

# Circular Valuer Skills

22.07.25

*Kunst-Stoffe, Berlin*



REUSE CITY

**gig** GLOBAL  
INNOVATION  
GATHERING



All

Images

News

Books

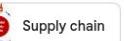
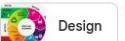
Videos

Products

Finance

More

Tools



European Parliame...  
Circular economy: ...



Ellen MacArthur Foundation  
What is a circular economy? | Ellen ...



FORTINA  
Einführung eines Ansatzes der ...



CTI Tool  
3. CTI Tool - Circular econom...



Amtivo  
What a Circular Econo...



Forest Stewardship Co...  
What is a circular eco...



Umweltmission  
Circular Economy – die Zukunf h...



Wikipedia  
Circular economy - Wikipedia



EcoMatcher  
Circular Economy: What Is It, Why Do...



ndion  
Design | Circular Economy: Jetzt g...



Stimulo  
A new economy. Circu...



Exenia  
Circular Economy | Ex...



The Conversation  
Explainer: What is a circular e...



BAM  
BAM - Circular economy



FKuR  
Circular Economy



Sustainable Macleod  
Circular economy: what's it all about ...



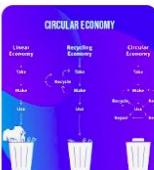
EFQM  
EFQM Circular Economy Lens - EFQM



Conversations Merri-bek ...  
Circular Economy Strateg...



ICS Career GPS  
Why the circular economy is th...



Haufe Akademie  
Circular Economy im ...



LinkedIn  
Circular Economy: A ...



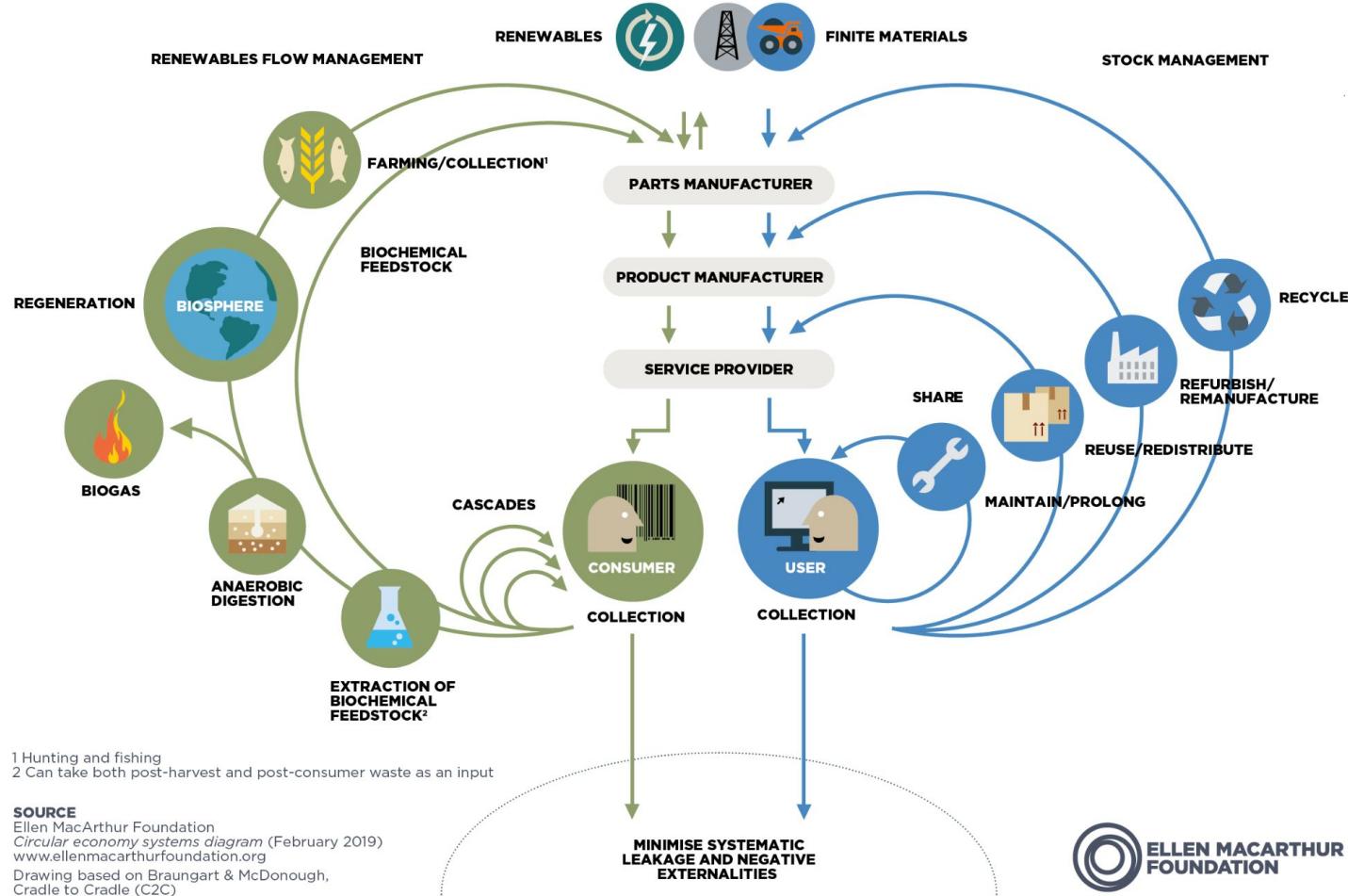
Circular Economy Initiative  
Circular Economy Roadmap for...



