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Methodology for data collection on users mobility needs

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1. Introduction

Remote regions in central Europe share the same risks and issues related to being at the periphery of main transport networks. Inadequate and under-used services, excessive costs, lack of last-mile services and proper intermodality, poor communication and information to users and car commuting are the challenges that many central European regions face.

The SMACKER project addresses those disparities to promote public transport and mobility services that are demand-responsive and that connect local and regional systems to main corridors and transport nodes.

Within SMACKER mobility issues related to peripheral and rural areas and main barriers are assessed and addressed by providing solutions that draw on the best international know-how. SMACKER promotes demandresponsive transport services to connect local and regional systems to main transport corridors and nodes: soft measures (e.g. behaviour change campaigns) and hard measures (e.g. mobility service pilots) are used to identify and promote eco-friendly solutions for public transport in rural and peripheral areas to achieve more liveable and sustainable environments, better integration of the population to main corridors and better feeding services. SMACKER helps local communities to re-design their transport services according to user needs, through a coordinated co-design process between local/regional partners and stakeholders; SMACKERS also encourages the use of new transport services through motivating and incentivizing campaigns. The direct beneficiaries of the actions are residents, commuters and tourists.

Participation reflects the overall integration of citizens and groups in planning processes and policy decision-making and consequently the share of power. In particular, transport planning and transport relevant measures are often the subject of controversial discussions within the urban community. The concept of Sustainable Urban Mobility Planning has established the principle that the public should be included from the very beginning of the transport planning process and not only when the plans are largely completed and only minor amendments can be carried out. For that reason, public authorities need to open-up debate on this highly specialised and complex subject area and make participation a part of the planning process. In order to ensure participation throughout the process, development of an engagement strategy would be necessary.

This deliverable presents an overview about different methods to collect user needs. This overview will allow each partner and future interested stakeholders to select suitable methods for adjusting pilot actions according to user needs. Especially focus groups and workshops can be used within a Local Mobility Forum (LMF) by the partners of the SMACKER project to collect user mobility needs.

In the first part of this deliverable, rationales for data collection of user needs are described shortly, as well as types of respondents are categorised to show different "backgrounds" of users, which need to be respected by choosing questions for the data collection. Furthermore, different types of data collection and collaboration with users are mentioned. In the second part, a broad explanation of methods for data collection of user needs is given to give an idea about options to choose from. As well as, possible content of data is listed as well as complementary sources of information. This part closes with a questionnaire analysis of the status quo of the data collection in the pilot regions of the SMACKER project.





2. Genereal aspects to consider for a data collection

2.1. Rationale for collection user needs

Reasons of collecting user needs can be manifold:

- Collecting user needs before and after the implementation of an action or measure can be an important source for evaluating impacts of an action or measure, especially regarding long-term developments.
- Another rationale to collect user needs is the option to benchmark different actions/measures e.g. in different countries or regions.
- User needs can also be interesting to know for fine-tuning actions/measures due to the expansion of knowledge.
- Another important reason is an in-depth survey with respondents regarding the action/measure in a panel (<u>same</u> participants are consulted before and after the implementation of a measure to receive in-depth results regarding significance, user needs, change in mobility behaviour and effectiveness of action/measure).
- Regarding data collection and therefore getting in contact with respondents, triggered expectations of respondents need to be considered and the possible scope of action need to be communicated.

2.2. Respondent type

To address the users in a data collection process it is important to categorize different types of respondents to address each type differently and therefore be able to choose the right method to approach each person. Users can be categorized regarding **behaviour**, **framework conditions** and **purpose**. The following tables are an approach to categorize different types of respondents:

Table 1: Respondent type 'behaviour', source: BOKU elaboration

	Respondent type				
	Use	ers	Non-	-users	
	without mode alternatives	with mode alternatives	Experienced on PT	non experienced on PT	
behaviour	+2	4	+2	≪ ↓	
	satisfied	not satisfied	interested	non-interested	





Table 2: Respondent type 'framework condition', source: BOKU elaboration

	Respondent type						
	Users		Non-	-users			
Framework condition	No car available	Car available	Potential change (no restraints for a mode change)	no change (restraints for a mode change)			

Table 3: Respondent type 'purpose', source: BOKU elaboration

	Respondent type							
		Users		Non-users				
purpose	tourists	residents	commuters	tourists	residents	commuters		

Regarding **behaviour**, users can be categorised into groups, who do have access to alternative non-motorized modes (e.g. bicycle) and are satisfied and choose to use (flexible) PT or are not satisfied. Another group are those who do not have access to alternative non-motorized mode and therefore choose (flexible) PT and are satisfied and those who are unsatisfied. A further categorisation regarding behaviour is the distinction between non-users that are experienced on (flexible) PT and are interested and those non-users that are experienced on (flexible) PT but are not interested. People who are unexperienced non-users but interested are another group and unexperienced non-users, who are not interested.

Regarding framework condition, users can be distinguished towards those who have no car available and therefore use (flexible) PT and those who live in a framework where there is a car available and decide for using (flexible) PT. This is relevant because availability of a car changes the framework condition tremendously.

Non-users, who do not use (flexible) PT due to different framework aspects, can be potential changers (who view (flexible) PT as an option if the offer from (flexible) PT suits their needs and those who do not see a chance for change due to restraints towards (flexible) PT because there is no adequate offer, which fits to their framework condition (e.g. for extremely bulky luggage etc.)

Regarding purpose, users and non-users can be assigned to the groups of tourists, residents and commuters.





2.3. Collaboration with users

Working with the users regarding their needs can be done in different ways. One way is to only carry out the data collection without any further collaboration. Another option is to do data collection in a panel (<u>same</u> group of people is asked before and after an action/measure is set). To collaborate can be realized by not only carrying out data collection with the users, but also by further collaborating together with users for the implementation of actions/measures (e.g. first step: data collection, second step: "nudging" participants regarding the use of (flexible) PT). A fourth option is the involvement of users into the action planning and implementation (e.g. via discussion rounds, workshops, etc.).

Table 4: Types of collaboration with users, source: BOKU elaboration

Types of collaboration with users				
Data collection only	>	Surveying		
Panel	>	Surveying before & after action/measure		
Collaboration	>	Surveying + Action/Measure		
Involvement	>	Surveying + Involvement		

2.4. Complementary sources of information concerning user needs

Not only the following methods are a source of information but also operators of mobility services and municipalities/ regions and public organisation can offer valuable data regarding user needs and should be contacted before conducting a survey. Other sources like academic literature and former projects in the region can offer suitable information as well, e.g.:

- a general survey of the satisfaction of target groups with services in general,
- documentation of complaint management,
- surveys/workshops/focus group documentation of older projects in the region.





3. Realisation of data collection

The following chapters will describe different methods of data collection (questionnaires, focus group and workshops), possible content of a data collection, complementary sources of information and a questionnaires analysis regarding the status quo of data collection in the pilot regions of the SMACKER project.

