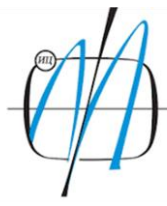


Inovativni okvir za ubrzanje
zelene energetske tranzicije u domaćinstvima
Forward-Looking Framework for Accelerating
Households' Green Energy Transition – FF GreEN

Rezultati ankete / Survey Results

Radni paket 3/ Work Package 3



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REZULTATI ANKETE / SURVEY RESULTS					
Br.	Pitanja i ponuđeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
1	Tip stambenog objekta u kome živite?	1	Type of residential building you live in?	n	%
a	Kuća	a	House	670	64,86
b	Zgrada	b	Building	333	32,24
c	Zgrada u nizu	c	Building in a row	30	2,90
2	Površina stambene jedinice koja se GREJE (m2)?	2	Surface area of the residential unit that is HEATED (m2)	n	%
a	do 40	a	to 40	212	20,52
b	41-60	b	41-60	308	29,82
c	61-80	c	61-80	188	18,20
d	81-120	d	81-120	206	19,94
e	120+	e	120+	117	11,33
f	Ne znam	f	I don't know	2	0,19
3	Energent koji se koristi za grejanje (ukoliko je više od jednog, zaokružiti samo jedan koji je dominantan) ?	3	Energy source used for heating (if more than one, select the dominant one)?	n	%
a	Ogrevno drvo	a	Firewood	426	41,24
b	Daljinsko grejanje	b	District heating	229	22,17
c	Električna energija (kotao, TA peć, grejalice i sl.)	c	Electricity (boiler, storage heater, heaters, etc.)	135	13,07
d	Prirodni gas	d	Natural gas	123	11,91
e	Pelet	e	Pellets	63	6,20
f	Ugalj	f	Coal	26	2,52
g	Toplotne pumpe - Električna energija	g	Heat pumps - Electricity	25	2,42
h	Lož ulje, mazut	h	Fuel oil	3	0,29
i	Ostalo	i	Other	3	0,29
4	Prema konfiguraciji, sistem grejanja je?	4	According to the configuration, the heating system is?	n	%
a	Lokalna grejna tela (grejalica, kamin, šporet i sl.)	a	Local heating devices (heater, fireplace, stove, etc.)	488	47,24
b	Centralno grejanje	b	Central heating	545	52,76

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
5	Klasifikacija sistema grejanja u domaćinstvima	5	Household heating system classification	n	%
a	Kotlovi na čvrsta goriva	a	Solid fuel stoves	338	32,78
b	Peći i šporeti na čvrsta goriva	b	Solid fuel boilers	117	11,33
c	Električni kotlovi	c	Electric heaters	107	10,36
d	Električne grejalice	d	Electric boilers	28	2,71
e	Kotlovi na prirodni gas	e	Natural gas stoves	34	3,29
f	Peći na prirodni gas	f	Natural gas boilers	89	8,62
g	Kotlovi na pelet	g	Pellet stoves	9	0,87
h	Peći na pelet	h	Pellet boilers	54	5,23
i	Daljinsko grejanje	i	District heating	229	22,17
j	Toplotne pumpe	j	Heat pumps	25	2,42
k	Kotlovi na tečna goriva	k	Liquid fuel boilers	3	0,29
6	Koliko goriva potrošite tokom grejne sezone? (upisati količinu u kWh, m3, t, kg, ... ili iznos mesečnog računa u dinarima)	6	How much fuel do you consume during the heating season? (enter quantity in kWh, m3, t, kg, ... or monthly bill amount in dinars)	n	%
x	Pitanje otvorenog tipa	x	Open-Ended Questions	x	x
7	Starost sistema grejanja koji je u upotrebi?	7	Age of the heating system in use?	n	%
a	1-5	a	1-5	217	21,01
b	6-10	b	6-10	197	19,07
c	11-15	c	11-15	122	11,81
d	16-20	d	16-20	85	8,23
e	20+	e	20+	412	39,88

