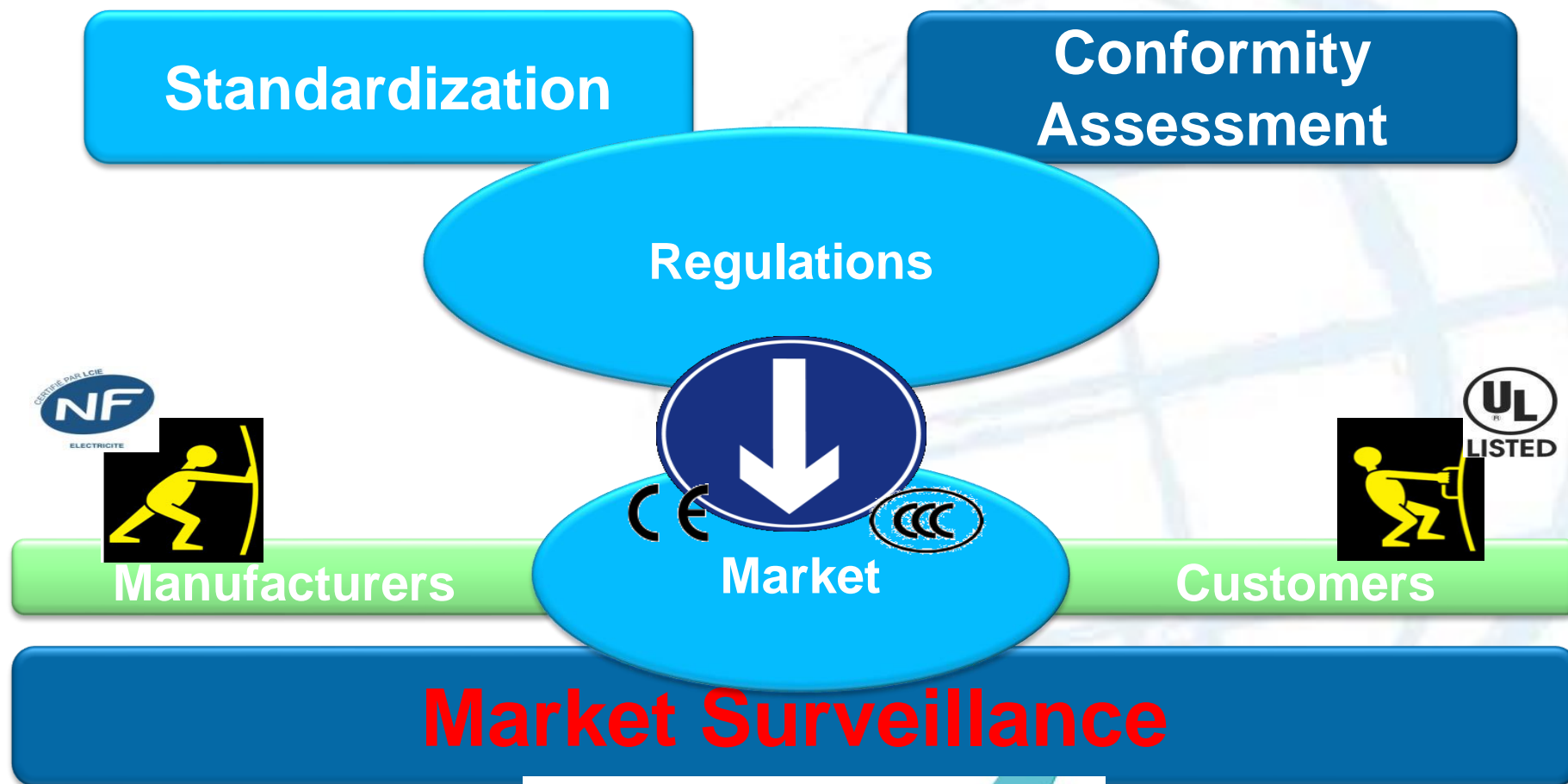
Standardization



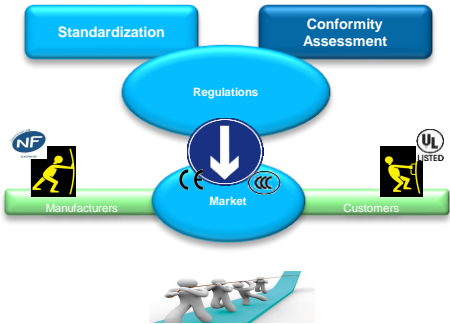
Standardization

- Done within the National Committee
- Represent the applicable technical requirements
 - Can be based on existing Standards
 - IEC, ISO, ITU, CENELEC, CEN, ETSI, NF, ...
- Must be compliant with WTO / TBT rules

