

A large, faint, light blue globe with a grid pattern is centered in the background of the slide.

ONSE

National Observatory for

Electrical Safety in

Dwellings in FRANCE

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Symposium Fisuel – Maroc – 11 & 12 Mai 2016

Fisuel Symposium – Morocco – 11th & 12th of May, 2016

AIMS

- Establish credible Statistics on criteria which contribute to the electrical safety in dwellings
- Share this statistics with all authorities
- Estimate the economical impacts
- 2010 is the reference year
- Propose recommendations

Targets: Regulation &
Sensitization of users of electricity

Members

Ministries
Promotelec & Consuel
Manufacturers & Utilities
Insurers & Fire-Men
Laboratories & Experts
Standardizations
Health Institute
Consumers

34 authorities

65 members

Basics Statistics

- Population
- Dwellings park & age / year of construction
- Evolution of electrical equipment in family

Diagnostics of electrical installation

- In dwellings
- In common parts of collective buildings

Dwellings fires statistics

Total dwelling fires per year

- from insurers
- from fire men

Total electrical damages

- from insurers



Localization & origin

- from experts
- from laboratories

Economical costs

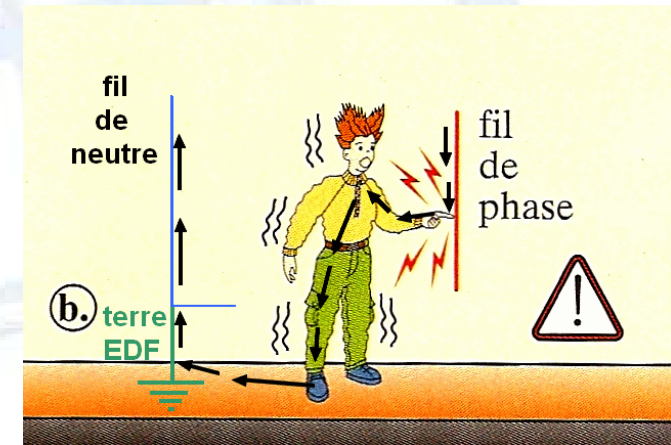