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	Br.
8	Pored osnovnog izvora energije za grejanje, da li se koristi i električna energija za dogrevanje i koliko otprilike dana godišnje?	8	In addition to the basic source of energy for heating, is electricity also used for additional heating and approximately how many days a year?	n	%
a	Ne koristim	a	Do not use	700	67,76
b	15 dana	b	15 days	133	12,88
c	30 dana	c	30 days	89	8,62
d	60 dana	d	60 days	47	4,55
e	Više od 60 dana	e	More than 60 days	64	6,20
9	Kako biste okarakterisali komfor trenutnog sistema grejanja?	9	How would you characterize the thermal comfort of the current heating system?	n	%
a	Nedovoljno toplo	a	Insufficiently warm	107	10,36
b	Normalno	b	Normal	839	81,22
c	Pretoplo	c	Overly warm	87	8,42
10	Da li imate sistem hlađenja (klima uređaj) u vašoj kući/stanu?	10	Do you have a cooling system (air conditioner) in your house/apartment?	n	%
a	DA	a	YES	538	52,08
b	NE	b	NO	495	47,92
11	Koliko ukupno dana tokom godine koristite sistem za hlađenje?	11	How many days per year do you use the cooling system?	n	%
a	Ne koristim	a	Do not use	571	55,28
b	Do 30 dana	b	Up to 30 days	187	18,10
c	30-60 dana	c	30-60 days	179	17,33
d	60-90 dana	d	60-90 days	90	8,71
e	90-120 dana	e	90-120 days	36	3,48
12	Kolika je prosečna potrošnja električne energije na mesečnom nivou (bez grejanja) (u kWh, ako ne zna - može i u dinarima)?	12	What is the average monthly electricity consumption (excluding heating) (in kWh, if unknown, in dinars)?	n	%
x	Pitanje otvorenog tipa	x	Open-Ended Questions	x	x

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	Br.
13	Da li vodite računa o potrošnji i štedite energiju?	13	Do you monitor and save energy consumption?	n	%
a	Redovno	a	Regularly	682	66,02
b	Ponekad	b	Sometimes	274	26,52
c	Nikad	c	Never	77	7,45
14	Koje mere energetske efikasnosti ste sproveli u poslednjih 10 godina?	14	What energy efficiency measures have you implemented in the last 10 years?	n	%
a	Zamena prozora	a	Window replacement	265	25,65
b	Izolacija spoljnih zidova	b	Insulation of external walls	54	5,23
c	Izolacija krova	c	Roof insulation	12	1,16
d	Zamena prozora i izolacija spoljnih zidova	d	Window replacement and insulation of external walls	111	10,75
e	Zamena prozora, izolacija spoljnih zidova i izolacija krova	e	Window replacement, insulation of external walls, and roof insulation	95	9,20
f	NIšta od navedenog	f	None of the above	496	48,02
15	Da li posedujete uslove za instaliranje solarnih panela (fizička dostupnost krova i južno orijentisan krov)? Ukoliko da, da li ste voljni da instalirate solarne panele?	15	Do you have conditions for installing solar panels (physical availability of roof and south-facing roof)? If yes, are you willing to install solar panels?	n	%
a	NE posedujem uslove	a	Do not have conditions	670	64,86
b	DA, posedujem uslove, ali NISAM voljan	b	YES, have conditions but NOT willing	165	15,97
c	DA, posedujem uslove i VOLJAN sam	c	YES, have conditions and WILLING	84	8,13
d	DA, posedujem uslove i VOLJAN sam u slučaju SUBVENCije za kupovinu panela	d	YES, have conditions and WILLING in case of a subsidy for panel purchase	114	11,04