JPT - SPE  
Circular Economy: A Sustaina...



Bertelsmann Stiftung  
Circular Economy

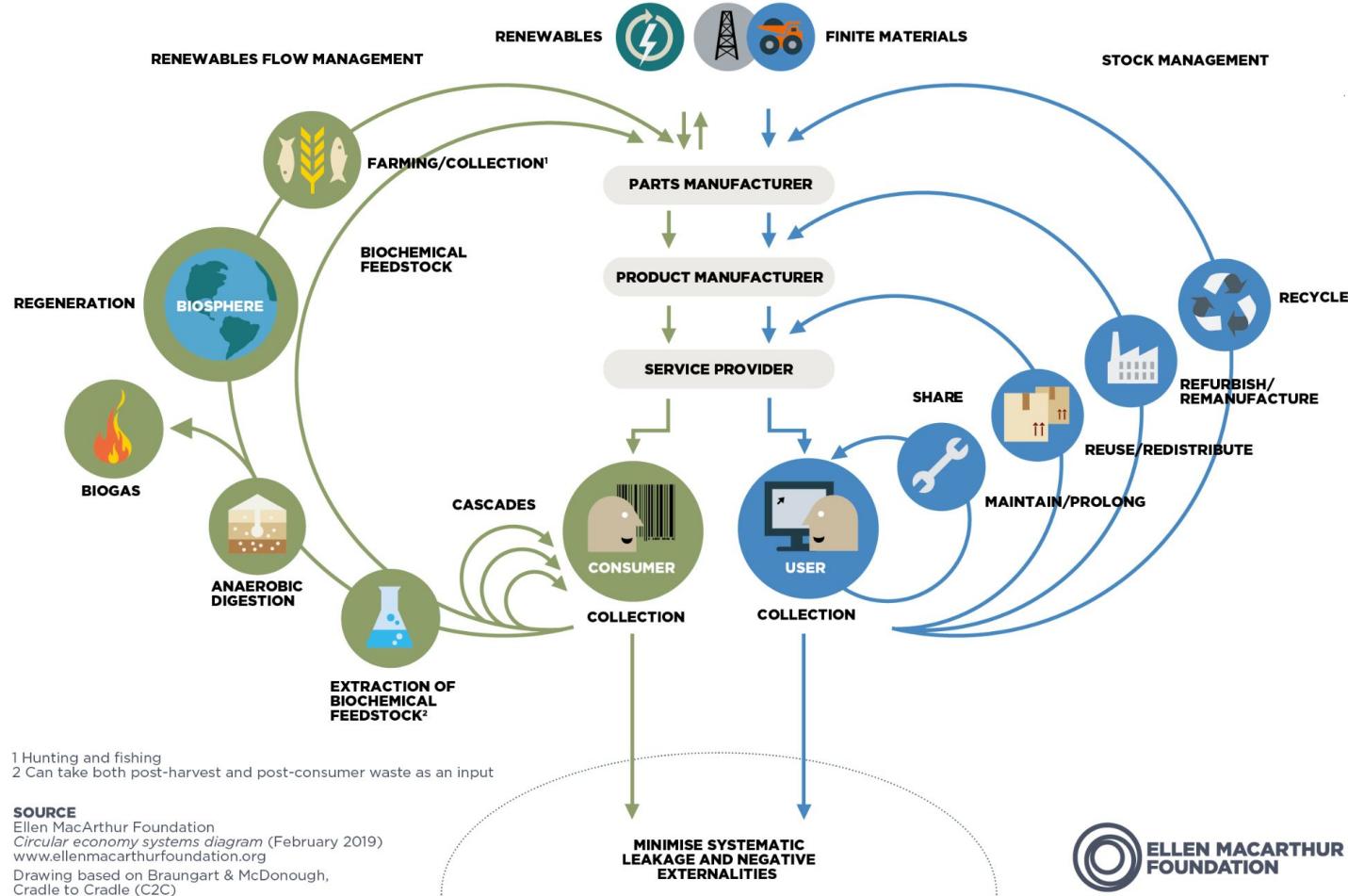


# Future outlook: positive (in theory)

- EU Waste Framework Directive
- Circular Economy Action Plan
- European Green Deal
- Ecodesign
- Right to Repair