- from all contributions



Epidemiology - Human consequences

Electrifications & Electrocutions

- Linked to Electrical Accidents
- from Health Institute

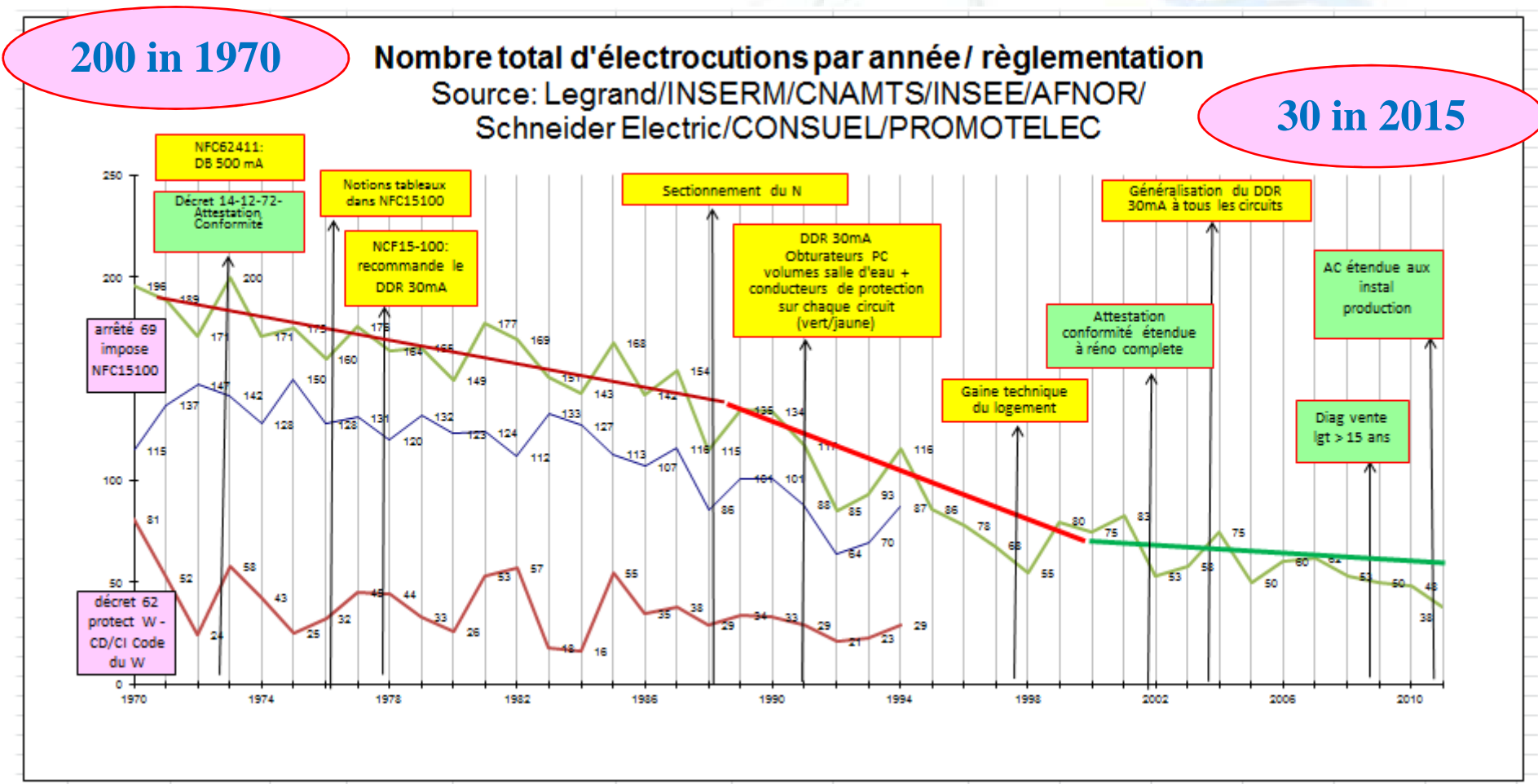


Death and injures

- Linked to Dwelling Fires
- from fire men & health Institute

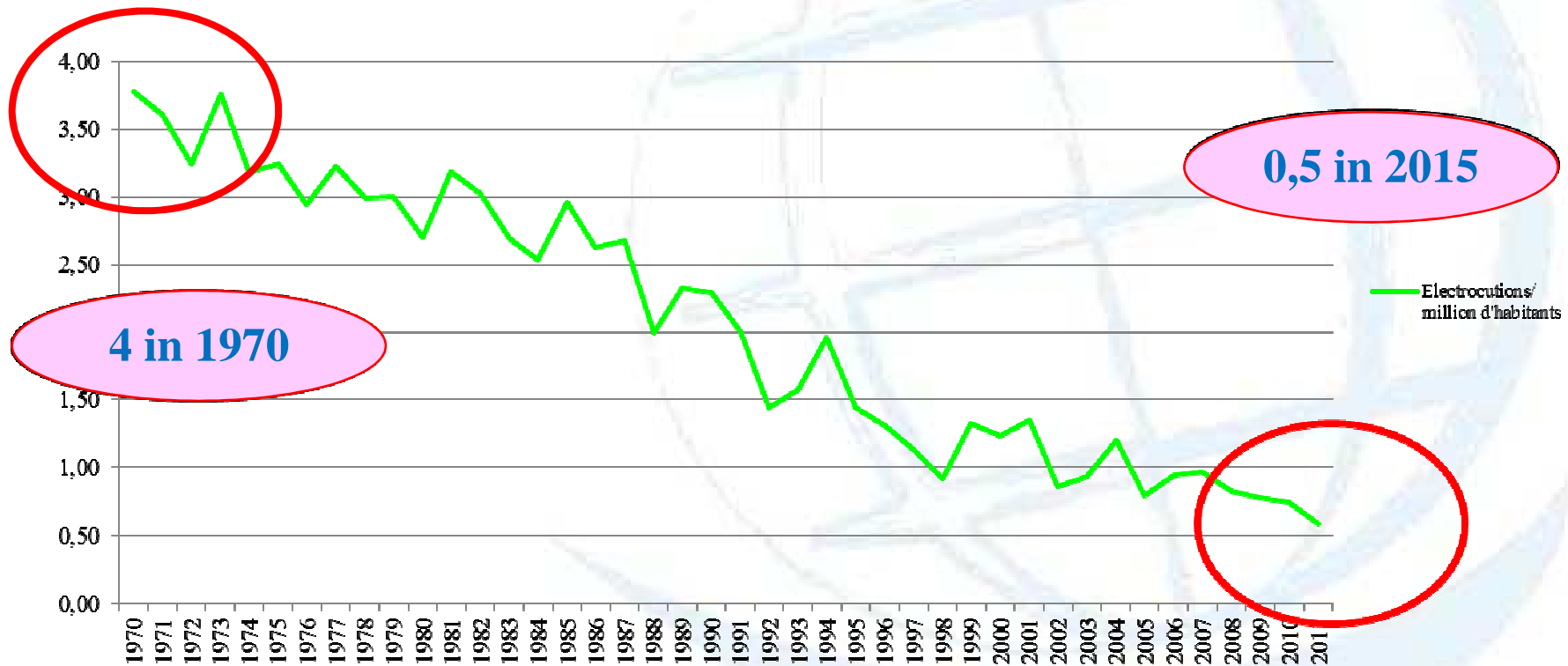


Electrocutions in France / regulation & standardisation



Ratio Electrocutions in France / million habitants

Electrocutions/ million d'habitants



Statistics – 2015 synthesis

France

Source INSEE 2014

- 66 millions habitants
- 34 millions dwellings
 - 29 Millions > 15 years
 - 10.8 Millions > 1949