3.1. Methods of data collection

Methods of data collection for understanding user needs can be distinguished between methods for multiple attendees and one-to-one situations. Focus groups and workshops are used to collect user needs from multiple attendees and questionnaires are mainly used in one-to-one formats, but are also sometimes used for the mentioned formats with multiple attendees. Questionnaires can further be distinguished into semi-structured and structured formats and can be used via different channels of communication (face-to-face, telephone, etc.). The following table shows an overview of possible combinations:

Table 5: Overview of methods for data collection, source: Wright, 2010, edited by BOKU

	Methods of data collection						
		Face-to-face		Telephone		(E-)Mail	Web survey
		Semi- structured question- naires	Structured questionn aires	Semi- structured question- naires	Structured question- naires	Structured question-naires	Structured question- naires
Multiple attendees	Focus group (open or invitation)	✓	√				
Mu	Workshops	✓	√				
	At home	✓	✓	✓	✓	✓	✓
	On-street/ At-vehicle		√				
One-to-one	At destination or interchanging points		<				
	Recruitment on street/ vehicle/site follow up at household			✓	4	√	√





The following aspects are important to respect during the decision for a specific method:

- It needs to be clarified which is the total population of your target group in the region and how best these are accessible (e.g. registers available, where to meet in public areas, etc.). Based on this, certain users can be selected for a sample.
- To reach different persons of the target groups, different times of the day and different locations need to be used for recruiting (within the regional and time margin of the (planned) measure implementation.
- Different experiences, attitudes etc. regarding user needs should be found out through the data collection. Therefore, it is important to focus on user groups, that are interested at a minimum level and mode changes towards the flexible transport or other sustainable modes are reasonable.
- If sustainable modes are already used by contacted persons, this could be rewarded, especially during data collection phase (e.g. a positive feedback letter). But this should only be done after the interview/contact to avoid bias.
- Generally, no matter which type of respondent is approached, the framework needs to be defined as regards which participants can declare their mobility needs (e.g. user needs/wishes should be connected to "trade-offs" in which participants declare how much they are willing to "pay" so that their user needs/ wishes are connected to their situation and motivation and reveal their beliefs and the importance of a measure). Otherwise the result may be "more and better supply of everything", which may not be feasible in terms of resources available.
- The following table shall give a rough overview regarding needed time and costs for each method:

Table 6: Need of resources per method, source: BOKU elaboration

	Need of resources per method						
Method	Participants	Needed Time	Expected costs				
Question- naire	ė	Otto OO	€€€	Ca. 40.000€ for 200 net sample			
Focus	ėė	(3)	€	Ca. 4.500€	Depending on: working hours, labour costs, place &		
Workshop	ěě	€	€	Ca. 4.500€	- incentives		





3.1.1. One-to-one: Questionnaires

Preparation for the survey

A first step is the decision which type of questionnaire is appropriate regarding the topic. Questionnaires can roughly be distinguished between structured and semi-structured.

Semi-structured questionnaires consist of a guideline of questions, which can be asked in a more or less individual sequence, mostly with open questions. The guideline covers certain topics but the depth of the answers is shaped by the interviewee and the interviewer can dig deeper into promising topics the interviewee brings up. This aspect can be an advantage regarding in-depth insights but also a disadvantage regarding the comparability of the answers. Semi-structured questionnaires are not used to be representative but rather for exploring topics, which can act as a starting point for further structured questionnaires as well. They can be used for example in a local mobility forum. This would have the advantage that the questioned people do represent a certain function, have some previous knowledge regarding mobility aspects and dispose about some communication skills which can be seen as an advantage.

Structured questionnaires follow a strict structure: mostly but not always, closed questions are asked and therefore different options for answering are given, which the participant has to choose from (predefined answers). The questions are asked in a strict sequence. An advantage is the quick performance and answers are mostly comparable. Structured questionnaires can be provided in written form or via and interviewer.

If questionnaires are used to collect user needs of a broad range of persons, structured questionnaires are a good choice. In this regard, **representativeness** is a key factor for being able to deduce representative results. Due to this, the following aspects need to be considered.

Generally, a sample needs to be **representative**, regarding demographic data and also regarding the relevance of the topic and bias needs to be considered while choosing participants:

- For recruitment of participants or the method itself (questionnaires), contact lists can act as a starting point for getting into contact with participants, but these lists usually do not represent the whole population and this need to be considered, if analysing the results.
- Using a snowball system causes a strong bias due to the fact there is a risk that people who know each more likely share similar opinions.
- To ensure that representativeness is accomplished, the response rate needs to be considered as well (the share of respondents from the sample drawn) and participants need to be encouraged to participate. A low response rate, only gives answers from a specific group of the population, which are very likely not representative for the whole population.

The following **steps** are important to carry out to make sure that the **response rate** is adequate. These steps are especially important if no personal contact is possible (web, mail, e-mail communication etc.):

- 1. Announcement of survey on local media, for example on the web page of the municipality and the municipal newspaper;
- 2. Announcement of questionnaire, preferably with the signature of a well-known and honourable person (e.g. mayor) in the region,
- 3. Sending the questionnaire or an access code (in case of a web survey);
- 4. Contacting participants again to encourage them to participate and point out the importance of their contribution to the survey;
- 5. After the date or deadline for reporting, enquire about any difficulties, who may have occurred during the survey and in case the survey is done via (e-) mail, remind to return the results via (e-) mail.





Regarding **representativeness** and to avoid a **bias** for recruitment or by carrying out, the questionnaires itself, the following aspects need to be considered for each **communication channel**:

Face-to-Face

- For face-to-face questionnaires, it is important to select different locations and times of day to reach different users.
- To avoid a bias during the collection of participants, rules of thumb (e.g. every tenth
 person who crossed the interviewer's view is selected to avoid selection bias of the
 interviewer).

Telephone

- Questionnaires via telephone can be carried out based on a telephone register but a bias regarding choosing numbers needs to be considered (e.g. are cell phones included, are companies included?) Alternatively, a random dialling software is an alternative.
 - Recruitment and implementation of a questionnaire via telephone can be timeconsuming, especially regarding groups that are "hard to reach".
 - The communication channel "telephone" can be used to directly ask questions, to ask some "screening questions" to get to know, if the contacted person is part of the target group. Based on this information the collection channel might be changed (e.g. mailing out, sending an email, sending a link for an online questionnaire). Another option is to use a phone call to make an appointment to conduct the telephone interview at a later stage.

(E-) Mail

- Usually no complete address register for e-mails are available for the target population (eventually if the target groups are students, employees of a specific company or members of an organisation). In case a list of e-mail addresses exists, aspects regarding representativeness need to be considered.
- Regarding surveys via mail: addresses can be bought via the address providers, but representativeness and bias needs to be considered. Alternatively, mail providers usually offers to deliver letters to all households within a given area. In some cases, the municipalities can be helpful as well (by forwarding the letter so the households).

During the survey

Questionnaires can be carried out in different ways regarding the **communication channel** (face-to-face, telephone, (E-) Mail, web survey) and also regarding the number of people who are involved (multiple attendees and one-to-one). Here further distinction can be done regarding the setting in which the questions are asked (focus groups, workshops, at home, public meetings.)

The following aspects describe the different ways in which a questionnaire can be **communicated** and the pros and cons of each method.

Questionnaires from face-to-face can suit many occasions. It can be used in settings with multiple attendees but also to survey only single persons. It offers the advantage of being able to request more detailed information, if the participant(s) avoids to answer comprehensively. In case face-to-face questionnaires are done in a semi-structured way, it also offers the option to dig deeper into certain topics, which pop up during the questionnaires. A disadvantage can be the direct interaction between the interviewer and the participant: participants might be hesitating to answer correctly due to the social situation during the questionnaire. Therefore, face-to-face questionnaires need to be well thought out and interviewers need to be well trained.





Questionnaires by **telephone** are used for interviewing persons without direct contact, but keeping the option to stay interactive. This can either be done by "just" calling selected or randomly selected persons or by making a first contact on the street, site or vehicle. An advantage is that, due to the social interaction, comprehensive questions can be asked by the interviewee, in case a question is misunderstood. A disadvantage can be that questions aren't answered correctly due to the social situation, although this aspect might be less relevant as for a face-to-face questionnaire. Interviewers need to be trustworthy and reliable. Questionnaires by telephone can be undertaken in a structured or semi-structured way, therefore the advantages and disadvantages as above apply.