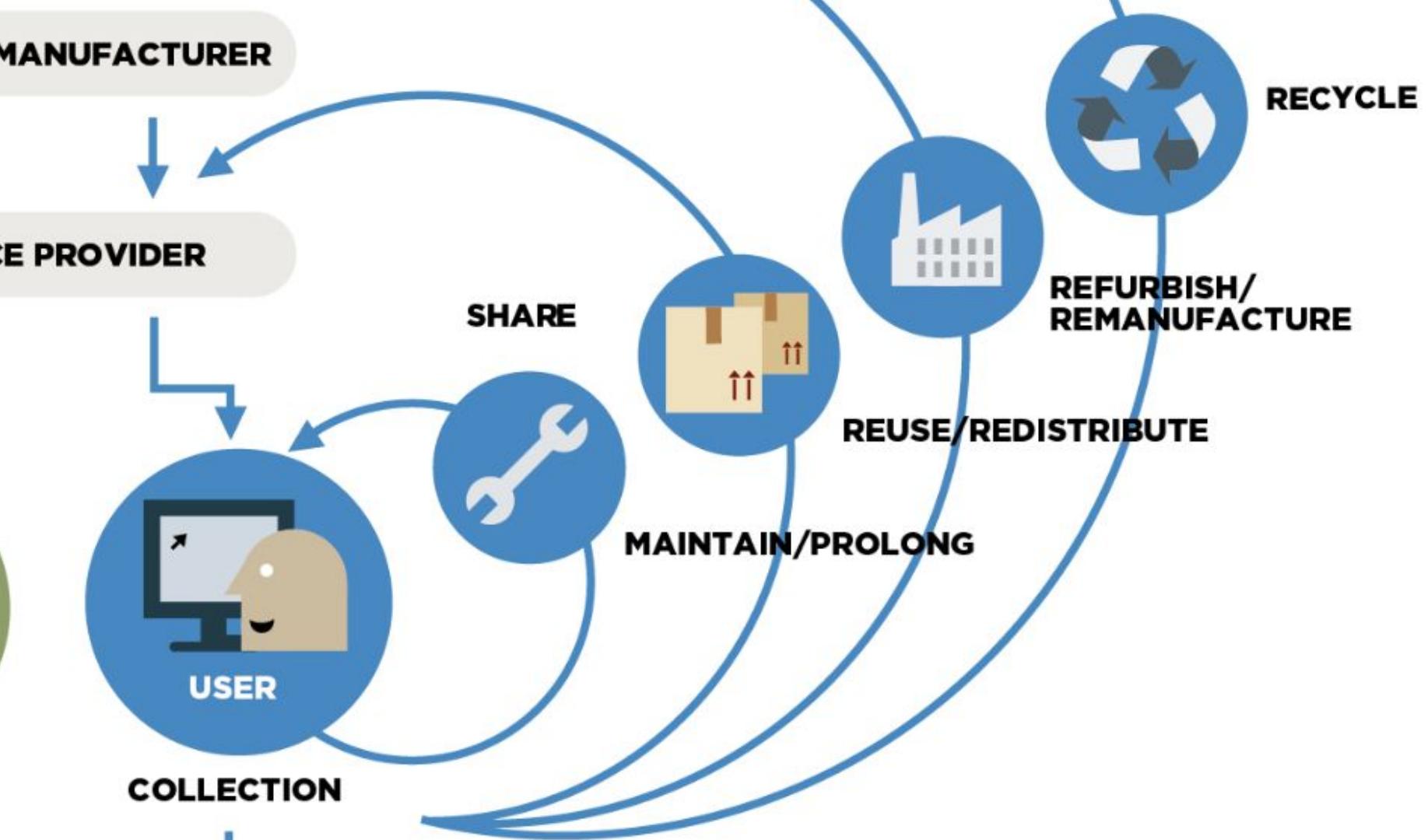
A wide-angle photograph of a yellow excavator operating in a vast, sprawling landfill. The ground is covered in a thick layer of trash, including plastic bags, bottles, and other debris. The excavator's arm and bucket are visible, digging into the waste. The scene is set under a clear sky.