Dwellings > 15 years

Source Promotelec 2013

9 / 10 with minimum
one electrical anomaly

Common parts

Source Consuel 2013

9 / 10 with minimum
one electrical anomaly

Statistics – 2015 synthesis

Dwellings fires

Source insurers 2013

Average 200 000 / year

Source Fire men 2013

Average 82 100 / year

Fires origin

Source Calyxis 2013

85% during day

50% in winter

60% in kitchen and saloon

Localisations

Source LCPP 2011

61% : electrical charges

36% : fix & mobile installs

3% : others

Tendency

Sources 6 studies - 1995 - 2014

1 on 4 = electrical sources

Statistics – 2015 synthesis

Electrical damages

Source insurers 2015

Average 500 000 per year

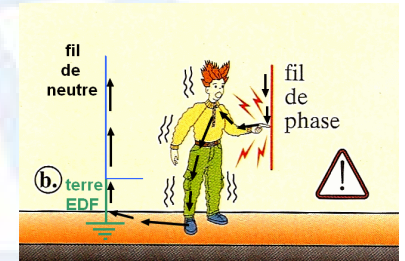


Statistics – 2015 synthesis



Epidemiology

Source Fire men – Health institute 2013



From dwellings fires

Average / year

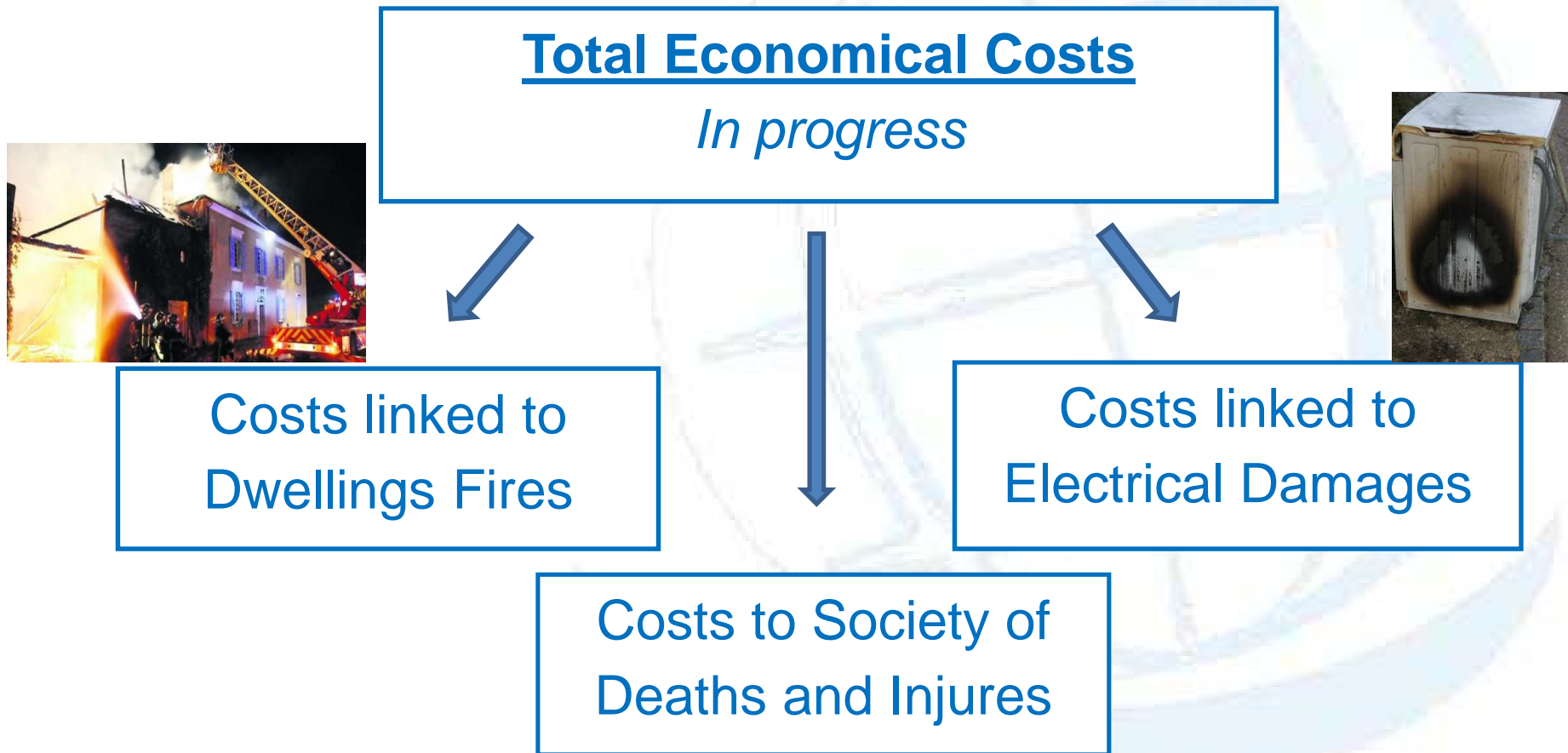
- Deaths
 - > 300 on fire place
 - + ??? at hospital
- 16 000 injures

From electrical accidents

Average / year

- 50 electrocutions
- 3000 electrifications

Statistics – 2015 synthesis





VOTE ON ISO/CD 17755-2

Date of circulation 09 March 2016	Reference number ISO/TC 92 / SC N 1164
Closing date for voting 09 June 2016	

ISO/TC 92 / SC
 Title
 Fire safety
 Secretariat BSI - GB

Circulated to P-members of the committee for voting on registration of the draft as a DIS.
P-members of the technical committee or subcommittee concerned have an obligation to vote.

Please send this form, duly completed, to the Secretariat indicated above (not to ISO Central Secretariat).

ISO/CD **17755-2**
 English title **Fire safety – Statistical data collection – Part 2: definition of terms**
 French title

THANK YOU

MERCI