Questionnaires by **(E-) Mail** and web survey are used for interviewing persons without interactive contact. This can either be done by "just" mailing to selected or randomly selected persons or by making a first contact on the street, site or vehicle for recruitment. Questionnaires by **(E-)** Mail and web survey are mostly done in a structured way due to comparability and the non-existent option to ask clarifying questions to the interviewee.

- An advantage of questionnaires by (E-) Mail can be that interviewee is familiar with the used standard. But because the interviewee has to return his/her answers, more "work" is necessary by the interviewee and therefore the risks of errors on non-response increase. An advantage of questionnaires by (E-) Mail and web survey can be privacy: interviewees can answer the questions without the fear of social judgment due to the missing interviewer.
- A disadvantage for (E-) mail and web survey questionnaires is that no interviewer is available to be asked questions in case a question is unclear. Due to this, the questions, possible answers and structure of the questionnaire need to be very precisely self-explaining and explicit. It also needs to be considered that not all people are able to use a computer or are illiterate and therefore this kind of questionnaire might only reach a certain group of people (studies confirm there is always a bias of degree of education among the respondents).

After the survey

The analysis and evaluation of questionnaires takes time, which is an important aspect to be consider regarding to the schedule. Open answers need to be classified at first to be able to analyse the data. If bias is obvious and representativeness is needed, weighting and crossing up procedures need to be considered.





Table 7: Process of method 'Questionnaire', source: BOKU elaboration

	Process of method 'Questionnaire'					
	To Do's questionnaire	In detail				
	Definition of target group	RepresentativeAvoiding bias				
υ	Decision about questionnaire design	structured or semi-structured				
Before	Downster out / Institution	Face-to-faceTelephone				
	Recruitment/ Invitation	(E-) MailWeb page				
		Recruitment/ Invitation				
ත	Procedure	Encouragement of participants				
During	riocedale	Interview/ Questionnaire				
		Repeated inquiry about difficulties & reminder so send questionnaire back				
After	Analysis	WeightingClassification of answers				
		Process data				





3.1.2. Multiple attendees: Focus groups

Focus groups are invited groups of usually five to twelve or participants who discuss their beliefs, attitudes and opinions in a moderated discussion round. These participants could be from the **local mobility forum**. This would have the advantage that the questioned people do represent a certain function, have some previous knowledge regarding mobility aspects and dispose about some communication skills which can be seen as an advantage. For the focus group, a neutral moderator prepares an interview guide. Questionnaires can be part of a focus group in a structured or semi-structured way but are not the only method to collect beliefs, attitudes and opinions. Due to the open characteristic of this technique, it is an interactive and discursive format between the respondents as well. Another option is to do a mixed method approach. First, a focus group takes place and after the evaluation of the focus group, a quantitative questionnaire is carried out.

The undertaking of a focus groups needs to be planned well and therefore the following aspects/ steps describe the process and act as a guideline.

Preparation for the focus group

The definition of the target group is the first step for the creation of a focus group. Therefore, the following aspects are important to consider.

Preferably the **target group** is representative regarding demographic aspects (age, education, gender) and has direct relation to the topic (experience/needs) and are therefore relevant for the focus group. The participants are relevant for target region, e.g.: local knowledge of the region (e.g. residents), their work place is in the region (e.g. commuters) or are tourists in the region. The participants use or use not (flexible) transport, this aspect depends on the topic of the focus group. If possible as known in advance, extreme types of "characters" ("chatterboxes" vs. silent people) shall not be invited to the focus group due to negative group dynamics.

For the **recruitment** of participants different stakeholders can help to contact, like the local municipality, mobility agency, schools, work places, club associations, doctors/hospitals/ social services, local events, tourist accommodation, tourist information and PT/ mobility operators.

Enclosed to the **invitation**, a declaration of consent (regarding audio recording, usage of gathered information etc.) is necessary and also a clarification of expectations, so participants know what to expect from the focus group and what not.

While choosing a **location** for the focus group, an examination of accessibility is necessary so that every participant is able to access the building and participate.

During the focus group

While the focus group takes place, the following aspects regarding the **framework** shall be helpful to keep in mind.

The duration of the event shall not be more than three hours (including breaks) and a schedule is important to keep in mind all discussable topics and to give a structure. The presentation of the schedule will help participants to have an overview. A neutral moderator is very important because of his role to coordinate the discussion and make sure that all participants get a chance to speak. A documentation of the spoken and unspoken aspects is important as well, to gain as much information as possible from the event.

A focus group can be **procedured** the following way.

During the **welcome** and warm up, the topic is explained and an explanation of the schedule is given. This is followed by a round of **introduction** in which participants introduce themselves and their reason for participation and their expectations. The **schedule** can be divided into a first thematic block (e.g. mobility





behaviour & barriers), a coffee break and a second thematic block (e.g. mobility needs). **Helpful tools** for the moderator during the focus group can be: interview guide, moderation cards, flip chart and possibly "points" for the flip chart.

After the focus group

After the focus group has taken place, the reflexion of the content and evaluation of the procedure is important to gain information about the effectiveness of this measure.

Table 8: Process of method 'Focus group' I, source: BOKU elaboration

	Process of method 'focus group' I				
То	Do's focus group	In detail			
Definition of target group		 Representative target group (Age, gender, education) (Non-) Users of (flexible) transport: depends on the topic of the focus group If possible, extreme types of "characters" ("chatterboxes" vs. silent people) shall not be invited to focus group due to negative group dynamics 			
Before	Recruitment	 Local municipality Mobility Agency Schools Work places Club associations Doctors/hospitals/ social services Local events Tourist accommodation Tourist information PT/ mobility operator 			
	Invitation	 Clarification of expectations Declaration of consent (regarding audio recording, usage of gathered information etc.) Examination of accessibility of location 			





Table 9: Process of method 'Focus group' II, source: BOKU elaboration

	Process of method 'focus group' II					
To Do's focus group		In detail				
		Duration: max. 3 hours (including break)				
		Neutral moderator				
	Framework	Schedule				
		Documentation of spoken & unspoken happen within focus group				
		Welcome				
תכו	Procedure	Explanation of procedure & topic related content				
During		Round of introduction				
D		Clarification of expectations				
		Thematic block I (e.g. mobility behaviour & barriers)				
		Coffee break				
		Thematic block II (e.g. mobility needs)				
		Interview guide				
	Helpful tools for moderator	Moderation card				
		Flip chart + Possibly "points" or flip chart				
<u>_</u>	Reflexion of content					
After	Evaluation and documentation					

3.1.3. Multiple attendees: Workshops

Workshops have the objective to work intensively on a topic and produce an outcome under the guidance of a moderator¹. Outcomes of the workshop can be: e.g. an action plan, a road map, the development of concepts or a collaborative decision making etc. The moderator is important to structure the dialogue/discussions but also to eliminate uncertainties regarding the process and content. The moderator also summarises the results during the workshop. Questionnaires can be part of a workshop in a structured or semi-structured way but are not the only method to receive an outcome. Workshops provide an open atmosphere for dialogue and suit small groups from 3 to 15 people. Participants of a workshop can be participants of a local mobility forum. This would have the advantage that the questioned people do represent a certain function, have some previous knowledge regarding mobility aspects and dispose about some communication skills which can be seen as an advantage.

The following aspects provide a guideline for undertaking a workshop.