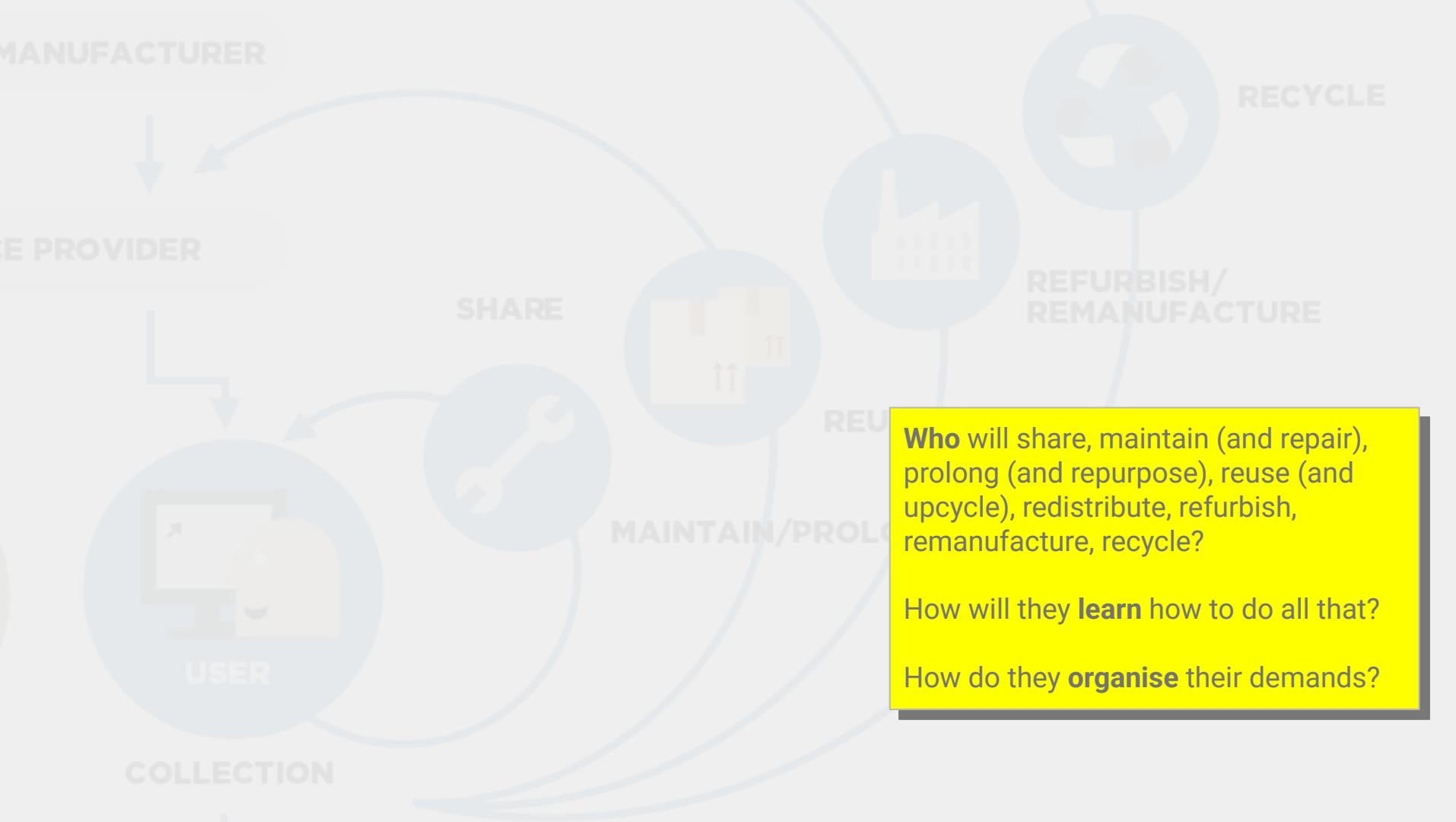
But this is the present...



<sup>1</sup> Hunting and fishing

<sup>2</sup> Can take both post-harvest and post-consumer waste as an input





**Hypothesis:**  
*Circular Material Valuers*



MetaReciclagem network  
(Brazil - 2002-2012)

Generous cities –  
weaving commons-oriented systems for  
the reuse of excess materials in urban  
contexts

Felipe Schmidt Fonseca

PhD

2023

<https://wiki.reuse.city/>

# Le travail de valoriste

Les valoristes ont pour objectif principal de détourner les flux de matières destinés à la destruction. Ils collectent, trient ou conseillent les clients, ils mobilisent un vaste faisceau de compétences.

Transporter, sélectionner et évaluer la matière est  
un travail du corps, mais également du regard.



