



Helping Europe respond to the impact of climate change

User Consultation (WP2)

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Objective of WP2

Determine **requirements** for a data access platform and climate impact toolkit through **consultation** across a **range of users** and **engaging data and information users** and **providers** to ensure the portal will **match needs** of a broad user community

Tasks, deliverables, milestones

Tasks

T2.1 - User needs strategy development (M: 1-9)

T2.2 - User requirements capture (M: 1-18)

T2.3 - Users' evaluation (M: 21-36)

Deliverables

D 2.1 User requirements, part 1 (M3)

D 2.2 User requirements, part 2 (M12)

D 2.3 User evaluation (M32)

Milestones

MS4 Establishing user groups (M 9)

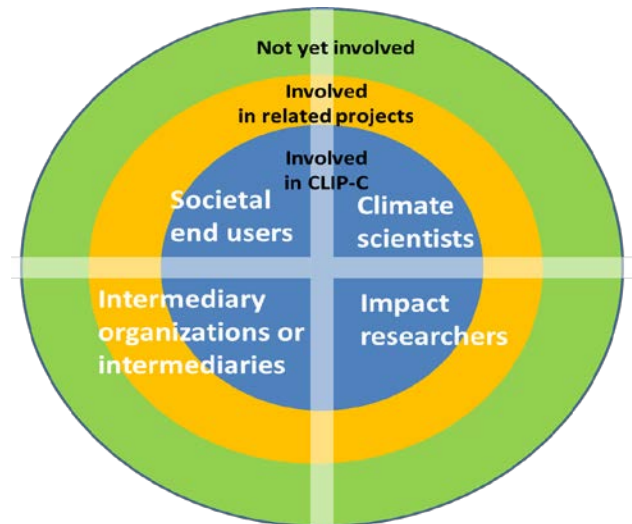
MS5 Requirements Workshop (M16)

MS 6 User evaluation report (M28)

MS7 User requirements paper (M34)

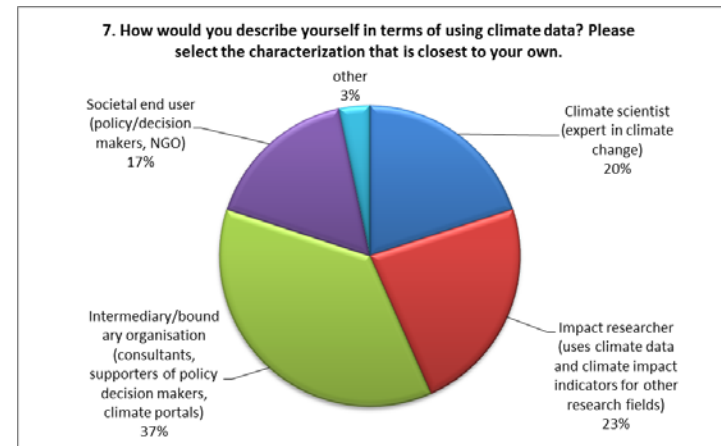
Task 2.1: User needs strategy development (achievements)

- Review of past and ongoing projects
- Four different user categories
- User interaction strategy defined per priority user category
- First insights in user requirements
- Deliverable 2.1



T2.2 : User requirements capture (achievements)

- Meetings
- Database > 500 potential users
- Online survey: 73 pos. responses



- Qualitative interviews: 25

	Climate scientists	Impact researchers	Intermediaries (or boundary workers)	Societal end users	Climate scientists/ Intermediaries	Impact researchers/ intermediaries
No. of respondents	8	8	4	2	2	1

- User requirement workshop (Feb, 2025): 25 participants + 14 CLIPC participants
- Deliverable 2.2

Comparing questionnaire, interviews, user workshop: focus

Online questionnaire	Qualitative interviews	User workshop
Sources used for data retrieval	Sources used for data retrieval	Climate data format & access and finding the data
Reasons for data retrieval	Reasons for data retrieval	Architecture and user interface
Strengths and weaknesses of portals	Strengths and weaknesses	Impact data processing and exploration tools
Preferences	Requirements + challenges (content, functionalities)	Added value of CLIPC
User involvement		

Comparing questionnaire, interviews user workshop: requirements (examples)

	Specifics	'Confirmed' requirements – added value
Survey	Scientific correctness, quality underlying data	<ul style="list-style-type: none"> • Guided search function • Open access • Ability to chose data format • Info on meta data • Sustainability of portal <p>Added value –challenges</p> <ul style="list-style-type: none"> • Avoid redundancy - direct acces to core datasets, harmonized metadata, post processing tools + indirect access to additional datasets • Standardization • (Personal) selection and browsing tool • Dynamic interface
Interviews	User friendliness; guided search; help desk function and personalisation of portal	
Workshop	No sharp distinction in design between highly skilled and less experienced users	

Next steps: User evaluation through consultations: objectives (task 2.3)