Preparation for the Workshop

Before the workshop takes place, a definition of the aim of the workshop is necessary to prepare the workshop precisely and need to be communicated to (potential) attendants. The next step is the definition

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¹ Source: Bundesverwaltungsamt (2018)





of the **target group**. Possible participants are stakeholders or experts, depending on the topic. Participant need to be relevant for the aim of the workshop and the invited group should be representative regarding user needs (different stakeholders). In case decision-making is necessary stakeholders shall also be **decision-makers**, in case the workshop is designed to enable an expert discussion or brainstorming, stakeholders should have **professional expertise**.

The preparation of the workshop also includes the examination of **the venue**, for which **accessibility** needs to be considered. Also a **schedule**, **questions and tools** (pinboard/ flip chart, moderation questions, pens, laptop/beamer, screens, etc.) for the workshops need to be designed by the moderator prior the event.

During the Workshop

While the workshop takes place, the following aspects shall be helpful to keep in mind. The procedure of the workshop can be planned as followed: first, an introduction round takes place where the moderator explains his/her role and participants introduce themselves. After that, the moderator explains the topic of the workshop, the schedule and "rules" for a fair dialogue. Keynote presentations can introduce into the topic and/or the current situation of the target region and/or the current status of a specific strategy/policy. After this, the work on the topic starts, either in smaller groups or the whole group of participants works together, this depends on the topic of the workshop. The work process is managed by the moderator. In the last part of the workshop, the moderator summarizes the compiled results, ideally an action plan or to do list. A documentation of the results is necessary, which can either be done by the moderator or by a co-moderator.

After the Workshop

After the workshop, the results are documented. The effectiveness of the workshop can be evaluated *adhoc*, but better after some time in comparison to the action plans/to do list decided.





Table 10: Process of method 'Workshop', source: BOKU elaboration

	Process of method 'workshop'					
	To Do's Workshop	In detail				
	Definition of objective					
a :	Definition of target group	decision makersexperts				
Before	Search for location	examination of accessibility of location				
Be	Invitation					
	Preparation of questions, schedule & tools					
		introduction via moderator				
no		introduction round from participants				
During	Procedure	explanation of topic, input through presentations				
Δ		work on topic by participants with moderator				
		summary of results by the moderator				
After	Documentation of outcome					





3.2. Content of data collection

To give a general overview about the content of data to collect user needs and mobility behaviour, the following topics are presented (not exhaustive).

Table 11: General content of data collection I, source: BOKU elaboration

Tuble	TT. Ocherat	content of data collection i, source: BOKU elaboration
	ı	General content of data collection I
	general	- age: elderly, young people etc.
		- gender: behaviour of women and men
ic data		 household structure and size or family composition: multi person household, single person household
raph		 medical condition or disability affecting ability to travel
Social demographic data		 working and living patterns or labour conditions: being retired or active working e.g. employed; other non-employed; retired; unemployed; home duties; student
Soci		- income
		- education level
		- free time / time availability
	general	- Likert scale (preference regarding statement)
Attitude		- sustainability
Atti		- mobility
		- a concrete policy/strategy/project
ity	spatial aspects	 living area type: urban/ rural, metropolitan/ non-metropolitan: the mobility patterns may differ at different spatial levels (e.g. urban, peri-urban, rural, regional, national, European, etc.).
Mobility	access to PT	 travel time proximity to (flexible) PT infrastructure (by foot, by bicycle) Smartphone or mobile availability Season ticket for (flexible) PT





Table 12: General content of data collection II, source: BOKU elaboration

		Content of data collection II
	stated/revealed behaviour	 purpose/ scope of trip: e.g. leisure activities, recreation and social life, such as accompanying and visiting activities/friends-relatives, work, shopping, education, etc.
		- frequency of travel: number of trips in a standard week, (e.g. never, rarely, once a month, once a week, 2 or 3 times a week, every day)
Mobility		 modes of transport mainly utilised (in case of more than one mode of transport it is necessary to indicate the sequence of different modes e.g. by bike to reach the railway station and then by train to reach the final destination)
Mob		- flexibility to use other modes
		- reason of non-use of alternative transport modes (closed answer)
		- time of return
	freedom of choice (alternatives)	 car ownership level car availability option of co-driving mode availability and parking costs possible alternative transport modes

The set of questions for data collection of course is dependent on the specific measure or strategy. Ideally, the information collected can be used for the evaluation as well. The following tables show in yellow topics of content, which needs to be added to the general content from the table above to receive feedback from different user types.

Table 13: Specific content of data collection for respondents regarding 'behaviour', source: BOKU elaboration

		Types of resp	ondents				
	User	S	Non-users				
	without mode alternatives	with mode alternatives	experienced	non experienced			
	planned services	planned services					
_		Positive factors for using					
behaviour	7	Δ	4	1			
oeha	satisfied	non satisfied	interested	non-interested			
_	positive factors	planned services	missing services	factors for not			
	for using	negative factors of using	missing information	using PT			
		reasons for usage	missing motivation				





Table 14: Specific content of data collection for respondents regarding 'framework condition' source: BOKU elaboration

		Types of resp	ondents			
	User	s	Non-users			
work tion	no car available	car available	potential change (no restraints for a change)	no change (restraints for a change)		
Framework	 positive factors for using PT if alternatives were available 	planned servicespositive factors for using PT	factors or needs for a change	reason for not using PT		

Table 15: Specific content of data collection for respondents regarding 'purpose' source: BOKU elaboration

				Types of respond	lents				
		Users		Non-users					
	tourists	residents	commuters	tourists	residents	commuters			
purpose	>	l ed services (i reasons for source of info	ormation	> source of in	potential factors fo formation/knowledg reason for not us	ge/missing information			





3.3. Questionnaire analysis & conclusion regarding data collection on user mobility needs in the SMACKER regions

SMACKER pilot actions will be implemented in six European regions:

- Austria: East Tyrol;

- Czech republic: Prague - Suchdol;

- Hungary: Budapest;

- Italy: Alto-Reno;

- Poland: Chwarzno - Wiczlino;

- Slovenia: Murska Sobota.

To gain insights into the state of the data collection in the regions for pilot action, a questionnaire was sent out to the pilot regions. With this questionnaire, the project partners reflected about previous data collection in their region and if this previous data collections are useful for the SMACKER project to gain insights into user mobility needs.

Almost all pilot regions, except from Budapest and Prague-Suchdol, do have previous data collection, which can be used for the SMACKER project. The pilot regions who do have a previous data collection, all used a structured questionnaire. In Murska Sobota additionally a public discussions was carried out. The questionnaires were all carried out by telephone. Additionally in East Tyrol the survey was also carried out via mail (due to a two-step procedure) and in Gdynia questionnaires additionally were carried out face-to-face.





Almost all pilot regions the interviewed persons were residents. Except from that, the following stakeholders were interviewed in some of the regions: Commuters, local public authority, schools, education, public transport operators, disabled people organisations, general public.

Types of interviewed stakeholders Other General public Touristic operators Disabled people organisations Public transport operators SME and Mobility managers Education/training centre and school Stakeholders Higher education and research Schook Interest groups including NGO Infrastructure and (public) service provider Sectoral agency Regional public authority Local public authority Residents Tour ists Commuters 3 0 2 4 Number of project partners

Figure 1: Types of interviewed stakeholders, source: BOKU elaboration

The net sample size was different in each pilot region, ranging from 100 in Gdynia, to 300 in East Tyrol to 1.346 in Murska Sobota and over 2.000 in Alto Reno, which can be traced to different number of inhabitants.