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
16	Prilikom promene načina grejanja, Da li ste voljni da investirate u mere energetske efikasnosti i moderniji sistem grejanja (baziran na obnovljivim izvorima energije (npr. biomasa (briketi, pelet) ili da ugradite toplotnu pumpu)?	16	In case of changing the heating method, are you willing to invest in energy efficiency measures and a more modern heating system (based on renewable energy sources, e.g., biomass (briquettes, pellets) or to install a heat pump)?	n	%
a	Voljan/na sam i spreman sam da zbog toga platim 50% više od najjeftinije instalacije na fosilno gorivo =1	a	Willing and ready to pay 50% more than the cheapest fossil fuel installation	125	12,10
b	Do 40% više	b	Up to 40% more	35	3,39
c	Do 30% više	c	Up to 30% more	46	4,45
d	Do 20% više	d	Up to 20% more	48	4,65
e	Do 10% više	e	Up to 10% more	49	4,74
f	Nisam voljan/na (0%)	f	Not willing (0%)	730	70,67
17	Da li biste u slučaju SUBVENCije odmah zamenili sistem grejanja za ekološku prihvatljiviju opciju? Ukoliko je odgovor DA, kolika bi ta subvencija trebala da bude u procentima (%)?	17	Would you immediately replace the heating system for an environmentally friendly option in case of a subsidy? If YES, what percentage should the subsidy be?	n	%
a	DA - subvencija 25%	a	YES - subsidy 25%	51	4,94
b	DA - subvencija 50%	b	YES - subsidy 50%	107	10,36
c	DA - subvencija preko 50%	c	YES - subsidy over 50%	285	27,59
d	NE bih u slučaju subvencije menjao/la način grejanja	d	Would NOT change the heating method in case of subsidy	591	57,21

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses					
18	U kojoj meri ste spremni da prihvatite smanjenje životnog standarda kako biste doprineli zaštiti životne sredine?	18	To what extent are you willing to accept a reduction in living standards to contribute to environmental protection?	n	%				
				a	Veoma spreman/na	a	Very willing	149	14,42
				b	Prilično spreman/na	b	Quite willing	225	21,78
				c	Ni spreman/na, ni nespreman/na	c	Neither willing nor unwilling	236	22,85
				d	Prilično nespreman/na	d	Quite unwilling	173	16,75
				e	Ne znam/ne mogu da procenim	e	Do not know/cannot assess	250	24,20
19	Koja od sledećih kategorija je najbliža Vašoj proceni sadašnjih prihoda Vašeg domaćinstva?	19	Which of the following categories best describes your current household income?	n	%				
				a	Dobro živimo od sadašnjih prihoda	a	Living well with current income	249	24,10
				b	Snalazimo se sa sadašnjim prihodima	b	Managing with current income	531	51,40
				c	Teško izdržavamo sa sadašnjim prihodima	c	Struggling with current income	139	13,46
				d	Veoma teško izdržavamo sa sadašnjim prihodima	d	Struggling a lot with current income	65	6,29
				e	Ne znam/ne mogu da procenim	e	Do not know/cannot assess	49	4,74
20	Prema Vašem mišljenju koliki uticaj ima zagađenja životne sredine na Vaš svakodnevni život i Vašeg okruženja?	20	In your opinion, how much does environmental pollution impact your daily life and your surroundings?	n	%				
				a	Veoma jak uticaj	a	Very strong impact	384	37,17
				b	Umeren	b	Moderate	264	25,56
				c	Slab	c	Weak	147	14,23
				d	Bez uticaja	d	No impact	143	13,84
				e	Ne znam/ne mogu da procenim	e	Do not know/cannot assess	95	9,20

