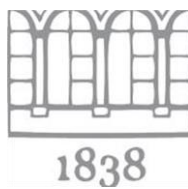
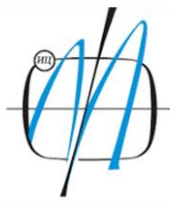


Inovativni okvir za ubrzanje  
zelene energetske tranzicije u domaćinstvima  
Forward-Looking Framework for Accelerating  
Households' Green Energy Transition – FF GreEN

## 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	
<b>1</b>	<b>Tip stambenog objekta u kome živite?</b>	<b>1</b>	<b>Type of residential building you live in?</b>	<b>n</b>	<b>%</b>
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
<b>2</b>	<b>Površina stambene jedinice koja se GREJE (m2)?</b>	<b>2</b>	<b>Surface area of the residential unit that is HEATED (m2)</b>	<b>n</b>	<b>%</b>
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
<b>3</b>	<b>Energent koji se koristi za grejanje (ukoliko je više od jednog, zaokružiti samo jedan koji je dominantan) ?</b>	<b>3</b>	<b>Energy source used for heating (if more than one, select the dominant one)?</b>	<b>n</b>	<b>%</b>
a	Ogrevno drvo	a	Firewood	426	41,24
b	Daljinsko grejanje	b	District heating	235	22,75
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	116	11,23
e	Pelet	e	Pellets	64	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
<b>4</b>	<b>Prema konfiguraciji, sistem grejanja je?</b>	<b>4</b>	<b>According to the configuration, the heating system is?</b>	<b>n</b>	<b>%</b>
a	Lokalna grejna tela (grejalica, kamin, šporet i sl.)	a	Local heating devices (heater, fireplace, stove, etc.)	515	49,85
b	Centralno grejanje	b	Central heating	518	50,15

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
<b>5</b>	<b>Klasifikacija sistema grejanja u domaćinstvima</b>	<b>5</b>	<b>Household heating system classification</b>	<b>n</b>	<b>%</b>
a	Kotlovi na čvrsta goriva	a	Solid fuel boilers	352	34,08
b	Peći i šporeti na čvrsta goriva	b	Solid fuel stoves	103	9,97
c	Električni kotlovi	c	Electric boilers	107	10,36
d	Električne grejalice	d	Electric heaters	28	2,71
e	Kotlovi na prirodni gas	e	Natural gas boiler	78	7,55
f	Peći na prirodni gas	f	Natural gas stoves	38	3,68
g	Kotlovi na pelet	g	Pellet boilers	55	5,32
h	Peći na pelet	h	Pellet stoves	9	0,87
i	Daljinsko grejanje	i	District heating	235	22,75
j	Toplotne pumpe	j	Heat pumps	25	2,42
k	Kotlovi na tečna goriva	k	Liquid fuel boilers	3	0,29
<b>6</b>	<b>Koliko goriva potrošite tokom grejne sezone? (upisati količinu u kWh, m3, t, kg, ... ili iznos mesečnog računa u dinarima)</b>	<b>6</b>	<b>How much fuel do you consume during the heating season? (enter quantity in kWh, m3, t, kg, ... or monthly bill amount in dinars)</b>	<b>n</b>	<b>%</b>
x	Pitanje otvorenog tipa	x	Open-Ended Questions	x	x
<b>7</b>	<b>Starost sistema grejanja koji je u upotrebi?</b>	<b>7</b>	<b>Age of the heating system in use?</b>	<b>n</b>	<b>%</b>
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
<b>8</b>	<b>Pored osnovnog izvora energije za grejanje, da li se koristi i električna energija za dogrevanje i koliko otprilike dana godišnje?</b>	<b>8</b>	<b>In addition to the basic source of energy for heating, is electricity also used for additional heating and approximately how many days a year?</b>	<b>n</b>	<b>%</b>
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

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
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
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

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
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	<b>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)?</b>	16	<b>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)?</b>	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	<b>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 (%)?</b>	17	<b>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?</b>	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	<b>U kojoj meri ste spremni da prihvatite smanjenje životnog standarda kako biste doprineli zaštiti životne sredine?</b>	18	<b>To what extent are you willing to accept a reduction in living standards to contribute to environmental protection?</b>	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	<b>Koja od sledećih kategorija je najbliža Vašoj proceni sadašnjih prihoda Vašeg domaćinstva?</b>	19	<b>Which of the following categories best describes your current household income?</b>	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	<b>Prema Vašem mišljenju koliki uticaj ima zagađenja životne sredine na Vaš svakodnevni život i Vašeg okruženja?</b>	20	<b>In your opinion, how much does environmental pollution impact your daily life and your surroundings?</b>	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	<b>Ocenite sledeću tvrdnju: Interesi kolektiva uvek moraju biti važniji od interesa pojedinca.</b>	24	<b>Evaluate the following statement: The interests of the collective should always be more important than individual interests.</b>	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	<b>Ocenite sledeću tvrdnju: U većini slučajeva aktivno planiram svoju budućnost i budućnost svog domaćinstva.</b>	25	<b>Evaluate the following statement: In most cases, I actively plan my future and the future of my household.</b>	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	<b>Ocenite sledeću tvrdnju: Nema svrhe da činim ono što mogu za životne sredine ukoliko i drugi ne čine to isto.</b>	26	<b>Evaluate the following statement: There is no point in doing what I can for the environment if others are not doing the same.</b>	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
27	<b>Ocenite sledeću tvrdnju: Mnoge od tvrdnji o ugroženosti životne sredine su preterane.</b>	27	<b>Evaluate the following statement: Many claims about environmental threats are exaggerated.</b>	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

Br.	Pitanja i ponudeni odgovori	No.	Questions and offered answers	Odgovori/Responses	
28	Ocenite sledeću tvrdnju: Postoje važnije stvari kojima bi se trebalo baviti u životu nego štititi 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