



ODYSSEE-MURE
Regional Meeting April 25th 2023

***Database on sufficiency measures and
usefulness for MURE***

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Agenda

- Sufficiency practices
- Examples from Germany
- Sufficiency policy database
- Sufficiency in MURE

In principle, different levels of action are possible:

- EU or Member State (MS)
- region
- local (e.g. municipality)
- community / citizen

In practice, most of the actions are implemented at the local level (or even below). The actions are initiated or supported by institutions or entirely initiated and implemented by citizens.

Types of actions:

- Governance
- Planning
- Infrastructure

Specific policies and measures:

- Regulation
- Information
- Incentives
- Capacity building and networking
- Promotion of services

Scope:



Main strategies:

- Reduction in size
 - ✓ Smaller appliances, smaller flats...
- Longer lifetime
 - ✓ Using products for a longer time
- Switch from owning to sharing
 - ✓ Avoiding buying unnecessary objects
 - ✓ Decreasing the number of products to be manufactured
- Reduction in number/amount
 - ✓ Fewer products, less resource consumption...
- Behavioral change
 - ✓ Different use patterns (e.g. lower heating temperature...)

Reducing the average living area:

- Existing buildings:
 - ✓ sharing (not often) used areas: extra rooms, guest room, laundry.
 - ✓ optimization of living areas, balance between overcrowded and under-crowded
 - ✓ mixed use of the buildings (e.g. use of schools on the weekends)
 - ✓ using the existing empty buildings instead of building new
- New buildings:
 - ✓ setting policies on the new construction
 - ✓ designing flexible areas (for different usages and ages)



Raising awareness:

- Alternative living forms (e.g. multi-generation, shared flats)
- Options for the existing buildings (division, alteration)
- Adjusting to the needs (exchange, rent and share of the space)



Landlords

Project:

Municipalities innovative living spaces

Aim:

Promoting the usage of underutilized living space, matching the demand and offer

Highlights:

- Consulting offers for (older) landlords
- Information on different options (e.g. selling, division, renting, ...)

www.oeko.de/lebensraeume



Adjustment of space to the need



Tenants

Project:

Platform for exchanging houses/flats

Aim:

Facilitating the move to the more suitable flats

Highlights:

Support from the city for finding the suitable place and also for moving

<https://www.wohnungstauschduesseldorf.de/>

<https://inberlinwohnen.de/wohnungstausch/>

The screenshot shows a search interface for 'Tauschwohnung' (housing exchange). The title is 'Wo möchten Sie leben?' (Where do you want to live?). Below the title, it says 'Felder mit einem Stern* sind Pflichtfelder.' (Fields with an asterisk* are mandatory). The form includes several input fields: 'Ort*' (Location) with a dropdown menu showing 'Düsseldorf oder Stadtteil oder PLZ auswäh...', 'Radius' with a dropdown menu showing '0 km', 'Art' (Type) with radio buttons for 'Wohnung' (selected) and 'Haus', 'Max. Kaltmiete' (Maximum cold rent) with a text input field and a Euro symbol, 'Min. Zimmer' (Minimum rooms) with a text input field, 'Min. Größe' (Minimum size) with a text input field and a square meter symbol, and 'Etage' (Floor) with two dropdown menus for 'Min.' (smaller 0) and 'Max.' (larger 5). At the bottom, there are checkboxes for 'Ausstattung (innen)' (Interior equipment): 'Aufzug' (Elevator), 'Gäste-WC' (Guest toilet), 'Badewanne' (Bathtub), 'Keller / Abstellraum' (Basement / Storage room), 'Dusche' (Shower), and 'Einbauküche' (Built-in kitchen). A blue 'Suchen' (Search) button is located on the right side of the form.

Using the unused space



Temporary use

Project:

Zwischennutzung (intermediate use)

Aim:

Matchmaking between offered space and current demand for space: exhibition space, offices, studios, etc.

