Appendix A.1 Pro-Forma Questionnaire Survey

External temperature	°C	Block/Flat	No		Type of apartment unit				
Internal temperature	°C	Level			Penthouse	studio	1+1	2+1	3+1
Location of tower block	s-w	N-W	N-E	S-E	Corner flat (flat in to	studio	1+1	2+1	3+1
Location of respondent	Near an ope window?	en	YES	NO	Flat (sharing both with other flats)	walls	1+1	2+1	3+1
Kitchen design	alayout		OPEN	CLOSED	Flat (sharing a wal a flat)	Il with studio	1+1	2+1	3+1
				SECT	ION 1				
continue with th	o know some ne rest of your	household.			ill in the following table: s				it) and
	(N	Gender lale/Female		ge	* Occupation (Full time/Part time)	** Level o	f Educ	cation	
Responde			,		(
Person 2									
Person 3									
Person 4									
Person 5									
Person _									
* Occupation:		Vorks outsid ther, (please			s at home, c. household	activities, d. pu	oil/stud	dent,	
** Level of Edu					econdary school, d. high other (please specify);	school, e. unde	rgradu	ıate,	
Remember the	order you list	ed your hou	sehold n	nembers ab	ove and use this order fo	or the rest of the	questi	ionnair	e.
2. How many years			s flat? 2 years		2-5 years	5-10 years	[_<	10
3. Do you own	_	welling? Rented prop	perty						
4. Do you chec	k your use of	electricity by	/ taking t	the meter re	ading frequently?				
5. How much el Low rate (rate of		100			tember) according to this	s last overview?			
High rate (rate	or meter 2)			k	Wh				

Fig. A.1. Questions intended to record physical and environmental parameters and household sociodemographic characteristics.

Appendix A.2 Pro-Forma Questionnaire Survey

6. Do you know anything about energy-saving methods? A lot Some A little Nothing																									
7. Have you received advice on how to reduce your energy bills? Yes No If you answered 'yes', from where did you receive the advice?																									
Famagusta Municipality The Electricity Authority (KIB-TEK) Other, please specify:																									
8. How	many people	gen	eral	ly st	ay i	n the	ese	spec	cific	room	ns on	a ty	pical	wee	kda	y?									
Room	/Number of	01:00	02:00	03:00	04:00	02:00	00:90	07:00	08:00	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Li	ving room																								
Пк	itchen																								
В	edroom 1																								
Bedroom 2																									
Bedroom 3																									
9. How many people generally stay in these specific rooms on a typical weekend day? Output Dedroom 3																									
	9. How many people generally stay in these specific rooms on a typical weekend day? Room/Number of people															24:00									
Li	ving room																								
□ Ki	itchen																								
В	edroom 1																								
В	edroom 2																								
В	edroom 3																								
	ING SUPPL at type of coo								noni	fir nu	ımho	ro of	oook												
	entral cooling				\neg			unit	peci	iy ilu	\Box		inver		nlit	unit	Г	٦,,,	` no	rtal	hlo i	unit_			
	eiling-mounte	-		Ē	\neg			fans	;		\Box	Non		ter s	Spiit	uriit		٦ .				spe		- /):	
and hur	interested in mid; last year ERATURE F k how you co	the REG	aver	rage ATI (ten ON	per	atur	e on	a s	umm	er da	ay w	as 32	2.5°C	Э.	nths	. Cor	nside	ra	sun	nme	r da	y ve	ery	not
	Remote con							9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9				,	Smart			pplic	catio	n		A STATE	19.				
	Wall-mounte	ed th	erm	osta	ıt			9]	I/A												

Fig. A.2. Questions related to household occupancy patterns and types of cooling systems.