Recyclage



Dépôts





Page indisponible...  
erreur 500

accueil > page indisponible

«»» | CONTACTER  
UN CONSEILLER

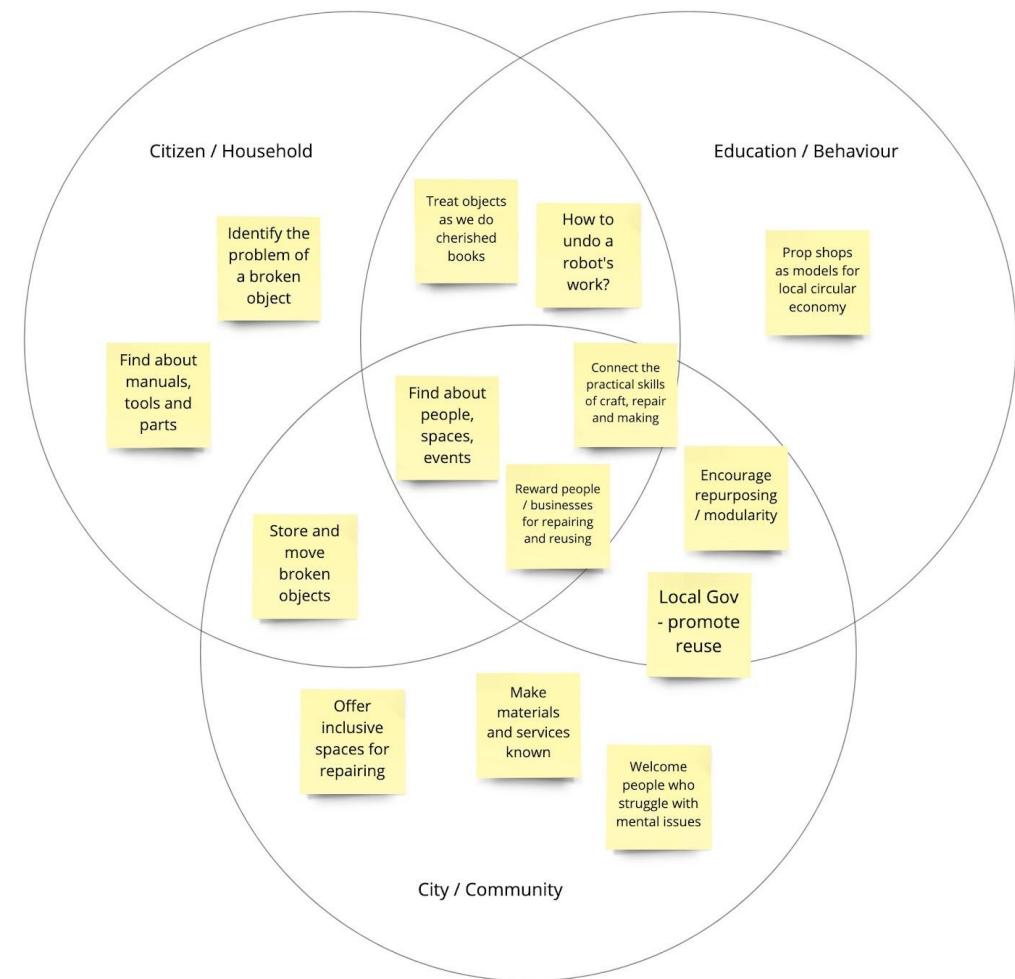
UN  
CONSEILLER  
A VOTRE  
ECOUTE

PRÈS DE  
CHEZ VOUS