Highlights:

- Initiated by the city
- Advice on content-related and organizational issues

<http://team-zwischennutzungen.de/>



<https://hauserstatistik.org/modellprojekt/>



Project:

“Environmentally friendly mobile” (Heidelberg)

Aim:

Promoting of using public transport instead of private car

Highlights:

Free annual public transport subscription for people deregistering a car

<https://www.heidelberg.de/892729.html>



Project:

“Environmentally friendly mobile” (Heidelberg)

Aim:

Promoting environmental friendly transport

Highlights:

Purchase of a cargo bike or trailer

<https://www.heidelberg.de/hd/HD/Leben/Umwelt+Foerderprogramme.html>

Sharing, lending and giving



Projects:

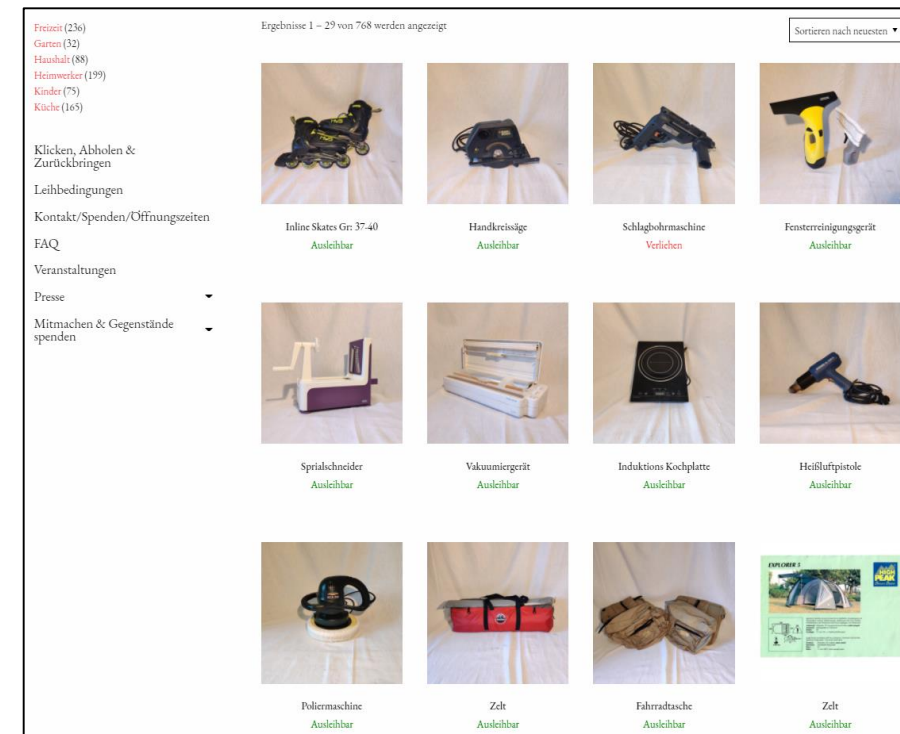
- Leih.lokal in Karlsruhe (Community Foundation)
- CONSUM in Berlin (part of *Re-Use Berlin*)

Aim:

Avoiding the purchase of products that are rarely used by lending them in lending shops/centres

Highlights:

- Lending (usually no cost for a short time)
- Any kind a products (bags, tools, IT,...)
- Non bureaucratic





<https://energysufficiency.de/en/policy-database-en/>

- Research project “EnSu - Energy Sufficiency in Energy Transition and Society”
- Funded by the Federal Ministry of Education and Research (BMBF)
- List of around 300 measures
- From existing literature and databases, scenarios, NECPs, exchanges with experts