Appendix A.3 Pro-Forma Questionnaire Survey

COOLING DEVICES USE We would like to know when you turn on/off your cooling device(s) in different rooms on weekdays and at weekends. 12. Where and when do you turn on the cooling device(s) on weekdays?																									
Room		01:00	02:00	03:00	04:00	02:00	00:90	00:20	08:00	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Living	room																								
Kitche	n																								
Bedro	om 1																								
Bedro	om 2																								
Bedro	om 3																								
13. Wh	ere and when	do	you 1	urn	on t	the o	cooli	ing c	devid	ce(s)	at w	eek	ends	?											
Room		01:00	02:00	03:00	04:00	02:00	00:90	07:00	08:00	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Living	room																								
Kitche	n																								
Bedro	om 1																								
Bedro	om 2																								
Bedro	om 3																								
P H We are dry; las	Central heating system A/C split unit Portable external fans Radiator Halogen heater. Other, (please specify) We are interested in how you use your heating system during the WINTER months. Consider a winter day very cold and dry; last year, the average temperature on a winter day was 11°C. TEMPERATURE REGULATION																								
	Radiator taps						es a	- C					Sma	rtph	one	app	licat	ion			$\overline{20}$		2	Ď	
Wall-mounted thermostat													Rem	iote	cont	trolle	er						(((((((((((((((((((
	Automatic the									N/A															

Fig. A.3. Questions related to household cooling-energy-use patterns and types of heating systems.

Appendix A.4 Pro-Forma Questionnaire Survey

HEATING DEVICE We would like to kno 16. Where and when	w w	hen												nt ro	oom	s on	wee	kda	ys a	and	at v	veel	cen	ds.
Room	01:00	02:00	03:00	04:00	02:00	00:90	00:20	08:00	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Living room																								
Kitchen																								
Bedroom 1																								
Bedroom 2																								
Bedroom 3																								
7. Where and when	do	you	turn	on	the	heat	ing o	devi	ce(s)) at v	veek	ends	?											
Room	01:00	02:00	03:00	04:00	02:00	00:90	02:00	08:00	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Living room																								
Kitchen																								
Bedroom 1																								
Bedroom 2																								
Bedroom 3																								
8. Where and when												0	0	0	0	0	0	0	0	_	_	0	_	0
Room	01:00	02:00	03:00	04:00	02:00	00:90	02:00	08:00	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Living room																								
Kitchen																								
wc																								
Bathroom																								
Bedroom 1																								
Bedroom 2																								
Bedroom 3																								
9.In general, do you Yes 10. Why do you oper To get fresh air To remove conde	n the	win] No dow) /s?	Mult [iple	marl To To	ks p coo diss	ossil I dov	ble. vn (i. e dirt	e., a	you d djust (e.g.	tem	pera	ature	•)			s)					
Against draft				닏	lAga 1	inst	the	war	m air	r/coo	I air l	ᅥ	Block	c so	unds	s from	n ou	tside	е					
Block smells fron	n ou	tside	9.	\Box	For	safe	ety r	eas	ons			Ш	Othe	r, (p	leas	e sp	ecify	r);						

Fig. A.4. Questions related to household heating-energy-use patterns and habitual window-opening behaviour and schedules in summer.

Appendix A.5 Pro-Forma Questionnaire Survey

22. How would	l you ra	ate th	ne ov	/era	ıll th	erm	al se	ensa	ation	of t	he fo	llowi	ng ar	eas	in th	ne S l	UMN	/IER	?						
Living room	Cold				1			2			3		4			5			6			7	Hot		
Kitchen	Cold				1			2			3		4			5			6			7	Hot		
Bedroom 1	Cold				1			2			3		4			5			6			7	Hot		
Bedroom 2	Cold				1			2			3		4			5			6			7	Hot		
Bedroom 3	Cold				1			2			3		4			5			6			7	Hot		
Now we will approximately during the WIN If you use door 23. Where and	11 °C; ITER? rs for v	, not entil	too ation	mu (lik	ch v ce de	wind oors	d). W	/hei he (e ai	nd w en o	hen r bal	do y cony	ou o	pen	and	clos	se y	our	winc	lows	or	ar	ave		
Room	· wiioii	00:10	05:00	•	04:00		00:90		00:80	00:60	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00	24:00
Living room																									
Kitchen																									
wc																									
Bathroom																									
Bedroom 1																									
Bedroom 2																									
Bedroom 3																									
Yes 25. How would Living room	l you ra			No /era		erm	al se	ensa 2	ation	of t	he fo	llowi	ng ar 4		in th	ne W 5	INT	ER?	6			7	Hot		
Kitchen	Cold				1			2			3		4			5			6			7	Hot		
Bedroom 1	Cold				1			2			3		4			5			6			7	Hot		
Bedroom 2	Cold				1			2			3		4			5			6			7	Hot		
Bedroom 3	Cold				1			2			3		4			5			6			7	Hot		
APPLIANCE 26. Which and Rooms		nuch		ne f	ollov	wing	g app	oliar	nces	is p	rese	nt yo	ur ho	me,	and			man er of	i		ead	ch c	lay?		
Living room][][][]
Kitchen][Г][]
Bedroom 1][][][][][]
Bedroom 2][][][][_ !][
Bedroom 3			L			Ш][Ш					L	∐ L	[L				L	
*Appliances:		a. Te	levisi	ion s	set, I	b. co	mpu	ter r	nonit	or; c	. com	puter	lapto	p; d .	. sma	ırtpho	ne/ta	ablet	; e. v	rideo	gar	ne c	onso	ole;	
f. home cinema	; g. refi	rigera	ator/fr	eez	er; h	. cod	oker/	ove	n; g.	dish	wash	er; j . v	vashe	r/dry	/er; k	. toa	ster;	m. ke	ettle;	n. o	offe	e m	achir	ie;	
p. microwave:	r. hair-d	rver :	s. oth	ers.	(ple	ase	spec	cify):																	