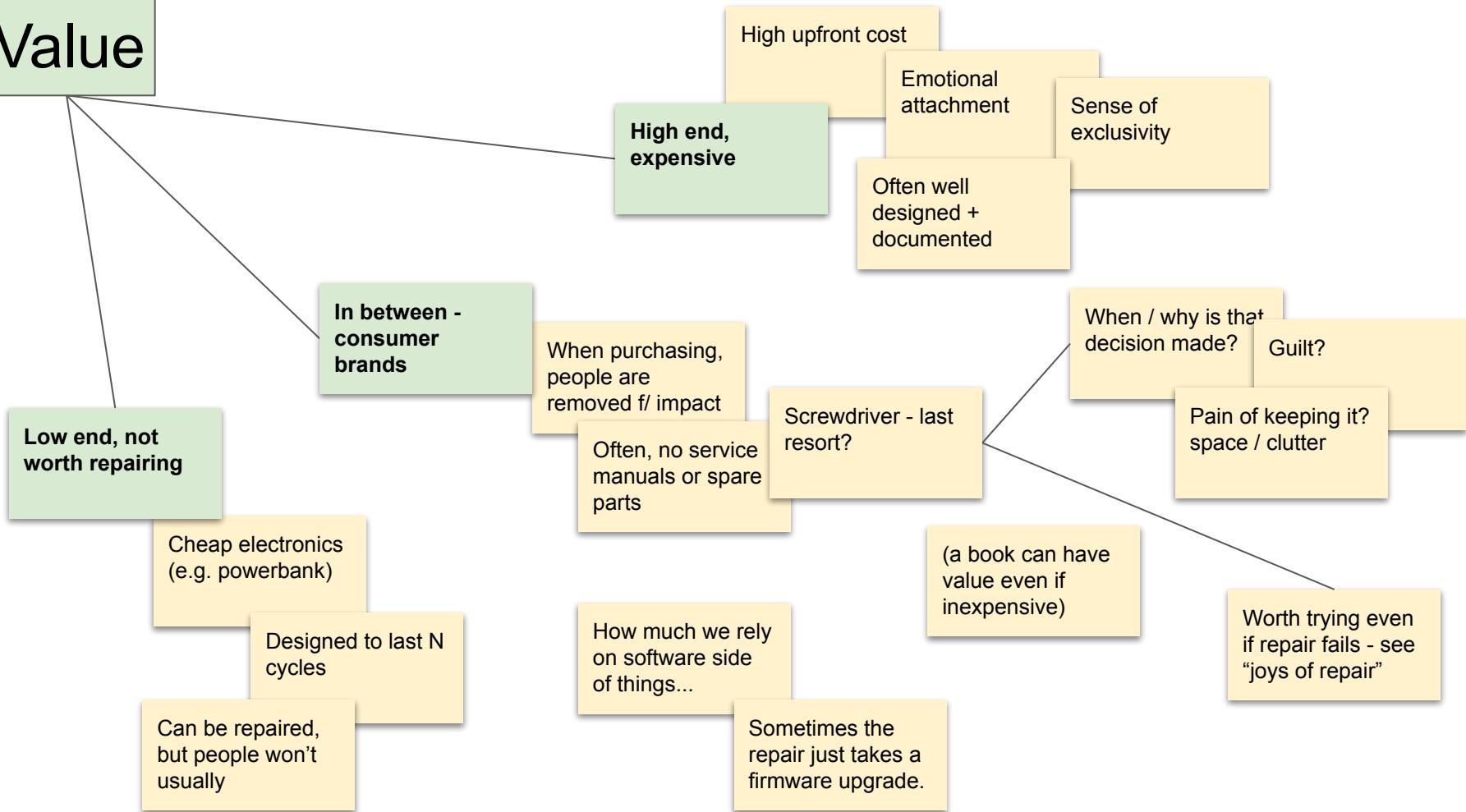
"hoops" John Server

Une erreur s'est produite pendant la connexion au serveur et la page demandée ne peut pas être chargée.

Merci de renouveler ultérieurement votre demande.