Sectors	Sufficiency types	Instrument types
<ul style="list-style-type: none">• Buildings• Cross-sectoral• Industry/Production• Land use and food• Transport• Transport (freight)	<ul style="list-style-type: none">• Avoid:<ul style="list-style-type: none">○ Reducing trips and traffic○ Enhancing product lifetime○ Decreasing the living space• Shift:<ul style="list-style-type: none">○ High energy to low energy mode• General	<ul style="list-style-type: none">• Economic• Education• Fiscal• Information• Regulation• R&D• Voluntary agreement

Energy sufficiency policy database



Policy Database for download *

Licence: Creative Commons Attribution 4.0 International (CC BY 4.0).
 Citation: Zell-Ziegler, C., Best, B., Thema, J., Wiese, F., Vogel, B., Cordroch, L. (2022). European Sufficiency Policy Database [Data set]. Energy Sufficiency Research Group. <https://energysufficiency.de/policy-database/>

Clear filters

Show 10 entries

Search:

ID	Sector	Policy strategy	Measure / action	Policy Instrument	Time -> impact	Sufficiency type	Instr. Type
ID	filter	filter / search	filter / search	filter / search	filter	Sufficiency type	filter
0	explanation / metadata	Targeted goal of policy instrument	Activity induced by policy instrument to reach the goal	Unique name of the policy instrument that explains the policy to some extent	Rough estimate of time betw. implement. & impact	avoid/shift/improve, see Best et al. (2022)	Instrument types acc. to UNFCCC (2000)
1	Land-use & food	Reduction of live stock	Diet shift	Animal protein tax	short	shift	economic
2	Land-use & food	Reduction of live stock	Diet shift	School-based programs	medium	shift	education
3	Land-use & food	Reduction of live stock	Diet shift	Food labelling	medium	shift	regulation
4	Land-use & food	Reduction of live stock	Diet shift	Mass media campaigns	short	shift	information
5	Land-use & food	Reduction of live stock	Diet shift	Action plan on mass catering	medium	shift	other
6	Land-use & food	Reduction of live stock	Diet shift	Diet shift: voluntary self-commitment of employers/cantines	short	shift	voluntary agreements
7	Land-use & food	Reduction of live stock	Diet shift	Research and development for better meat substitute products	medium	shift	research and development
8	Land-use & food	Reduction of live stock	Diet shift	Masterplan with nutritional recommendations compatible with the Paris Agreement	long	shift	other
9	Land-use & food	Reduction of live stock	Diet shift	Taxation of animal products	short	shift	economic

Showing 1 to 10 of 291 entries

1 2 3 4 5 ... 30

<https://energysufficiency.de/en/policy-database-en/>

European Sufficiency Policy Database – Additional information

Buildings

Policy strategy: Reduce living space



Policy strategy: Using existing buildings for living space



Policy strategy: Sustainable urban- and settlement development without new sealing



Policy strategy: Limits to Consumption



Energy sufficiency policy database

Buildings

Policy strategy: Reduce living space

Measure / action: Sufficiency-oriented moving and living

Policy Instrument ID 28: Moving bonus

Description: Moving bonus in case of switching from a bigger to a smaller flat (size/living space must be regional average or below)

ID ▲	Sector ▲	Policy strategy	Measure / action	Policy Instrument	Time -> impact ▲	Sufficiency type ▲	Instr. Type ▲
ID	<input type="button" value="filter"/>	Reduce	filter / search	filter / search	<input type="button" value="filter"/>	Avoid	<input type="button" value="filter"/>
27	Buildings	Reduce living space	Sufficiency-oriented moving and living	Right to exchange flats	medium	avoid	regulation
74	Buildings	Reduce living space	Sufficiency-oriented building modifications	Design of development plans with diverse and mixed use	medium	avoid	regulation
318	Buildings	Reduce living space	Sufficiency-oriented building modifications	prioritise refurbishment over new construction	short	avoid	regulation

Sufficiency measures - MURE

Measures with regard to their impact on energy sufficiency, i.e. the voluntary reduction of energy-consuming activities (goods and services)

Sufficiency types:

- Avoiding → e.g. not travelling to a certain destination
- Substituting → e.g. modal shift
- Adjusting → e.g. appliance size, room temperatures

The screenshot shows the MURE database interface with three tabs: 'Database', 'Radar graph', and 'Summary Table'. The 'Database' tab is active. It features a search bar with the placeholder text 'Enter text to search in measures'. Below the search bar are three dropdown menus for 'Sector', 'Countries', and 'Energy poverty & sufficiency'. The 'Energy poverty & sufficiency' dropdown is expanded, showing four options: 'Energy poverty' (disabled), 'Sufficiency' (selected), 'Avoiding/Ceasing of energy services' (disabled), 'Substitution of energy services' (disabled), and 'Adjustment of energy services' (disabled). The 'Sufficiency' option is highlighted with a red box.

	Cross-cutting	Household	Industry	Services	Transport
Sufficiency (all categories)	11	3	1	4	17
Avoiding/Ceasing of energy services	5	0	0	0	7
Substitution of energy services	7	0	1	1	12
Adjustment of energy services	10	3	0	3	4

- Established database with around 300 measures
 - Focus is not only energy efficiency
 - Differences in the definition
-
- Inspiration for MURE measures
 - Good example for identifying the sufficiency measures



Thank you for your attention!



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Sharing the space



Project:

Housing For Help

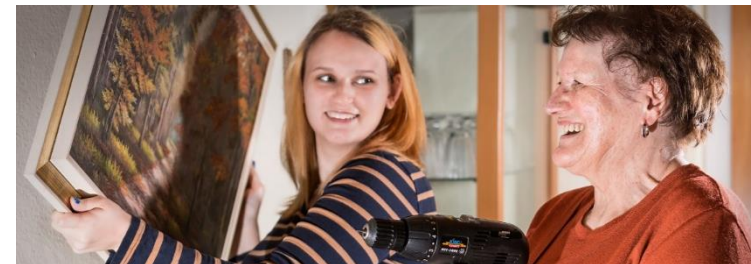
Aim:

Bringing student looking for a room and people looking for a tenant together.

Highlights:

Reduction in rent in return for chores done by the student.

<https://www.swfr.de/wohnen/wohnen-fuer-hilfe/wohnen-fuer-hilfe>



<https://www.paritaet-ka.de/>



Mediator role

Project:

Raumteiler: Mediation platform for matching the offers and demands

Aim:

Supporting the ones that cannot easily find a place to live (e.g. refugees, people with disabilities)

Highlights:

- Collaboration of the municipality, volunteers, tenants and landlords
- Support for various administrative works

<https://www.raumteiler-bw.de/>



Are you an **OWNER** and want to offer living space?

>> all information can be found here



Are you a **VOLUNTEER** and want to get involved in housing brokerage?

>> Here you will find suggestions for your commitment



Are you a **TENANT** and looking for suitable living space?

>> all information can be found here

**Project:**

Variowohnung Funding scheme

Aim:

Supporting model projects for sustainable and affordable apartments

Highlights:

- Sets the upper limit for the living area of the single apartments (30m²)
- Evaluating the construction and use of so-called vario-apartments

<https://www.zukunftbau.de/programme/variowohnungen>

Project:

Regional funding program

Aim:

Supporting the construction and modification measures to create new rental housing

Highlights:

Regulated apartment size: 1-room apartment < 45m², 2-room apartment < 60m², ... every extra room adds 15m².