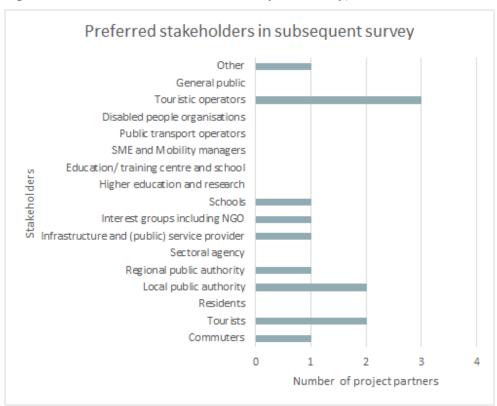
The previous data collection have relevance for the SMACKER project due to the fact that they portray basic demands and expectations in Murska Sobota, mobility habits in Alto Reno, Gdynia and East Tyrol, as well as the willingness to use DRT and potential share of users of DRT in East Tyrol and preferences in Gdynia. All of these aspects prepare a basis for the following pilot action in the regions.





The project partners from the regions with previous data collection stated that they would include the following stakeholders, in case a subsequent survey would be done: commuters, tourists, regional public authority, infrastructure and (public) service provider, SME and Mobility managers, interest groups including NGO, tourist operators. Tourist operators were stated by most pilot regions.

Figure 2: Preferred stakeholders in subsequent survey, Source: BOKU elaboration







In all the previous data collection from the partners, stated/revealed mobility behaviour was asked, like purpose of trips, frequency of travel, mode of transport and reasons for (non-) usage etc. Also spatial aspects were asked by in almost all data collections except from Murska Sobota. In East Tyrol and Gdynia access to public transport and freedom of choice was asked as well. In East Tyrol attitudes (e.g regarding sustainability, mobility etc.) were asked as well.

Content of surveys

Other
Freedom of choice
Stated/revealed behaviour
Access to PT
Spatial aspects
Attitude

0 1 2 3 4
Number of partners

Figure 3: Content of surveys, Source: BOKU elaboration

Conclusions

The conclusion regarding the state of the data collection on user mobility needs in the SMACKER regions is the following: most of the regions do have previous data collection, which they can use for the SMACKER project. These data collections were done by questionnaires via telephone and some regions did use further methods and channels to reach respondents. The vast majority of interviewed stakeholders were residents but mostly further stakeholders were questioned as well, which differs from region to region. The majority of the data collection focussed on stated/revealed mobility behaviour and again some regions did ask the respondents about further aspects.

In case there is no previous data collection regarding user mobility needs, the project partners will select an appropriate method from this deliverable. The LMF can play a crucial role regarding the collection of user mobility needs, e.g. the methods "focus group" and "workshop" can be used perfectly within a LMF due to the fact that stakeholders at the LMF represent certain groups, which are relevant for the user mobility needs and pilot action and therefore can offer valuable insights.





4. References

Bundesverwaltungsamt, 2018. 6.1.9 Workshop/Moderation. [Online]. Available at: https://www.orghandbuch.de/OHB/DE/Organisationshandbuch/6_MethodenTechniken/61_Erhebungstechniken/619_WorkshopModeration/workshopmoderation-node.html (Accessed: 18.09.2019)

Wright Steve (2010), Flexible Transport Services and ICT platform for Eco-Mobility in urban and rural European areas, Cross Site Data Collection Plan, DRAFT, FLIPPER Project - INTERREG IVC, July 2010.





5. Annexes

The annexes provide the questionnaire for the project partners, which was used to describe the status quo of the data collection in each region of the SMACKER project, as well as two examples of questionnaires for collecting mobility needs and behaviour, one in German language, one in English language. The questionnaire for the project partners (Annex 1), shall give insight into what information the project partners were asked to provide. The questionnaire in German (Annex 2), shall give an insight into a questionnaire which can be used before a pilot action is implemented. The questionnaire in English shall provide an example for a questionnaire which can be used after e.g. a pilot action is implemented (Annex 3).





5.1. Annex 1 - Questionnaire for Partners

		Questi	ionnaire for project partners regarding previous data collection
1)	Pa	rtner (filling-ir	n the questionnaire)
2)	Pil	ot region	
3)		there an exisultiple answers	ting data collection for user needs from the last 10 years for the region? possible.
		If YES please	clarify how the data collection was carried out:
			Focus groups
			Workshops
			Questionnaire
			Other:
4)	In	case of a ques	tionnaire: What was the structure like? Multiple answers possible.
			Structured
			Semi-structured
5)	In	case of a ques	tionnaire: How was it carried out? Multiple answers possible.
			Face-to-Face
			Telephone
			(E-) Mail
			Web survey
			Other:
6)	WI	nich stakeholde	ers took part in the survey? Multiple answers possible.
			Commuters
			Tourists
			Residents: What type of residents?
			Local public authority
			Regional public authority
			Sectoral agency
			Infrastructure and (public) service provider
			Interest groups including NGOs





			Please specify which groups							
			Schools							
		☐ Higher education and research								
			Education/training centre and school							
			SME and Mobility Managers							
			Public Transport Operators							
			Disabled people organizations							
			Touristic Operators							
			General public							
			other:							
7)			eople were interviewed/ participating during the data collection? , participants etc.)							
8)	Но	ow does the sur	rvey have relevance for SMACKER? Please describe.							
9)	W	hich stakeholde	ers were not part of the survey but should be included in the next survey?							
		Multiple ansv	vers possible.							
			Commuters							
			Tourists							
			Residents: What type of residents?							
			Local public authority							
			Regional public authority							
			Sectoral agency							
			Infrastructure and (public) service provider							
			Interest groups including NGOs							
			Please specify which groups							
			Schools							
			Higher education and research							
			Education/training centre and school							
			SME and Mobility Managers							
			Public Transport Operators							





		Disabled peop	sabled people organizations							
		Touristic Ope	ouristic Operators							
		Public Transp	ublic Transport Operators							
		General publi	С							
		other:								
10) WI	10) What was the content of the survey? Multiple answers possible.									
	☐ Social demographic data									
		Attitude (rega	arding sustainability, mobility etc.)							
		Mobility								
			Spatial aspects (urban/rural)							
			Access to PT (travel time, proximity, availability of car etc.)							
			Stated/revealed behaviour							
			(purpose of trip, frequency of travel, mode of transport, reasons for non-usage of alternatives etc.)							
			Freedom of choice (Car availability, Co-driving, alternative transport modes)							
			Other:							
11) Ad	ditional ideas,	questions, sug	ggestions.							