# Value



## Process of repairing

1 Investigate story of the object

2 Clean its outside

3 Open it up

4 Identify the problem

5 Repair / repurpose

Service manuals

Clean internals

Learn how things are made

Prior experience

Buy tools / replacement parts

## Joys of repair

Overcome planned obsolescence

Document - be useful to others

Avoid damage / environmental impact

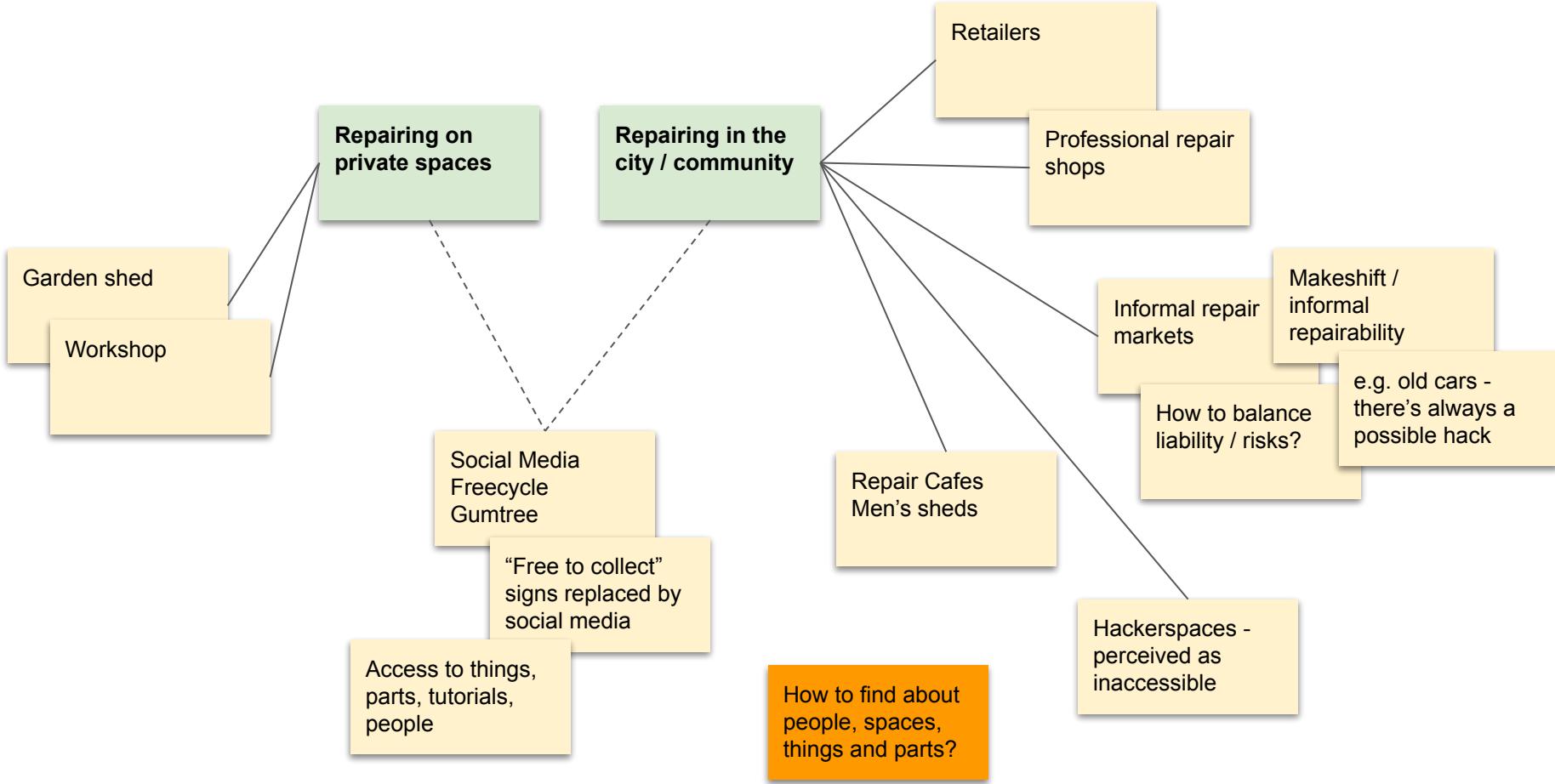
## Social value of repair/reuse

Internet

Play / Experiment

Use alternative parts

Transform



# Design Concepts

1/8

## Universal Registry of Things

*Open database*

Information about as many types of objects as possible.



2/8

## Point and Reuse

*App / Website*

Allows users to quickly evaluate the potential value of an object.



3/8

## Save This Thing

*App / Website*

Geo-referenced open directory of reuse alternatives with user evaluation / reputation system.



4/8

## Make Waste Visible

*Urban Interventions*

Expose the volume of waste generated by towns and cities.

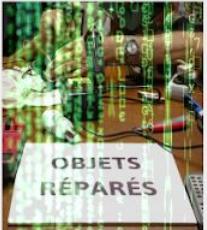


5/8

## Data on Reuse

*Open Dataset*

Data about different kinds of reuse of materials in urban environments.



6/8

## Reuse Bin

*Urban Service*

Track your donations.



7/8

## Transformation Lab / Shop

*Blueprint*

Urban infrastructure for reuse / upcycling of materials.



8/8

## Reuse Commons

*Urban Service*

Collective stewardship of post-consumption materials.





# reuse.city

online co-design lab

*prototyping tech to reuse stuff*

5th - 30th April 2021



SIGN UP NOW



TELL ME MORE

# Reuse Commons - a toolkit to weave generous cities



Storage



Repair



Transportation



Sensor data



Neighbourhood



Dataset



App



Manufacturer



Map



Community



Recycling



Local Authority

## Details

### DOI

DOI [10.5281/zenodo.7432153](https://doi.org/10.5281/zenodo.7432153)

### Resource type

Conference paper

### Publisher

Hogeschool Rotterdam

### Imprint

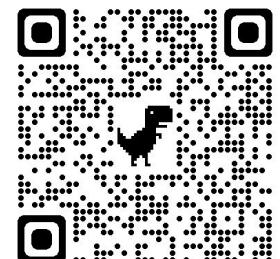
Proceedings of the Fab 17 Research Papers Stream, 123-133. Rotterdam, The Netherlands.

