



1918

TALLINNA TEHNIKAÜLIKOOL

TALLINN UNIVERSITY OF TECHNOLOGY

Energiasäästuvõistluse hindamine

Villu Vares

TTÜ STI, hindamisžürii liige

Mida hinnati

- Energiasäästu kampaaniate läbiviimist
- Mõõdetud energiasäästu hoonetes, kus senine tarbimine oli alla 219 kWh/m²
- Mõõdetud energiasäästu hoonetes, kus senine tarbimine oli üle 219 kWh/m²



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Kes ja kuidas hindasid

- Rahvusvaheline žürii, mille algne koosseis esimees oli plaanitud suuremana, kuid hindamisest Dessaus võttis osa 9 žürii liiget 9-st riigist
- Žürii esimees oli Roman Babut Poolast
- Žüriile esitati valik võitjakandidaate, keda hinnati 10-palliskaalas

Energiasäästu kampaaniad

- 20 kampaaniat deklareeritud
- 4 kampaaniat oli võistlusest välja arvatud puuduva info kohta
- Kampaaniate korraldajad maade poolt oli saadetud mõne slaidi ulatuses info, mis loeti kohapeal ette:
 - 1. concept
 - 2. actions
 - 3. fun and appreciation
 - 4. dissemination.
- Ettekannete stiil oli erinev, täiendavaid küsimusi sai esitada ainult ettelugejale

Kategooria kuni 219 kWh/m², algne

Building name		Saving climate based	Saving climate based with employee heated area in/decrease factor	Electrical Saving	Heat Saving climate based
Võxjö kommun	SE	10,32%	#VALUE!	18,71%	3,66%
Coop Sverige	SE	12,12%	#VALUE!	6,59%	20,13%
Siófok városi önkormányzat irodaházja	HU	0,66%	#VALUE!	26,87%	-100,07%
Edificio Unilever	ES	-6,74%	61,74%	-6,74%	#DIV/0!
AC Mouscron	BE	52,95%	48,94%	16,14%	59,12%
METROPOLE HABITAT	FR	38,75%	38,74%	30,80%	47,13%
Starostwo Konin	PL	35,69%	37,37%	-20,48%	49,03%
Campus Grönsvik 1	SE	30,76%	30,76%	37,61%	17,93%
Library Silistra	BG	28,43%	29,15%	38,89%	26,87%
Municipio Grimandi	IT	27,53%	27,53%	71,23%	9,70%
CA Puy-en-Velay	FR	27,23%	27,23%	29,54%	24,26%
Olympus Europa	DE	21,65%	25,22%	-17,63%	76,53%
Umweltamt Graz	AT	24,84%	24,84%	29,59%	23,09%
RWE Stoen WK	PL	23,48%	23,88%	91,17%	1,92%
Bergbahnen Kitzbuehel	AT	22,88%	23,80%	41,99%	15,28%
Oxbow	FR	20,68%	22,51%	20,68%	#DIV/0!
solvay	BE	33,73%	21,12%	23,31%	38,73%
Bürogebäude Neunkirchen	AT	19,02%	20,80%	13,73%	22,76%

Seoses kahtlustega, et mõned esitatud säästutulemused olid saavutatud investeeringute toel, vajas žürii lisainfot



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Kategooria kuni 219 kWh/m², pärast lisainfo saamist

Building name		large investments during the contest	investments before the contest	savings resulting from investments to be factored out	achieved savings estimated by the participants (in most cases information given only on heat or electricity)	Saving climate based with employee heated area in/decrease factor - with the declared investments factored out	Saving climate based	Saving climate based with employee heated area in/decrease factor	Electrical Saving	Heat Saving climate based	Saving climate based in kwh
Bergbahnen Kitzbuehel	AT	no				23,80%	22,88%	23,80%	41,99%	15,28%	302805,46
Bürogebäude Neunkirchen	AT	yes		7,00%		17,64%	19,02%	17,64%	13,73%	17,35%	212969,35
CA Puy-en-Velay	FR	no				27,23%	27,23%	27,23%	29,54%	24,26%	3692463,82
Campus Grönsvik 1	SE	yes		17,00%		19,44%	30,76%	19,44%	26,38%	6,44%	922919,15
Library Silistra	BG	no				29,15%	28,43%	29,15%	38,89%	26,87%	502179,96
Olympus Europa	DE	no				25,22%	21,65%	25,22%	-17,63%	76,53%	120182770,8
RWE Stoen WK	PL	no	yes			23,88%	23,48%	23,88%	91,17%	1,92%	1762428,35
solvay	BE	no	yes			21,12%	33,73%	21,12%	23,31%	38,73%	129242604,0
Starostwo Konin	PL	no	yes	30,00%		25,01%	35,69%	25,01%	-20,48%	33,74%	2192253,44
Umweltamt Graz	AT	no				24,84%	24,84%	24,84%	29,59%	23,09%	352179,72