5.2. Annex 2 - Example for questionnaire/survey in German

FLIPPER Project - 0126R1

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8 ANHANG

MOBILITÄTSERHEBUNG		Institut für Verkehrswesi Peter Jordan Straße 82 1190 Wien	en	FB-N	Nr.:
HINWEISE Bitte füllen Sie zuerst di	esen Haushaltsb	ogen, dann die Pe	ersonenfrageböge	en genau aus!	
Beantworten Sie zuerst alle Personen in Ihrem H Haushaltsbogens aus!					
Lesen Sie bitte genau d	ie Hinweise auf d	em Erläuterungsb	latt, bevor Sie die	Personenfrageb	ögen ausfüllen!
Zum Haushalt gehören alle Persone Ein Haushalt kanr	en (Sie selbst ei		die ständig mit		enleben.
Wieviele Personen leben ständig in Ihrem Haus	halt, Sie selbst mit	eingeschlossen?			
Anzahl der Personen insgesamt:					
davon Personen unter 3 Jahren: von 3 bis unter 6 Jahre	en: Bes	such einer Kinderbetn ndergarten, -krippe och	euungseinrichtung der Tagesmutter)?	Ja 🗌 Nein 🔲	
Wieviele PKW, Kombi, MiniVans und Kleinbusse	e (bis 9 Sitzplätze in	kl. Lenker) sind in I	hrem Haushalt insg	esamt vorhanden?	
Wie weit von Ihrer Wohnung entfernt liegt die n	ächste Autobushalt	estelle?			
m	→ Welches ist die	nächste Autobushalt			
			(Bitte geben	Sie den Namen der Haltest	elle an!)
Haben Sie in Ihrem Haushalt ein Telefon?					
nabeli Sie ili filietti naustiait etti feletoti?	Ja D	Festnetz Mobilfunk			
Haben Sie in Ihrem Haushalt einen Computer?	Ja 🔛	Mit Internetzugang?	Ja 🔲		
Haben Sie in Ihrem Haushalt einen Computer?	Ja 🔲 →	Mit Internetzugang?	Ja 🗌 Nein 🔲		
Haben Sie in Ihrem Haushalt einen Computer?		Mit Internetzugang?	Ja ∐ Nein ☐		
Haben Sie in Ihrem Haushalt einen Computer? BITTE BEANTWORTEN SIE JETZT	Nein DIE NACHFOLO		EN FÜR ALLE H	AUSHALTSMIT	GLIEDER,
SUPPLY SU	Nein DIE NACHFOLO	SENDEN FRAGE	EN FÜR ALLE H	AUSHALTSMITO	GLIEDER, Fünftälteste Perso
BITTE BEANTWORTEN SIE JETZT	DIE NACHFOLO	GENDEN FRAGE UND ÄLTER SI	EN FÜR ALLE H		
BITTE BEANTWORTEN SIE JETZT PERSONEN IM HAUSHALT AB 6 JAHREN	DIE NACHFOLO DIE 6 JAHRE Atteste Person	GENDEN FRAGE UND ÄLTER SI Zweitälteste Person 2	EN FÜR ALLE H ND Drittälteste Person 3	Viertälteste Person	Fünftälteste Perso
BITTE BEANTWORTEN SIE JETZT PERSONEN IM HAUSHALT AB 6 JAHREN Laufende Nummer der Person	DIE NACHFOLO DIE 6 JAHRE Älteste Person	GENDEN FRAGE UND ÄLTER SI Zweitälteste Person	EN FÜR ALLE H ND Drittälteste Person	Viertälteste Person	Fünftälteste Perso
BITTE BEANTWORTEN SIE JETZT PERSONEN IM HAUSHALT AB 6 JAHREN Laufende Nummer der Person	DIE NACHFOLO DIE 6 JAHRE Atteste Person	GENDEN FRAGE UND ÄLTER SI Zweitälteste Person 2	EN FÜR ALLE H ND Drittälteste Person 3	Viertälteste Person	Fünftälteste Perso
BITTE BEANTWORTEN SIE JETZT PERSONEN IM HAUSHALT AB 6 JAHREN Laufende Nummer der Person	DIE NACHFOLDIE 6 JAHRE Alteste Person 1	GENDEN FRAGE UND ÄLTER SI Zweitälteste Person 2 Vername	EN FÜR ALLE H ND Drittälteste Person 3	Viertälteste Person 4 Vorname	Fünftälteste Perso 5 Vorname
BITTE BEANTWORTEN SIE JETZT PERSONEN IM HAUSHALT AB 6 JAHREN Laufende Nummer der Person ANGABEN ZUR PERSON Geschlecht FAMILIENSTAND	Nein DIE NACHFOLO DIE 6 JAHRE Aiteste Person 1 Vorname Geburtsjahr	GENDEN FRAGE UND ÄLTER SI Zweitälteste Person 2 Vorname Geburtsjahr	EN FÜR ALLE H ND Drittälteste Person 3 Vorname Geburtsjahr	Viertälteste Person 4 Vorname Geburtsjahr	Fünftälteste Perso 5 Vorname Geburtsjahr
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BITTE BEANTWORTEN SIE JETZT PERSONEN IM HAUSHALT AB 6 JAHREN Laufende Nummer der Person ANGABEN ZUR PERSON Geschiecht FAMILIENSTAND Ledig Verheiratet Verwitwet Geschieden BERUF	Nein DIE NACHFOLO DIE 6 JAHRE Aiteste Person 1 Vorname Geburtsjahr	GENDEN FRAGE UND ÄLTER SI Zweitälteste Person 2 Vorname Geburtsjahr	EN FÜR ALLE H ND Drittälteste Person 3 Vorname Geburtsjahr	Viertälteste Person 4 Vorname Geburtsjahr	Fünftälteste Perso 5 Vorname Geburtsjahr
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Vers. 1.0





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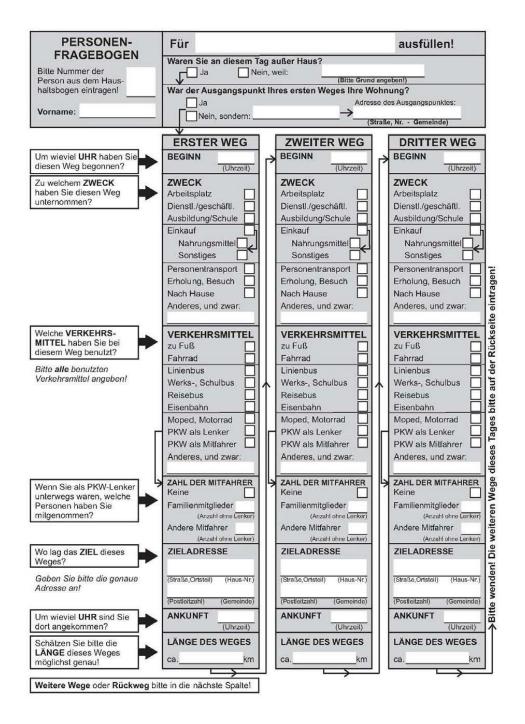
		UND ÄLTER SI			I
PERSONEN IM HAUSHALT AB 6 JAHREN	Älteste Person	Zweitälteste Person	Drittälteste Person	Viertälteste Person	Fünftälteste Perso
Laufende Nummer der Person	1	2	3	4	5
Vorname					
BERUFSTÄTIGKEIT / ERWERBSTÄTIGKEIT Voll erwerbstätig (mehr als 30 Wochenstunden) Teilweise erwerbstätig (bis 30 Wochenstunden) Nicht erwerbstätig					
HÖCHSTER SCHULABSCHLUSS					
Volks- / Hauptschule ohne Lehre Volks- / Hauptschule mit Lehre, Fachschule Matura Hochschule / Universität					
FÜHRERSCHEINBESITZ Besitzen Sie einen Führerschein für PKW?	Ja Nein	Ja Nein	Ja Nein	Ja Nein	Ja Nein
FAHRZEUGBESITZ (für private Nutzung) PKW, Kombi (1 - 5 Sitzpl.) MiniVan, Kleinbus (6 - 9 Sitzpl.) Mopped, Motorrad Fahrrad Sonstiges, und zwar:	Ja Nein Ja Nein Ja Nein Ja Nein Ja Nein Ja Nein	Ja Nein	Ja Nein	Ja Nein	Ja Nein Ja Nein Ja Nein Ja Nein Ja Nein Ja Nein
FAHRZEUGNUTZUNG Wird ein im Haushalt vorhandener PKW, Kombi, MiniVan oder Kleinbus hauptsächlich von Ihnen als Lenker benutzt?	Ja Nein	Ja Nein	Ja Nein	Ja Nein	Ja Nein
BESITZ VON ERMÄSSIGUNGSKARTEN FÜR ÖFFENTLICHE VERKEHRSMITTEL Keine Halbpreispass, Vorteilscard Wochenkarte Monatskarte Jahreskarte Schülerfreifahrt Andere Ermäßigungskarte, und zwar;					
In welchem der folgenden Geschäfte haben Sie im letzten Monat in eingekauft? Kleines Lebensmittelgeschäft, Greißlerei Supermarkt Tankstellenshop (für Lebensmittel) Bäckerei, Fleischerei Bauernhof, Bauernmarkt Drogerief-markt) Trafik, Papierhandlung Versandhandel, Hauszustellung					
Welche Ämter haben Sie im letzten Monat besucht?					
Welche Ärzte haben Sie im letzten Monat in Anspruch genommen? Praklischer Arzt Facharzt	H	H	H	H	
Welche fremde Hilfe haben Sie im <u>alltäglichen Leben</u> im letzten Monat in Anspruch genommen? Familie, Freunde, Nachbarn Sonstige (Essen auf Rädern, Hauskrankendienst)				8	
Haben Sie im letzten Monat das Internet benutzt?	Ja Nein	Ja Nein	Ja Nein	Ja Nein	Ja Nein
Welche Einrichtungen und Veranstaltungen haben Sie im letzten Monat besucht? Kirche Kultur, Unterhaltung (Musik, Kino, Museum,) Sportstätten Feste, Veranstaltungen in der Gemeinde Sonstige, und zwar:					