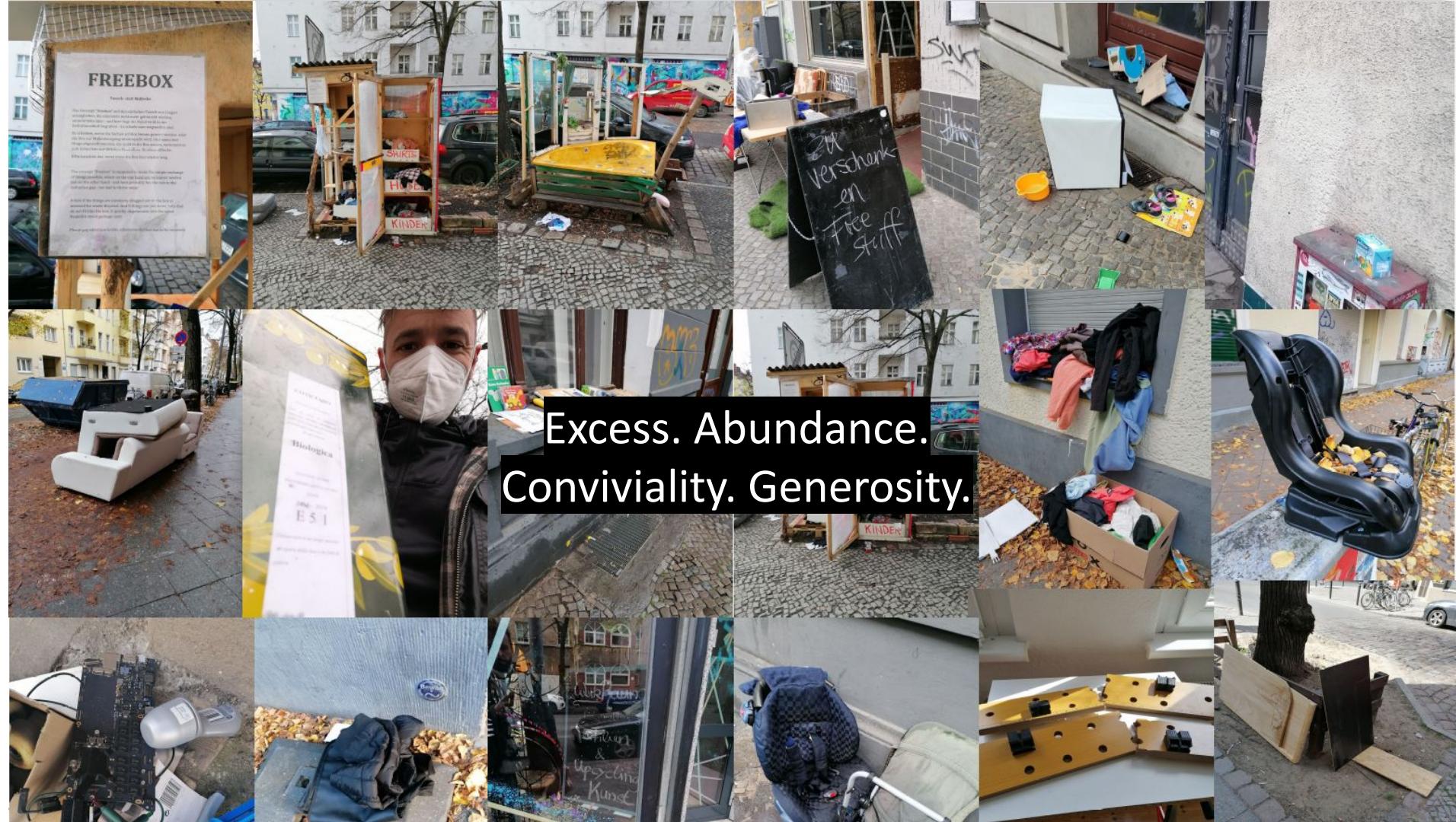
### Conference

[Fab17 Research Papers Stream \(Fab17\)](#), Bali, Indonesia, 19 October 2022 (Session Critical Circular Economy)

### Languages

English





Excess. Abundance.  
Conviviality. Generosity.

# **Circular Material Valuer Curriculum**

## participatory knowledge for the circular economy

**Citizen Science initiative** to co-design educational resources with participants in Berlin and GIG members globally who are active in the fields of **circular economy, zero waste, recycling and reuse**



## **Expert view: Profession x Role**

- Who are the material valuers?
- How do they learn?
- How do they organise?

## Conditions / Broader Picture

- Consumerist culture
- Producer responsibility
- Incentive systems
- Accounting for externalities

# Knowledge Areas

## 45 minutes - groups

- Collect ideas on 3 areas of choice (15 min)
- Collect ideas on the other 3 areas (15 min)
- Open exchange and address gaps (15 min)

Eyes and Hands	Information Systems	Tools and Tech
The eyes and hands of a valuer	Information Systems	Tools and Tech
		
Local Systems and Bioregion	Social Engagement	Climate and Environment
Local Systems and Bioregion	Social Engagement	Climate and Environment
		

## **Curriculum Development**

### **+ relevant references**

**15 minutes - open discussion**

- Intrinsic motivation
- Educational Approaches
- Business Models
- Context adaptability
- Materials and categories - universal?
- Modular training
- References
- Exchange
- Educate the public

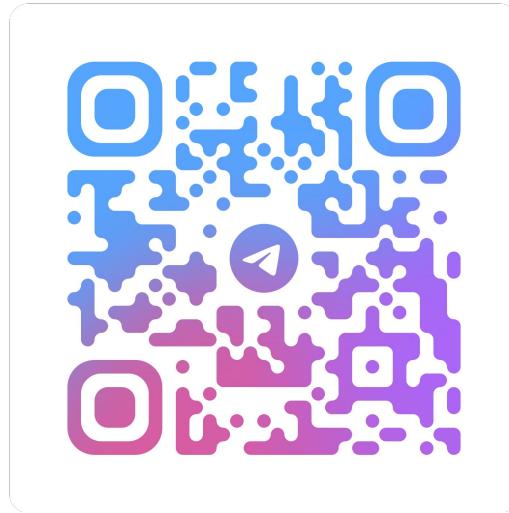
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<https://t.me/+PL20J1t0PacxOTAx>