Fig. A.5. Questions related to built-environment factors that impacted household TSVs.

Appendix A.6 Pro-Forma Questionnaire Survey

27. How much light bulbs are being used in per room and how many hours a day?														
Type of Light Bulb Numbers of Hours		Livingroom	Kitchen	WC	Bathroom	Bedroom 1	Bedroom 2	Bedroom 3						
Low-energy light	t bulb													
Halogen light bu	lbs													
HEALTH 8. How is your health general?														
	Ve	ry Poor	Poor		Mediocre	Go	ood	Very Good						
Respondent														
Person 2														
Person 3														
Person 4														
Person 5														
Person														
INCOME 29. What is your mont less than 9.500 T	•		0 2.850 TL		2.850 -1.	800 TI								

Fig. A.6. Questions related to household health and income.

Appendix A.7 Pro-Forma Questionnaire Survey

			SECTION 2			
30. How do you p	orefer to feel?	(Check the most a	appropriate response)			
	Ш		Ш			Ш
Hot	Warm	Slightly Warm	Neutral	Slightly Cool	Cool	Cold
31. Using the list thermal comfort le Top		iterior space:	of clothing that you ar	re wearing right no	w; this is an ind	ication of the
Short-sleeve	d shirt	[Trousers			
Long sleeved	d shirt	[Knee-length skirt			
Walking Sho	rts	Γ	Suit vest			
Jeans		Ī	T-shirt			
Athletic swea	at pants.	Ī	Ankle-length skirt			
Other: (Plea especially heavy)		are wearing some	ething not described al	pove, or if you thin	k something you	u are wearing is
32. How would you most appropriate		our activity level ju	st prior to completing t	his survey? (Chec	k the one that is	5
Reclining		L	Seated			
Relaxed, sta	nding	Ĺ	Light activity, stand	ling		
Medium activ	vity, standing	L [High activity			
Reclining		L	— Seated ─			
Cooking, sta	nding	L	Light activity stand	ing		
Medium activ	vity standing	L	High activity			
	er months, ho		u with the temperature			
Very Satisfied	1	2 3	4 5		7 Ver	y Dissatisfied
	monus, now	2 3	vith the temperature in 4		7 Von	y Dissatisfied
Very Satisfied 35. How would vo			his discomfort? (Check		/ very	Dissalished
	high (damp)	г	Humidity too low (N/A
Air moveme	nt too high	Γ	Air movement too	low		
Incoming su	ın	Ī	Heat from home a	ppliances		
Drafts from	windows		Draft from vents			
Thermostat	is inaccessibl	е.	Thermostat is adju	sted by other hous	sehold members	S
Heating/coo	ling system d	oes not respond q	uickly enough to the th	ermostat		
Heat/cold su	urrounding su	rfaces (floor, ceiling	g, walls or windows)			
Deficient wir	ndow (not ope	erable)				
My room is I	hotter/colder t	han other rooms				
36a. Please desc	cribe any othe	r issues related to	being too hot or too co	old in your room:		

Fig. A.7. Thermal-comfort assessment.