- Assist in **development of portal** to ensure relevance to user categories
- **Provide other WPs with suggestions** to address trade-offs between technical possibilities and needs of users and/or trade-offs between different users' groups
- PR
- Ensure **continuity of the consultation** and as such **commitment** of users
- Prepare **user evaluation workshop** by further specifying areas of users' requirements and worries

Next steps: Future user consultation -content

- Driven by services, deliverables and milestones
- Shaped by identified user requirements (excel sheet)

User requirements per WP.xlsx - Microsoft Excel

File Home Insert Page Layout Formulas Data Review View

Paste Cut Copy Format Painter Clipboard

Calibri 11 Font

Alignment

General Number

Conditional Formatting Styles Cell Styles

Insert Delete Format Cells

E7		2nd half 2015					
	A	B	C	D	E	F	G
1	WP7 Impact indicators and functions						
2							
3	User Requirements to take into account in the development of CLIPC						
4							
5	Theme	Service	User requirement	Type of user/source	Timing	Out of scope?	Remarks
6	Data access/selection	Data catalogue	Selection of output format	Impact researchers	2nd half 2015		From WP7 side of possible since we will transform all to netcdf for WP4/3 integration – check WP3 for formats. First online questionnaire/interviews?
7		Data catalogue	It would be good to have an indicator spanning from observational data through seasonal to long-term projections	Intermediaries	2nd half 2015		Version 1. 2nd online questionnaire/interviews?
8		Data catalogue	Standardized data sets are needed; time consuming if data first has to be sorted by each variable	Intermediaries	2nd half 2015		6 for tier 2 and 3 indicators. I believe possible for Tier1 (Lars?) 2nd online questionnaire/interviews?
9		Data catalogue/ processing environment/ search	Select time frequency, e.g. daily, monthly, sub-daily	Climate scientists	2nd half 2015		6 for tier 2/3 indicators of for tier1 but need to check with Lars/Julliane/Milka. 2nd online questionnaire/interviews?
10		Data catalogue	Let the system choose your timeframe for you if it doesn't fit into the searched data.	Climate scientists	2nd half 2015	maybe	Ask WP4/3 user interface? 2nd online questionnaire/interviews? Still doubts if we can provide
11		Data catalogue	Some sort of different levels showing simplified data versions that can be expanded to show more details	Impact researchers	1st half 2016	questionable	WP3/4? ??? questionable for WP5 coord.
12		Data catalogue	Vulnerability indicators: more useful in development of adaptation options than just impact indicators (which do not consider adaptive capacities).	Intermediaries	1st half 2016	yes	6 On the list what CLIPC will not provide
13		Data catalogue	You want to disregard the data that only has a part of the timeframe, you want to get a datasets that have your whole timeframe in there	Climate scientists	2nd half 2015	yes	6 On the list what CLIPC will not provide
14		Data catalogue/ processing environment	Some would appreciate "on-the-fly" tools (e.g. for screening) but for specialised purposes use their own tools.	Impacts researchers; storylines	2nd half 2015		WP3/4? or WP8? Moved to Wp3 2nd online questionnaire/interviews?
15		Processing environment	CLIPC can and should be used by impact researchers to set up processes that allow end users to go there and get on-the-fly info they need.	Impacts researchers	2nd half 2015	yes	6 On the list what CLIPC will not provide



Next steps: Future user consultation - methods

- **An on-line survey (per user category or mixed):**
 - key questions/issues addressed
 - Scoring on effectiveness, ease of access, clarity and relevance
 - Comments, concrete suggestions for improvement.
- **6 to 8 qualitative interviews** to deepen the on-line survey and address “exercise to test a part or a tool
- **Virtual consultation workshops**

Timing: to be further defined during GA

Services /component (viewer, search, dataset catalogue , processing environment, glossary background, basic portal pages, thematic description..	Portal version	Month	Which requirement user workshop can be addressed ? (excel.)
<ul style="list-style-type: none"> • CLIPC viewing services, • MyCLIPC processing mockups, • Data set catalogue format 	Version 0,1	June 2015?	
<ul style="list-style-type: none"> • MyCLIPC processing service with user authentication, • Data discovery • Annotation • Glossary integration • Upgraded viewing service 	Version 0,2	Nov. 2015?	
All services, but not integrated	Version 1	Feb 2016?	
Upgraded version of 1.0	Version 1.1	May 2016?	
Final CLIPC portal	Version 2	Oct 2016	

Future consultation: Preparation and management

- **Interactions between WP2 and other WPs**
 - ✓ **WPs ↔ WP 2:** to further define the topics, developing the survey and qualitative inquiry
- **A “consultation toolbox”** to ensure the coherence of the different steps of the consultation :
 - ✓ Format for on-line surveys (google based)
 - ✓ Interview guides
 - ✓ Method for organizing appointments with interviewees via "Doodle".



THANK YOU!