<https://wm.baden-wuerttemberg.de/>

Reducing share of private cars



Project:

Stadtmobil

Aim:

Promoting the use of shared cars

Highlights:

Easy to use app, contactless process of renting, large pallet of vehicles, station and free-floating

<https://www.stadtmobil.de/>



Project:

fLotte: lending of cargo bikes

Aim:

A city for people - without parked streets, without bad air and without climate pollution

<https://flotte-berlin.de/>





Project:

Next bike (nation wide)

Aim:

Offering easily accessible transport

Highlights:

- Free-floating
- Possibility to report the issues on the bikes

<https://www.nextbike.de/de/>



Promoting pedestrian traffic



Project:

FUSS, local pedestrian traffic strategies

Aim:

Establishing an alliance of cities with pedestrian traffic as a quality feature

<https://www.fussverkehrsstrategie.de/>





Project:

Re-Use Berlin (supported by the city of Berlin)

Aim:

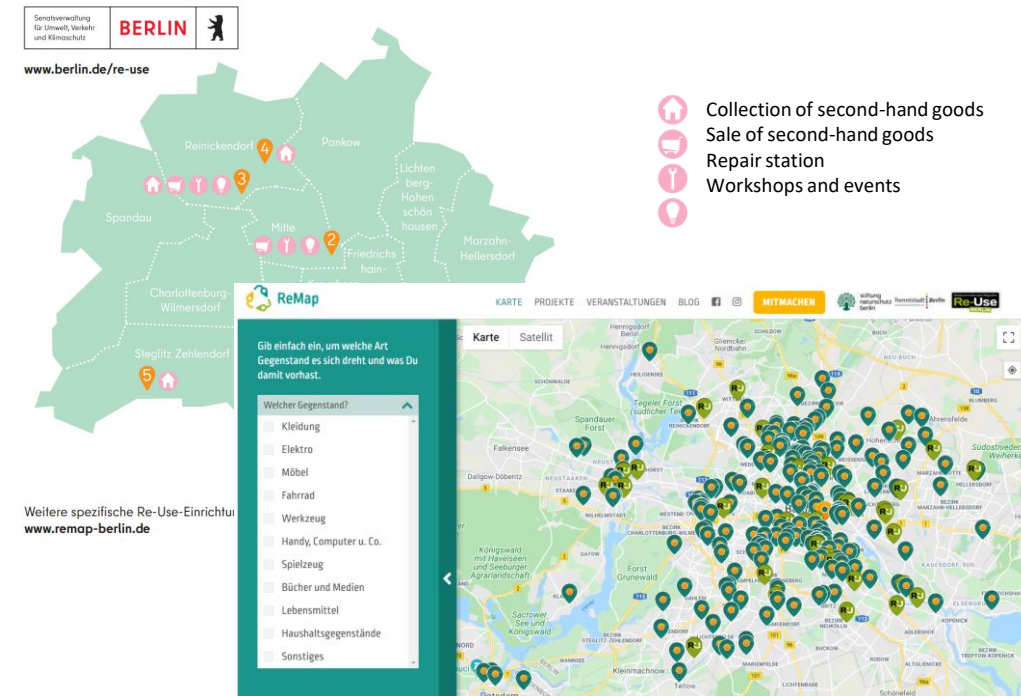
Reuse of the used clothes, furniture...

Highlights:

- A-GAIN GUIDE: a digital platform for the sustainable use of clothes
- Re-Use Superstores and centres
- ReMap: Guide

<https://www.berlin.de/sen/uvk/umwelt/kreislaufwirtschaft/projekte/re-use-berlin/>

RE-USE-ZENTREN IN BERLIN



Reduce packaging/ Zero waste



Projects:

- Concept of „unpacked“ shops
- Established in almost in any city (many are members of *Unverpackt e.V.*)

Aim:

Prevention of rubbish and waste

Highlights:

- The products are usually offered without packaging and customers can use their own containers
- Refrain from single-use packaging
- Promote reusable, recyclable or compostable products



<https://www.gls.de/privatkunden/>



Projects:

- concept of „repair cafe“
- 2200 worldwide

Aim:

Repair / extend lifetime instead of replace / buy a new one

Highlights:

- Temporary self-help/DIY workshop for repairing everyday objects
- Free meeting places to repairing products (together with a specialist)
- Tools and materials available



<https://repaircafe.org/en/>