

1- Statistics

FEEDS (European Forum for Electrical Domestics Safety)

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AGENDA

1. Report
2. Structures
3. Model
4. Planning
5. Long term vision
6. Question

1. FEEDS report

First report published in 2004 (only web version)

Second report published in web and FISUEL Dropbox

Main sponsors : FISUEL, European Copper Institute

1. FEEDS report Why does it matter

In Europe 20 to 30% of all domestic fires have an electrical source (\neq origin)

If we do not step up with additional measures to improve the domestic safety soon, the issue might become even more urgent in the future

1. FEEDS report Why does it matter

Short term:

Renovation rate for EU dwellings is low

Medium term:

Europe's population is ageing rapidly

The generation of local electricity through PV panels become popular

Heat pumps, Electrical vehicles, ... (demand will increase)

Storage

1. FEEDS report Conclusions:

The fight against hazardous domestic electrical installations is far from being won in all EU countries.

Especially since the trends are towards an amplification of the phenomenon while the uses of domestic electricity continue to diversify and develop.

1. FEEDS report Conclusions:

In any case, the first positive results regarding the improvement of renovation rate or safety of old electrical installations appear in the countries where the statistical quantification of the phenomenon has been carried out.

In those countries, measures have been taken to generalise the condition assessment of the old electrical installations and to inform their owner about this condition.

1. FEEDS report Conclusions:

Per year	# population	# dwellings	BNP (% of EU-28)	# residential fires		# electrical residential fires		% of fires from electrical origin	# fire accidents (all residential fires)	
				Fires reported	Total number of fires	Electric fires reported	Total number of electric fires		Fatalities	Injuries

1. FEEDS report Conclusions:

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				Fires reported	Total number of fires	Electric fires reported	Total number of electric fires		Fatalities	Injuries
Austria	8.665.550	3.778.180	127	10.277	25.692	2.569	6.423	25	38	1.395
Belgium	10.449.361	4.372.881	117	11.894	29.736	2.974	7.434	25	43	1.682
Denmark	5.581.503	2.790.751	124	7.590	18.976	1.898	4.744	25	28	898
Finland	5.476.922	2.908.245	108	7.910	19.776	1.978	4.944	25	29	882
France	66.259.012	27.259.012	106	82.100	200.000	20.525	50.429	25	310	15.830
Germany	80.854.408	41.550.300	125	104.400	261.000	26.100	65.250	25	413	13.014
Ireland	4.892.305	1.815.045	145	4.938	12.344	1.234	3.086	25	18	787
Luxemburg	570.252	221.828	271	603	1.508	151	377	25	2	92
Netherlands	16.947.904	6.921.070	129	18.826	47.064	4.706	11.766	25	69	2.728
Sweden	9.801.616	4.763.585	123	12.957	32.392	3.239	8.098	25	47	1.578
United Kingdom	64.088.222	27.767.000	110	100.000	250.000	20.000	51.369	20	268	7.776
Bulgaria	7.186.893	2.874.757	46	2.603	6.508	651	1.627	25	91	4.652
Croatia	4.464.844	1.785.938	58	1.618	4.044	404	1.011	25	56	2.890
Czech Republic	10.627.448	4.537.920	85	4.109	10.272	1.027	2.568	25	143	6.879
Estonia	1.265.420	613.729	74	555	1.388	139	347	25	19	819
Hungary	9.897.541	4.246.045	68	3.845	9.612	961	2.403	25	134	6.406
Latvia	1.986.705	915.871	64	829	2.072	207	518	25	29	1.286
Lithuania	2.884.433	1.124.929	74	1.019	2.548	255	637	25	35	1.867
Poland	38.562.189	14.282.292	69	22.319	55.800	3.236	8.090	14,50	450	24.690
Romania	21.666.350	7.769.601	57	7.037	17.592	1.759	4.398	25	245	14.024
Slovakia	5.445.027	1.775.079	77	1.608	4.020	402	1.005	25	56	3.524
Slovenia	1.983.412	710.061	83	643	1.608	161	402	25	22	1.284
Cyprus	1.189.197	493.517	81	568	1.420	142	355	25	12	165
Greece	10.775.643	6.384.353	71	7.344	18.360	1.836	4.590	25	150	1.492
Italy	61.855.120	24.141.324	95	27.773	69.432	6.943	17.358	25	571	8.565
Malta	413.965	144.474	89	166	416	42	104	25	3	57
Portugal	10.825.309	5.661.637	77	6.514	16.284	1.628	4.071	25	134	1.499
Spain	48.146.134	25.382.000	92	30.000	75.000	7.300	18.250	24	625	6.667
EU	512.762.685	226.991.424	100	480.045	1.194.864	112.467	281.654	25	4040	133.428

1. FEEDS report Conclusions:

	Population	N of dwellings	Electrical fires
North EU	273 587 055	124 147 897	213 920
C. & E EU	105 970 262	40 636 222	23 006
South EU	133 205 368	62 297 305	44 727
EU total	512 762 685	227 081 424	281 653

1. FEEDS report Conclusions:

Where public policies in that direction have been the subject of a cost-benefit assessment, they have in any case proved positive, both for the parties concerned and for the community as a whole.

2. FEEDS structure

Members:

1. Fire Brigades: FEU + local, European Fire Safety Alliance
2. Insurances: Prevention Forum
3. Consumers: ANEC, International Union of Tenants
4. Institutions: Dutch Burn Foundation, ESF, Fisuel
5. Industry: Europacable, CECAPI, AIE, ECI

3.Model

Based on our knowledge, for a given country in EU, the following findings were made:

- Fires reported: intervention of Fire Brigade
- Total number of fires: 2.5 x fires reported according to Insurance Companies
- Fires from electrical source: 20 to 30% of total number of fires (25% retained into the methodology used)

4. Planning

Plenary meetings

Bruxelles	4/5/2018
Paris	5/3/2018
Barcelona	4/10/2018

WG 1 Statistics

Revision by FB (8/3/2018) Revision by Insurances
(12/04/2018)

WG2 Best practice questionnaire approved and will be
send to the members of TC 64

5. Long term vision

1. FEEDS is recognised at the EU level as partner in the fire safety debate
2. Link with Energy Poverty
3. Develop Economic Model
4. Participation to the FIEP (Eu Fire Information Exchange Platform)
5. Fire safety weeks (prevention, detection, protection)

6. Question