Context



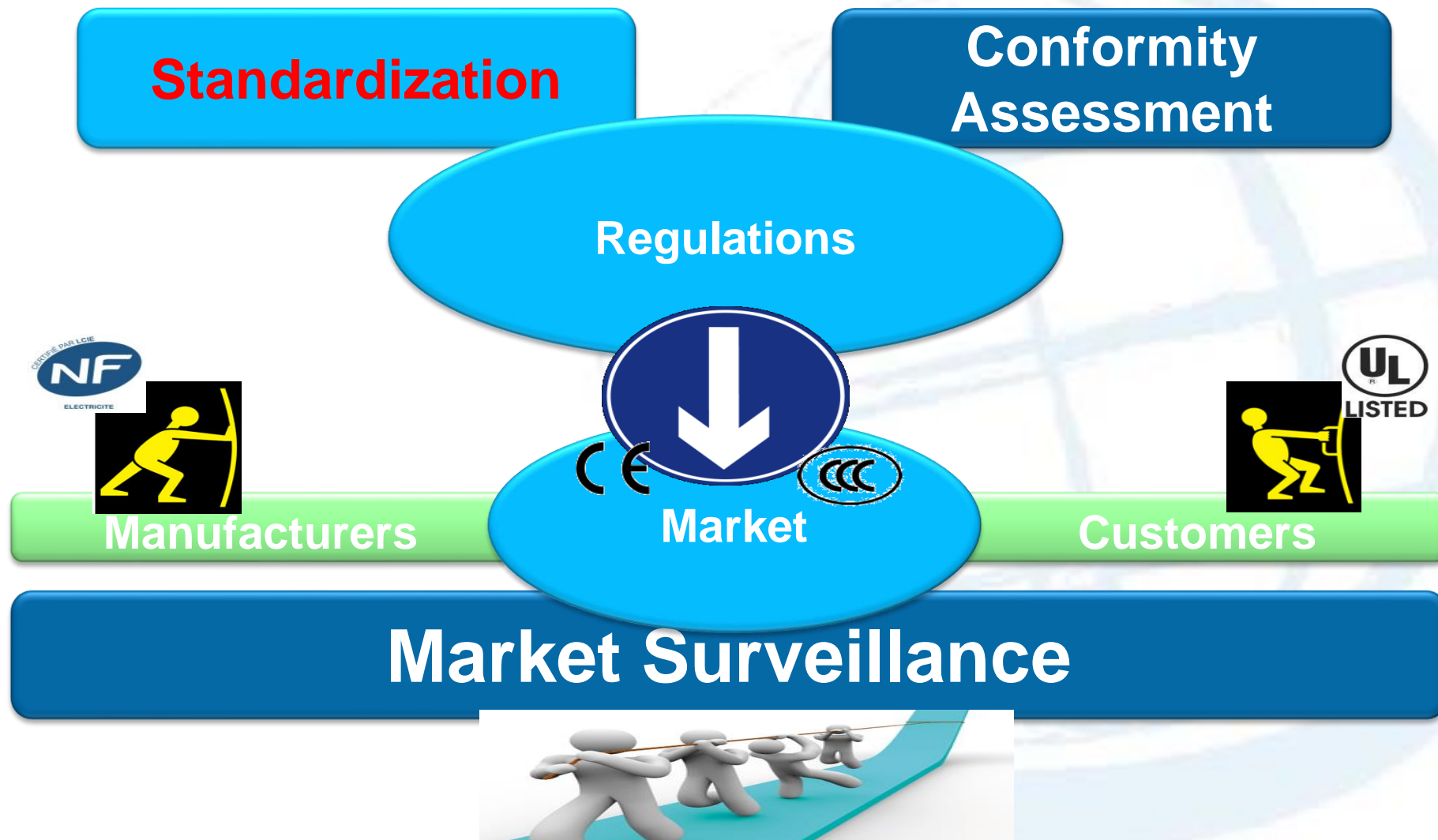
Market Surveillance



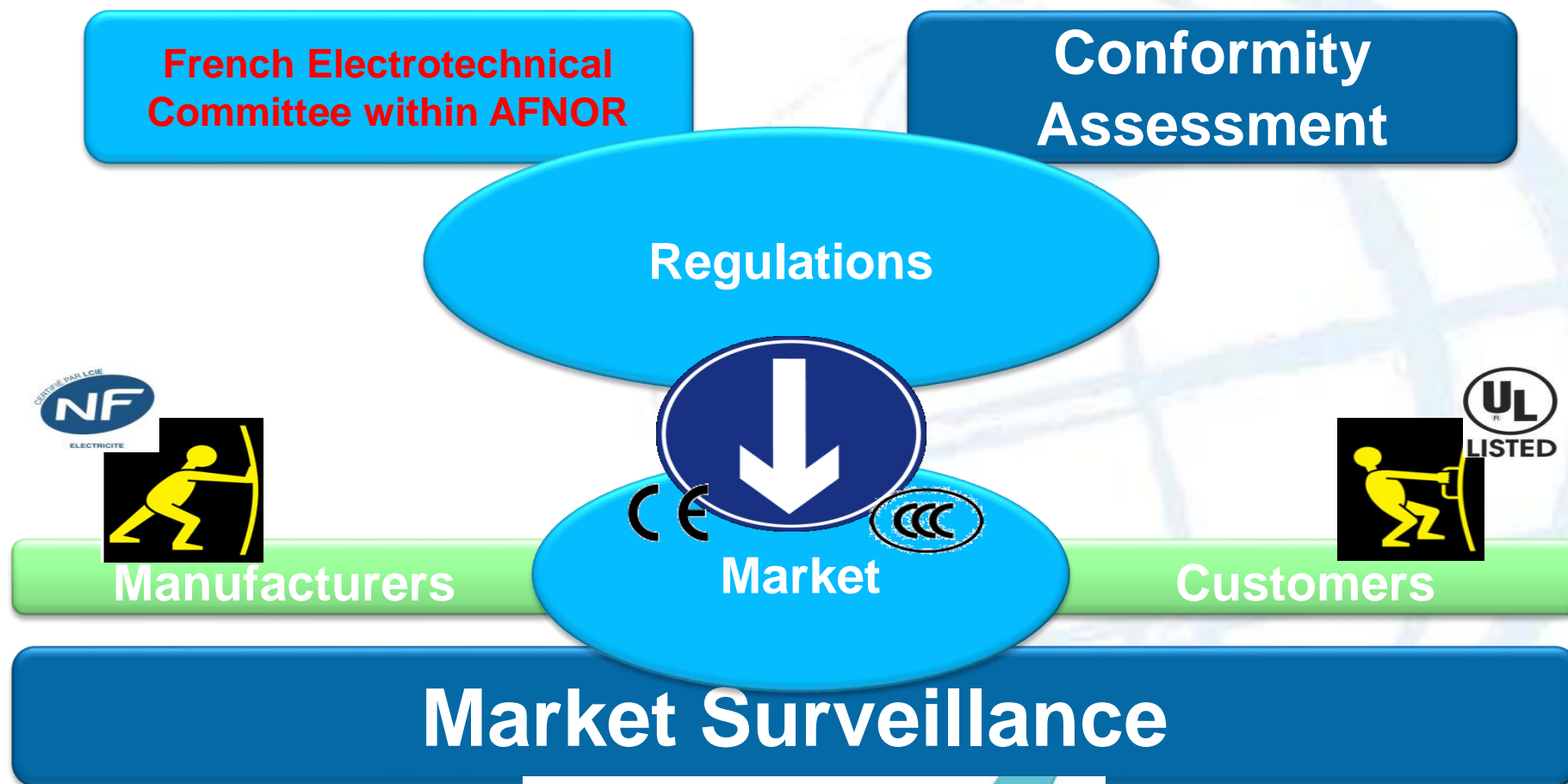
Market Surveillance

- Must ensure compliance with the rule
 - Made by Authorities
- Must be dimensioned to answer the threat
 - Can be a risk-based approach
- Fight against non compliant and counterfeited products
- Collaboration with private organization should be encouraged