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Per	PERSONEN- FRAGEBOGEN a Nummer der son aus dem Haus- sbogen eintragen!	Ausfülltag:		
	VIERTER WEG BEGINN (Uhrzeit) ZWECK Arbeitsplatz Dienstl./geschäftl. Ausbildung/Schule Einkauf Nahrungsmittel Sonstiges Personentransport Erholung, Besuch Nach Hause Anderes, und zwar: VERKEHRSMITTEL zu Fuß Fahrrad Linienbus Werks-, Schulbus Reisebus Eisenbahn Moped, Motorrad PKW als Lenker PKW als Mitfahrer Anderes, und zwar:	FÜNFTER WEG BEGINN (Uhrzoit) ZWECK Arbeitsplatz Dienstl:/geschäftl. Ausbildung/Schule Einkauf Nahrungsmittel Sonstiges Personentransport Erholung, Besuch Nach Hause Anderes, und zwar; VERKEHRSMITTEL zu Fuß Fahrrad Linienbus Werks-, Schulbus Reisebus Eisenbahn Moped, Motorrad PKW als Lenker PKW als Mitfahrer Anderes, und zwar;	SECHSTER WEG BEGINN (Uhrzeit) ZWECK Arbeitsplatz Dienstl://geschäftl. Ausbildung/Schule Einkauf Nahrungsmittel Sonstiges Personentransport Erholung, Besuch Nach Hause Anderes, und zwar: VERKEHRSMITTEL zu Fuß Fahrrad Linienbus Werks-, Schulbus Reisebus Eisenbahn Moped, Motorrad PKW als Lenker PKW als Mitfahrer Anderes, und zwar: SIEBENTER W BEGINN (Uhrz ZWECK Arbeitsplatz Dienstl://geschäftl. Ausbildung/Schule Einkauf Nahrungsmittel Sonstiges Personentransport Erholung, Besuch Nach Hause Anderes, und zwar VERKEHRSMITT zu Fuß Fahrrad Linienbus Werks-, Schulbus Reisebus Eisenbahn Moped, Motorrad PKW als Lenker PKW als Mitfahrer Anderes, und zwar:	zeit)
J	ZAHL DER MITFAHRER Keine	ZAHL DER MITFAHRER Keine	ZAHL DER MITFAHRER Keine Familienmitglieder (Anzahl ohne Lenker) Andere Mitfahrer (Anzahl ohne Lenker) ZIELADRESSE (Straße,Ortsteil) (Haus-Nr.) (Postleitzahl) (Gemeinde) ANKUNFT (Uhrzeit) LÄNGE DES WEGES ca. km	enker) enker) enker) us-Nr.) einde)







Feasibility Study Defereggental

Personenfragebogen 2009 Bitte für jede Person ihres Haushaltes über 10 Jahre ausfüllen! Wenn sie Fragen zum Fragebogen haben, rufen sie uns bitte an! DI David Wurz Tel.: 01 47654 5341 Mo, Mi, Do, Fr von 8:30 Uhr bis 17 Uhr Di von 8:30 Uhr bis 19 Uhr Die Gemeinden des Defereggentales haben sich das Ziel gesetzt, das Angebot des öffentlichen Verkehrs deutlich zu verbessern. Deshalb soll mit ihrer Hilfe überprüft werden, ob das flexible Angebot eines "Rufbusses" mit Kleinbussen dafür geeignet wäre. Dieses Angebot hat sich schon in anderen Gemeinden in Österreich bewährt, wie z.B. in Klaus an der Phyrnbahn unter der Bezeichnung "Dorfmobil". Dieses Angebot würde folgendermaßen funktionieren: Wenn sie einen Fahrtwunsch haben, melden sie sich per Telefon mindestens eine halbe Stunde vorher an. Sie geben dabei die Einstiegshaltestelle, die gewünschte Uhrzeit, die Anzahl der Passagiere und die Zieladresse bekannt. Sie finden sich bei der Einstiegshaltestelle zur vereinbarten Zeit ein und werden direkt zum gewünschten Ziel gebracht. Die Haltestellen sind sehr dicht im Tal verteilt, sodass sie von möglichst vielen Ausgangspunkten nicht mehr als 300 m dorthin haben. Sie bezahlen einen Fixpreis, der etwa in der Höhe der Linienbustarife liegt. Wir bitten sie um ihre Meinung zu so einem Angebot: Stimme eher voll zu Ich finde so ein Verkehrsangebot für das Defereggental sinnvoll. Kennen sie bereits ein ähnliches Angebot von woanders (z.B. in Virgen das Virger Mobil)? Nein Bitte beurteilen sie die Wichtigkeit der nachfolgend angeführten Benutzungsmöglichkeiten eines solchen "Rufbusangebotes": Nicht relevant / nicht wichtig Wichtig wichtig Für ihre persönlichen Erledigungsfahrten innerhalb der Gemeinde ohne Auto wie Arztbesuch, Einkauf, Besuch eines Gasthauses oder von Freunden. Für ihre persönlichen Erledigungsfahrten innerhalb des Defereggentales ohne Auto. Für Fahrten nach Huben zum Anschlussbus nach Lienz, wenn der Linienbus hier gerade nicht fährt. Für Fahrten vom Wohnhaus zur Bushaltestelle, um sich die Anfahrt oder den Fußweg dorthin zu ersparen. Für Fahrten von Familienangehörigen oder Nachbarn, die über kein Auto verfügen, damit sie unabhängig von Mitfahrgelegenheiten sind. Für Fahrten zum und vom Gasthaus, um mit ruhigem Gewissen etwas trinken zu können. Für Touristen, damit sie bei Tagesausflügen flexibler als mit dem Linienbus sind Für Touristen, damit sie ihr Auto weniger benutzen. Hier haben sie Raum für eigene Vorschläge. Bitte wenden!