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Kategooria üle 219 kWh/m², algne

Building name		Saving climate based	Saving climate based with employee heated area in/decrease factor	Electrical Saving	Heat Saving climate based
General Motors Italia	IT	99,86%	99,91%	99,86%	#DIV/0!
Edificio Consum	ES	-19,86%	91,05%	-19,86%	#DIV/0!
Norwich Union Central Services	GB	84,73%	84,87%	98,17%	59,91%
Administracinės patalpos	LT	78,11%	82,37%	78,11%	#DIV/0!
Campus Gr - svik 5	SE	18,16%	73,06%	-6,17%	44,39%
Karliskrona kommun	SE	68,74%	68,74%	99,74%	9,65%
Dexia Insurance Belgium - VDL	BE	65,22%	67,54%	6,60%	100,00%
City service Administration 2	LT	33,61%	50,05%	-43,70%	98,88%
GM Ruesselsheim N60	DE	44,59%	44,59%	30,57%	58,63%
CG42ROANNE	FR	40,46%	41,65%	32,18%	44,18%
Dzukijos statyba administracija	LT	37,31%	40,03%	37,31%	#DIV/0!
Protectia Mediului Harghita	RO	37,47%	38,08%	-77,11%	43,94%
Primăria Orasului Bălan	RO	17,30%	33,26%	85,40%	-7,52%
CG42 st etienne	FR	31,50%	31,50%	14,97%	35,73%
Computerend	RO	13,01%	30,01%	-107,24%	37,90%
peahoone	EE	16,89%	28,34%	0,00%	25,73%
CAP AMPERE	FR	25,62%	27,00%	25,62%	#DIV/0!
Municipio Ravarino	IT	25,25%	26,11%	70,77%	8,17%
hansa	EE	13,65%	25,14%	17,48%	5,92%
DDE 42	FR	24,56%	24,56%	25,02%	24,44%
I-51	PL	24,34%	24,30%	95,27%	-9,33%
Municipio Sant'Agata	IT	23,19%	24,24%	56,13%	1,46%
Edificio Orange	ES	-3,42%	22,72%	-3,42%	#DIV/0!
AC watermael - boitsfort	BE	22,70%	22,68%	98,13%	12,60%
Fővárosi Vízművek irodaépülete	HU	18,34%	20,55%	0,90%	30,11%
PERNOD RICARD	FR	13,40%	20,06%	13,40%	#DIV/0!
NAM hoofdkantoor	NL	3,28%	19,61%	-3,10%	11,65%

Seoses kahtlustega, et mõned esitatud säästutulemused olid saavutatud investeeringute toel, vajas žürii lisainfot

IKAÜLIKOOL
OF TECHNOLOGY

Kategooria üle 219 kWh/m², pärast lisainfo saamist

Building name		large investments during the contest	investments before the contest	savings resulting from investments to be factored out	achieved savings estimated by the participants (in most cases information given only on heat or electricity)	Saving climate based with employee heated area in/decrease factor - including the clarifications	Saving climate based
CG42ROANNE	FR	no				41,65%	40,46%
Dzukijos statyba administracija	LT		yes			40,03%	37,31%
Primăria Orasului Bălan	RO	no				33,26%	17,30%
Computerend	RO	no				30,01%	13,01%
peahoone	EE	no				28,34%	16,89%
CAP AMPERE	FR	no				27,00%	25,62%
Municipio Ravarino	IT	no				26,11%	25,25%
Protectia Mediului Harghita	RO	yes		15,00%		25,08%	37,47%
CG42 st etienne	FR	no	yes	14,00%		24,33%	31,50%
GM Ruesselsheim N60	DE		yes		12,50%	21,54%	44,59%



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Võitjad säästu kategooriates

- Category: < 219 kWh heat + electrical
 - 1. Library Silistra
 - 2. CA Puy-en-Velay
 - 3. Olympus Europa
- Category: > 219 kWh heat + electrical
 - 1. CG42ROANNE
 - 2. AS Eesti Krediidipank
 - 3. Dzukijos statyba administracija