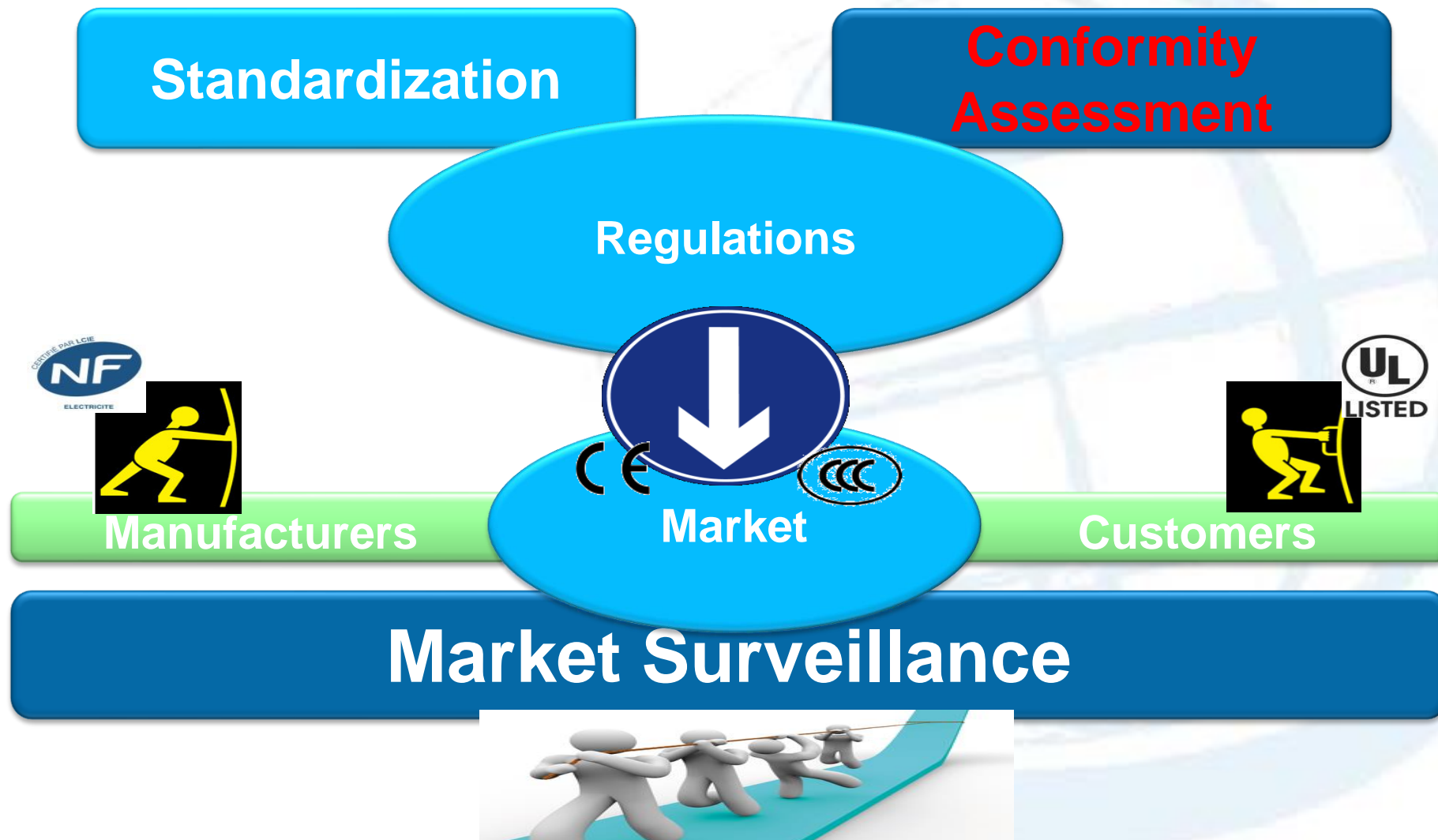
French Example



French Example



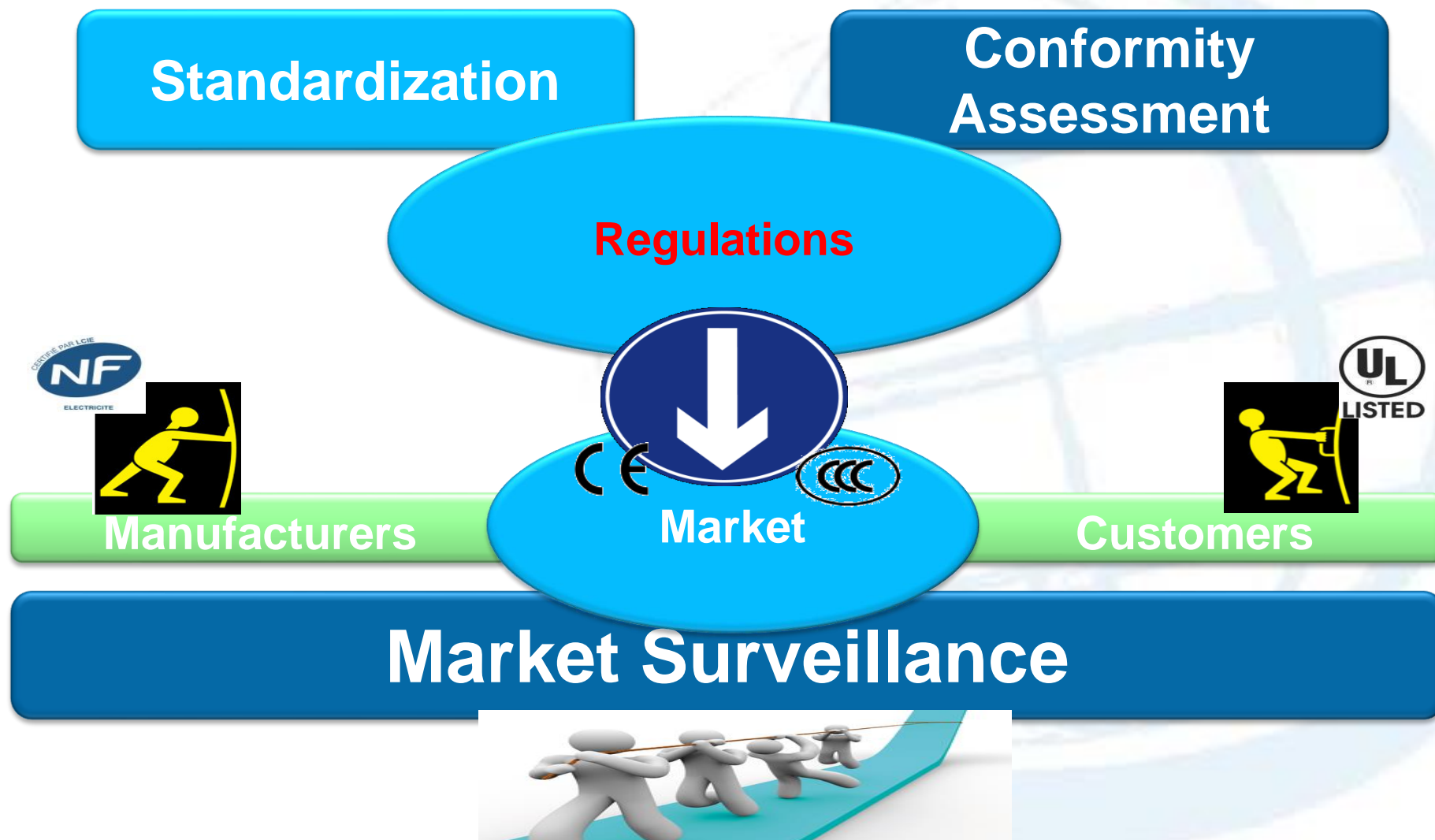
French Example



French Example



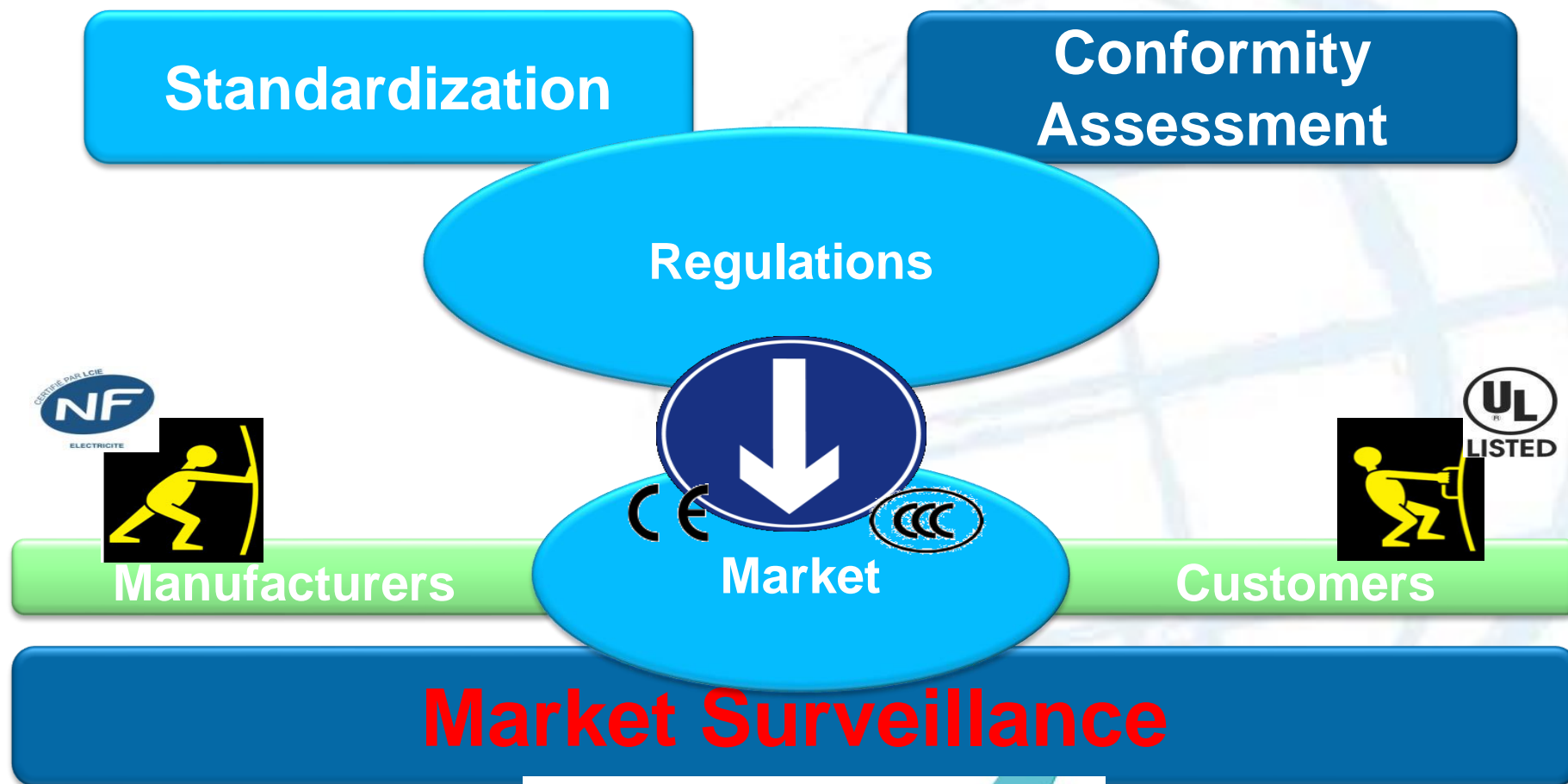
French Example



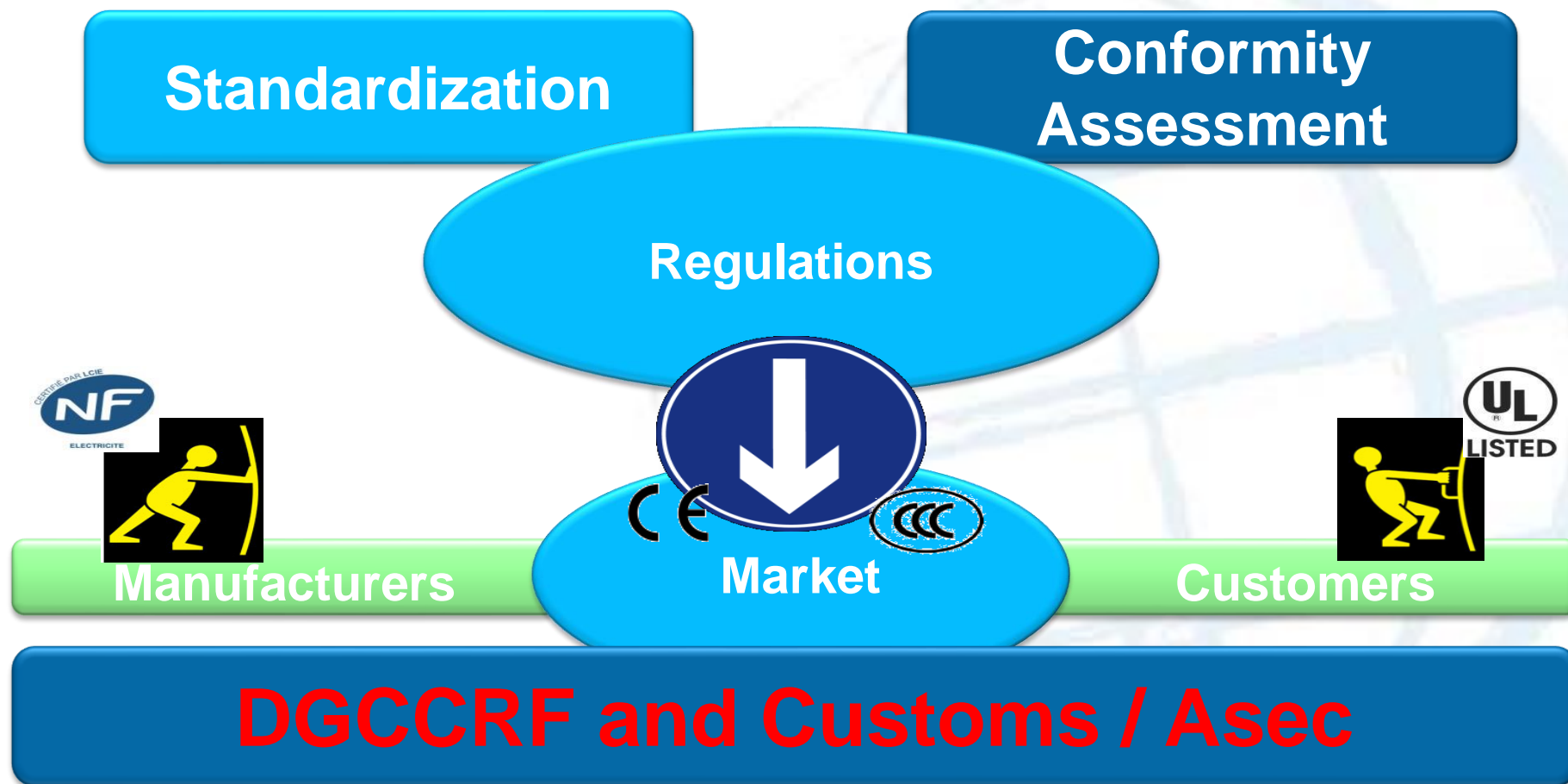
French Example



French Example



French Example



The challenges

Regulations

The heart of the system. A national challenge to be done under the Government Responsibility

Standardization


Can be done from the International System (IEC/ISO/ITU), with a zest of National Requirements

Conformity Assessment

Use of International System such as the IEC Conformity Assessment Scheme

Market Surveillance

A National prerogative developed by the Authorities. One of the strongest challenge

The background of the slide is a photograph of a power substation. It shows several tall metal pylons supporting high-voltage power lines. In the foreground, there are some lower-level structures and equipment, possibly transformers or switchgear, with some dust or debris visible in the air, suggesting a busy or perhaps slightly hazardous environment.

**If one subject is not
managed, market is
unsafe, unhealthy and
unfair**

THANK YOU

MERCI