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Welche Betriebszeiten s	ollte so ei	n "Rufbu	sangebot"	aus ihrer pers	sönlicher	Sicht haben?	
		Nein	Ja	25			
An Werktagen (N	/lo - Fr)						
Frül	nmorgens		→ vor	1U	hr bis	Uhr	
	süber		→ vor	1U	hr bis	Uhr	
	ends		→ vor	1U	hr bis	Uhr	
Nac	hts		→ vor	1U	hr bis	Uhr	
An Wochenenden un	d Feiertag	en 🔲 [
Frül	nmorgens	П	→ vor	1U	hr bis	Uhr	
Tag	süber		→ vor	1U	hr bis	Uhr	
Abe	nds		→ vor	1U	hr bis	Uhr	
Nac	hts		→ vor	1U	hr bis	Uhr	
Besitzen sie einen Führe	erschein?	·	Ja 📃			Nein	
Haben sie ständig einen PKW zur Verfügung?	Ja,	uneinges	chränkt	Ja, ei	ngeschrär	nkt	Nein
Wir bitten sie um ein pa	ar Angabe	en zu ihr	er Person:				
Geschlecht: Weiblich	N	/lännlich		Geb	urtsjahr:		
Wieviele Personen, sie	nit einge	rechnet,	leben in Ihr	rem Haushalf	?	ĺ.	
Höchster Schulabschlu	ss:		hule ohne hre	Pflichtschule Lehre	mit	Matura	Hochschule Universität
Beruf:		1155	<u> </u>	52 -11	Mona	lliches Hausha	ts-Netto-Einkommen:
Haushalt							
Schule / Studium		Selbstän	dige / freie B	erufe		Unter € 1.000,-	
In Berufsausbildung / Lehre		Leitende	Angestellte /	Beamte		€ 1.000 bis € 2.0	000
Pensionisten / Rentner		Sonstige	Angestellte /	Beamte		€ 2.001 bis € 3.0	000
Derzeit arbeitslos / arbeitssu	chend	Facharbe	iter			€ 3.001 bis € 4.0	000
Karenz		Andere A	rbeiter			Uber € 4.000	
Präsenzdienst / Zivildienst		Landwirte)				
Zum Abschluss haber Wenn sie denken, das jetzt die Möglichkeit, i ihren Namen und ihre nach Rücksendung fü	s ihnen noch mel Telefonr r ein Ges	ein dera hr zur G nummer	rtiges Ver estaltung in das Kä	kehrsangeb des Angebo stchen unte	ts beizu n ein, w	tragen. Bitte t ir werden sie	ragen sie dazu dann ca. 1 Woche
Name und Tel.		- 8e/ -	0.700	por a source	NI - 1072P	0.000 2.00	(a) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c
Bitte geben sie alle au sie es so bald wie mö							
			Open	d Slade-	_		
			year	. 0-0			FBNu
	Leiter des		ir Verkehrswe	OI Dr. Gerd San esen der Univer Straße 82, 1190	sität für Bo	denkultur Wien	

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5.3. Annex 3 - Example for questionnaire/survey in English



Survey conducted by



(name of interviewer and organisation)

Name of FLIPPER service (local name e.g.
Almada FLEXIBUS, Purbach GmoaBus)





Indagine sui passeggeri coIBUS

Questa indagine è condotta da SRM - Reti e Mobilità, agenzia per la mobilità e il trasporto pubblico locale per valutare la soddisfazione dei passeggeri e l'impatto del colBUS sul cambiamento delle abitudini di viaggio e sulla mobilità.

Tutte le informazioni saranno trattate con il più stretto riserbo e saranno utilizzate per motivi di ricerca e per il miglioramento della fornitura del servizio.

Date				lace								
Location				lighting lace								
This question is about	you.	It helps u	ıs to u	nderstar	nd your	tran	sport r	equire	ments.			
Your name (optional)												
Address												
Telephone						Pos	tcode					
Are you? [please tick]	Male			Female	9							
Which age group are you	Unde	r 14 years		14-18 y	ears		19-3	19-34 years				
in? [please tick]		35-59 years		60-75 y		Ove	Over 75 years					
Are you?	Full-time employed						Part-time employed					
[please tick one box that best	Full-time education/tra			aining Part-time education Permanently sick				ning				
describes your situation]	Unemployed Looking after home						Ret		itiy Sicr	Ć .		
	Looking after nome						INCL	iieu				
How many cars are there in yo [please tick]	your household?			0		1			2		3 or nore	
Do you have a valid driving lic	cence'	? [please tick	‹]	Yes		No						
IF YOU HAVE ACCESS TO A CAR - Indicate how often you are ab		Always			Day t	ime			Evenings			
to travel by car (your own or someone else's) [please tick]		Weekend	ds		Eveni week				Neve	Ī		
					5. 4.							
	Yes, ser citizen		Yes, reg disa	gistere bled	d	Yes, y		Yes	other	1	V 0	
Are you entitled to concession fares? [please tick]	nary											

Page 1





This question is about your use of the FLIPPER service

This question is about you	acc or the r Er		
What is the purpose of the trip you are making today?			
Before the FLIPPER service was launched how did you make the	car driver	car passenger	use other public transport service
trip you are making today? [please tick]	walk	didn't need to make the trip	wasn't able to make the trip
	1		
What fare are you paying for today's trip? [please tick]	Free	0 – 1 Euro	1 – 2 Euro
	2 – 4 Euro	4 – 6 Euro	More than 6 Euro
Approximately what distance is today's trip? [please tick]	Less than 1km	1 – 2 km	2 – 4 km
	4 – 6 km	6 – 10 km	More than 10km
How many other trips a week do you make using the FLIPPER	None	One	Two
service? [please tick]	Three	Four	Five or more
	y.		
What is the purpose of these trips?			
Before the FLIPPER service was	car driver	car passenger	use other public transport service
launched how did you make these trips? [please tick]	walk	didn't need to make the trip	wasn't able to make the trip
What type of ticket do you usually use? [please tick]	No ticket needed	Single	Return
	Season (weekly)	Season (monthly)	Other [please describe]
Before using the FLIPPER service how long did it take you to walk to the nearest bus stop to your home? [please tick]	Under 1 minute	1-2 minutes	3-4 minutes
	5-10 minutes	11-20 minutes	More than 20 minutes
Before using FLIPPER how long did it take to walk from your drop off point to your usual destination? [please tick]	Under 1 minute	1-2 minutes	3-4 minutes
	5-10 minutes	11-20 minutes	More than 20 minutes
With the FLIPPER service how long does it take you to walk to the nearest bus stop to your home? [please tick]	Under 1 minute	1-2 minutes	3-4 minutes
	5-10 minutes	11-20 minutes	More than 20 minutes
With the FLIPPER service how long does it take to walk from your drop	Under 1 minute	1-2 minutes	3-4 minutes
off point to your destination? [please tick]	5-10 minutes	11-20 minutes	More than 20 minutes





Your reasons for using the FLIF	PPER SERVICE [TICK ANY THAT APPLY]			
The bus service					
Low cost	Fast journey time	Fast journey time No parking problem			
Live close to bus stop	Frequent service	No car availa		available	
Service at suitable times	Good connections	E	Environmentally friendly		
At bus stops / booking office				400	
High safety at bus stops	Good state of repair and cle	Good state of repair and cleanliness			
Staff available to help	Staff are knowledgeable	Staff are knowledgeable			
On buses					
Good standard of driving	High safety on buses	High safety on buses		Buses are new	
Wheelchair access	Good state of repair and cle	Good state of repair and cleanliness		High comfort	
How did you find out about the FLIPPER service?					

Your satisfaction with the FLIPPER service

Tour Sausiaction with the FEILT E	11 001 1100				
How do you rate the following aspects of the FLIPPER service					
	Excellent	Good	Adequate	Poor	N/A
Waiting time at the pick up point					
Walking distance to the pick up point					
Suitability for disabled people					
Hours that the service is available					
Frequency that the service is available					
Reliability of the service					
Places served by the service					
Journey Time					
Cost of the ticket					
Availability of through ticketing					
Ease of making connections					
Ease of making bookings					
Ease of using the service					
Information about the service					
Overall satisfaction with the service					

	More	Less	No change
Would you travel by Public Transport more or less if more services were like the FLIPPER service? Inlease tickl			

Any other comments about the FLIPPER service?	