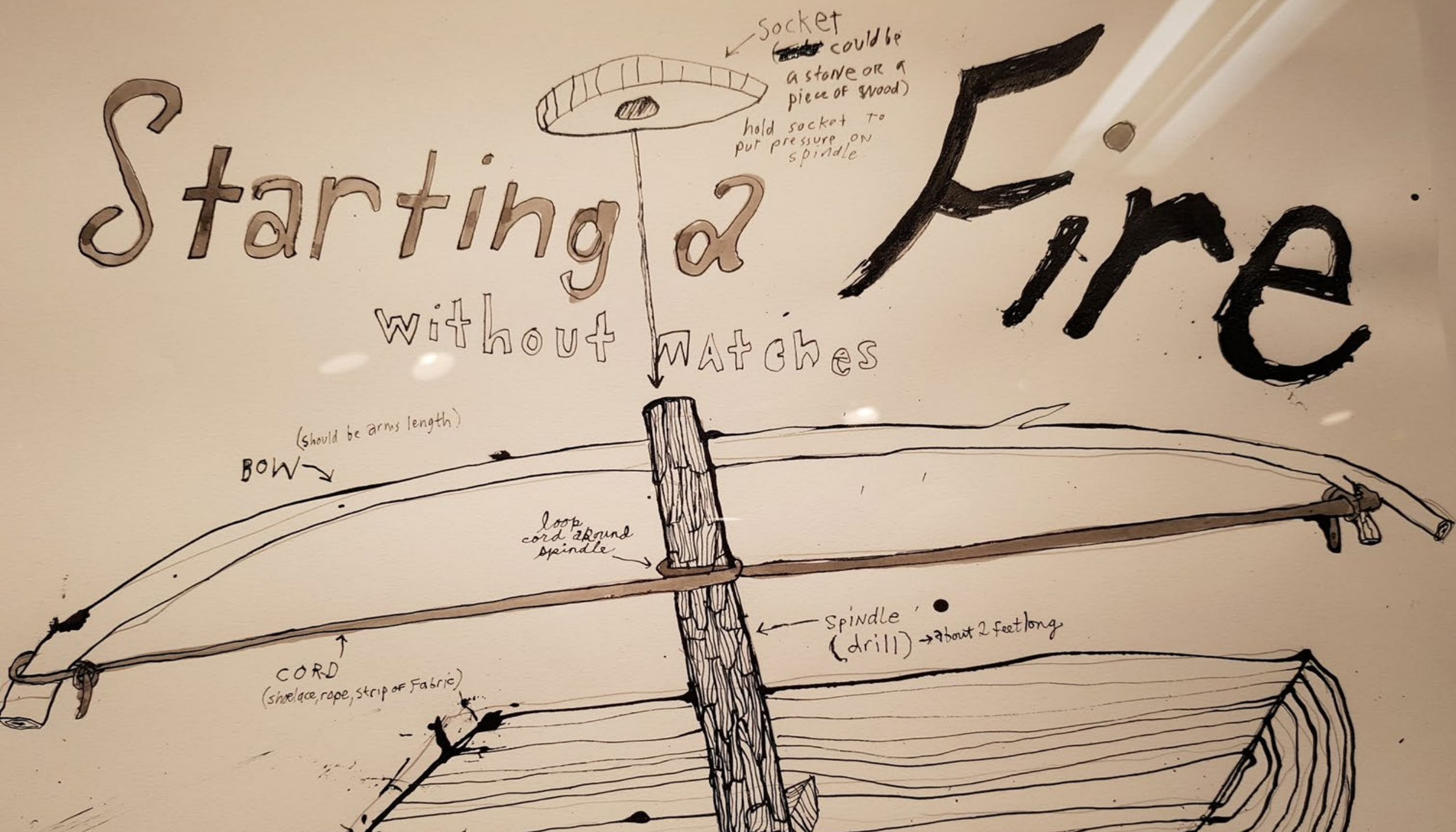


Starting a Fire

without matches





ARS ELECTRONICA
RESEARCH INSTITUTE
Knowledge for Humanity



exploration space
EXPERIMENTATION, INNOVATION, COLLABORATION



OPEN
INNOVATION
by OBB



FWF
Der Wissenschaftsfonds

URBANITARIUM

introduction, participatory planning

participatory futuring in the context of mobility






honorata grzesikowska & eveline wandl-vogt



@caissarl #k4h+ #explorations4u @justhood @urbanistyka

[kooperationspraktikum](#) ws 2023/24 university vienna 2023 | 11 | 22 <[vienna](#)>