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
21	Koji bi od ovih pristupa u Srbiji (po Vašem mišljenju) bio najbolji način da se navedu pojedinci i njihove porodice da štite okolinu?	21	Which of these approaches in Serbia (in your opinion) would be the best way to encourage individuals and families to protect the environment?	n	%
a	Velike novčane kazne za ljude koji zagađuju okolinu	a	Big fines for people who pollute the environment	480	46,47
b	Nagraditi ljude koji štite prirodnu okolinu putem poreskih olakšica	b	Reward people who protect the environment through tax relief	197	19,07
c	Omogućiti bolje informisanje i prosvjećivanje ljudi u pogledu prednosti zaštite prirodne okoline	c	Provide better information and education about the benefits of protecting the environment	181	17,52
d	Ne znam/ne mogu da se odlučim	d	Do not know/cannot decide	175	16,94
22	Na skali od 1 do 5, koliko imate poverenje u resorna ministarstva (za finansije, energetiku i zaštitu životne sredine) (1 - nemam poverenje, 5 - apsolutno imam poverenje)	22	On a scale from 1 to 5, how much trust do you have in relevant ministries (finance, energy, and environmental protection)? (1 - no trust, 5 - complete trust)	n	%
a	1	a	1	222	21,49
b	2	b	2	98	9,49
c	3	c	3	204	19,75
d	4	d	4	134	12,97
e	5	e	5	213	20,62
f	Ne znam	f	I don't know	162	15,68
23	Na skali od 1 do 5, koliko imate poverenje u lokalnu samoupravu (1 - nemam poverenje, 5 - apsolutno imam poverenje)	23	On a scale from 1 to 5, how much trust do you have in the local government? (1 - no trust, 5 - complete trust)	n	%
a	1	a	1	290	28,07
b	2	b	2	126	12,20
c	3	c	3	187	18,10
d	4	d	4	102	9,87
e	5	e	5	169	16,36
f	Ne znam	f	I don't know	159	15,39

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
24	Ocenite sledeću tvrdnju: Interesi kolektiva uvek moraju biti važniji od interesa pojedinca.	24	Evaluate the following statement: The interests of the collective should always be more important than individual interests.	n	%
a	U potpunosti se slažem	a	Strongly agree	543	52,57
b	Delimično se slažem	b	Somewhat agree	262	25,36
c	Delimično se ne slažem	c	Somewhat disagree	64	6,20
d	U potpunosti se ne slažem	d	Strongly disagree	56	5,42
e	Ne mogu da procenim/Ne znam	e	Do not know/cannot assess	108	10,45
25	Ocenite sledeću tvrdnju: U većini slučajeva aktivno planiram svoju budućnost i budućnost svog domaćinstva.	25	Evaluate the following statement: In most cases, I actively plan my future and the future of my household.	n	%
a	U potpunosti se slažem	a	Strongly agree	452	43,76
b	Delimično se slažem	b	Somewhat agree	282	27,30
c	Delimično se ne slažem	c	Somewhat disagree	59	5,71
d	U potpunosti se ne slažem	d	Strongly disagree	90	8,71
e	Ne mogu da procenim/Ne znam	e	Do not know/cannot assess	150	14,52
26	Ocenite sledeću tvrdnju: Nema svrhe da činim ono što mogu za životne sredine ukoliko i drugi ne čine to isto.	26	Evaluate the following statement: There is no point in doing what I can for the environment if others are not doing the same.	n	%
a	U potpunosti se slažem	a	Strongly agree	215	20,81
b	Delimično se slažem	b	Somewhat agree	173	16,75
c	Delimično se ne slažem	c	Somewhat disagree	110	10,65
d	U potpunosti se ne slažem	d	Strongly disagree	430	41,63
e	Ne mogu da procenim/Ne znam	e	Do not know/cannot assess	105	10,16

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	Br.
27	Ocenite sledeću tvrdnju: Mnoge od tvrdnji o ugroženosti životne sredine su preterane.	27	Evaluate the following statement: Many claims about environmental threats are exaggerated.	n	%
a	U potpunosti se slažem	a	Strongly agree	201	19,46
b	Delimično se slažem	b	Somewhat agree	268	25,94
c	Delimično se ne slažem	c	Somewhat disagree	148	14,33
d	U potpunosti se ne slažem	d	Strongly disagree	274	26,52
e	Ne mogu da procenim/Ne znam	e	Do not know/cannot assess	142	13,75
28	Ocenite sledeću tvrdnju: Postoje važnije stvari kojima bi se trebalo baviti u životu nego štiti životnu sredinu.	28	Evaluate the following statement: There are more important things in life than protecting the environment.	n	%
a	U potpunosti se slažem	a	Strongly agree	204	19,75
b	Delimično se slažem	b	Somewhat agree	336	32,53
c	Delimično se ne slažem	c	Somewhat disagree	155	15,00
d	U potpunosti se ne slažem	d	Strongly disagree	239	23,14
e	Ne mogu da procenim/Ne znam	e	Do not know/cannot assess	99	9,58