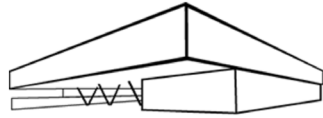
exploration space 
(@) austrian academy of sciences
ars electronica research institute 
knowledge for humanity (k4h+)
URBANITARIAN 
– future living as a service

society design art technology science

knowledge partnerships

exploration space ★
(@) austrian academy of sciences
ars electronica research institute ★
knowledge for humanity (k4h+)
URBANITARIAN ★
– future living as a service

knowledge partnerships



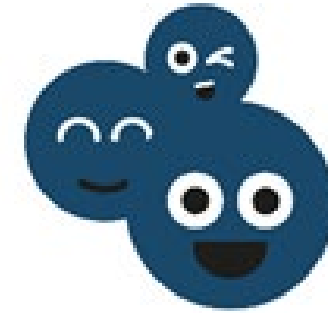
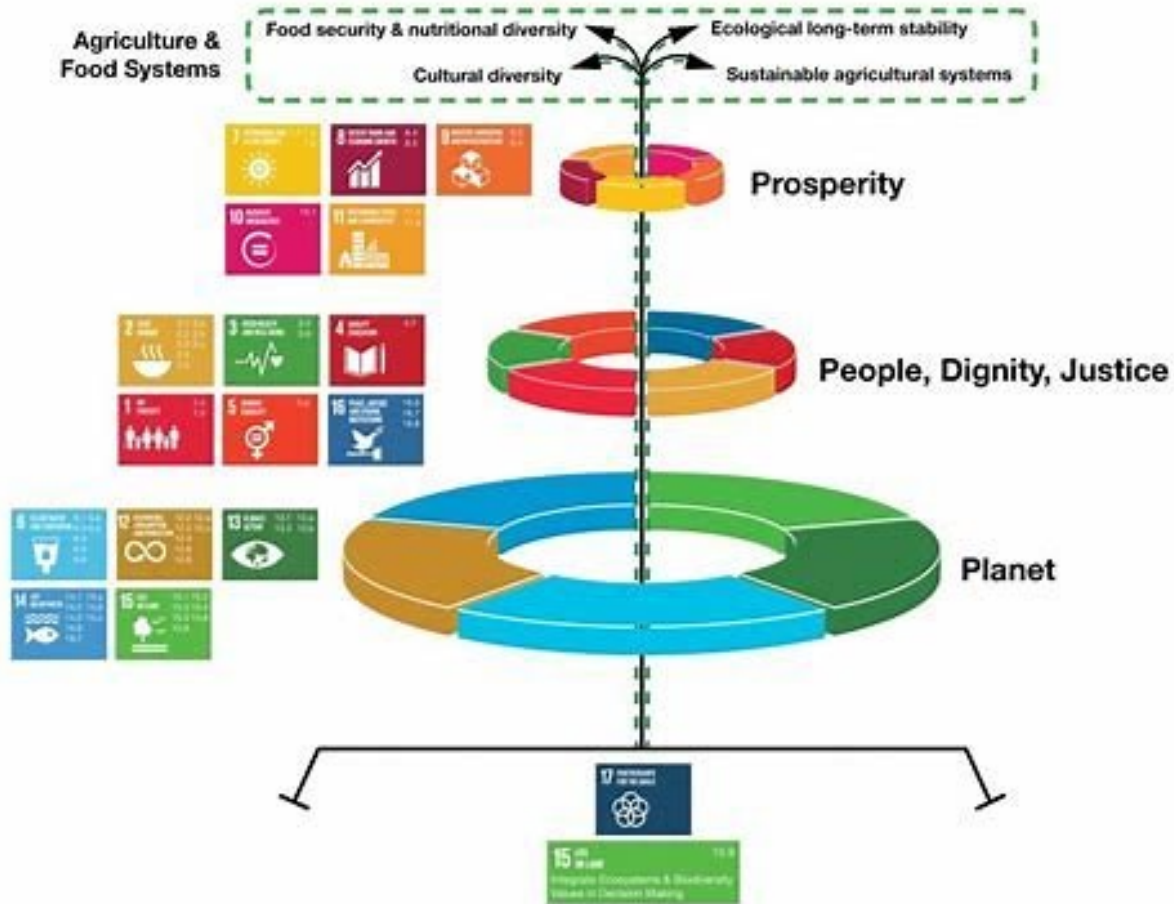
exploration space ★
(@) austrian academy of sciences
ars electronica research institute ★
knowledge for humanity (k4h+)
URBANITARIAN ★
– future living as a service

sustainable development goals

und good life goals

die 17 **ziele für nachhaltige entwicklung** /../
sind politische zielsetzungen der [vereinten
nationen](#) (UN), die weltweit der sicherung
einer [nachhaltigen entwicklung](#) auf
ökonomischer, sozialer
sowie [ökologischer](#) ebene dienen
sollen.[wikipedia]

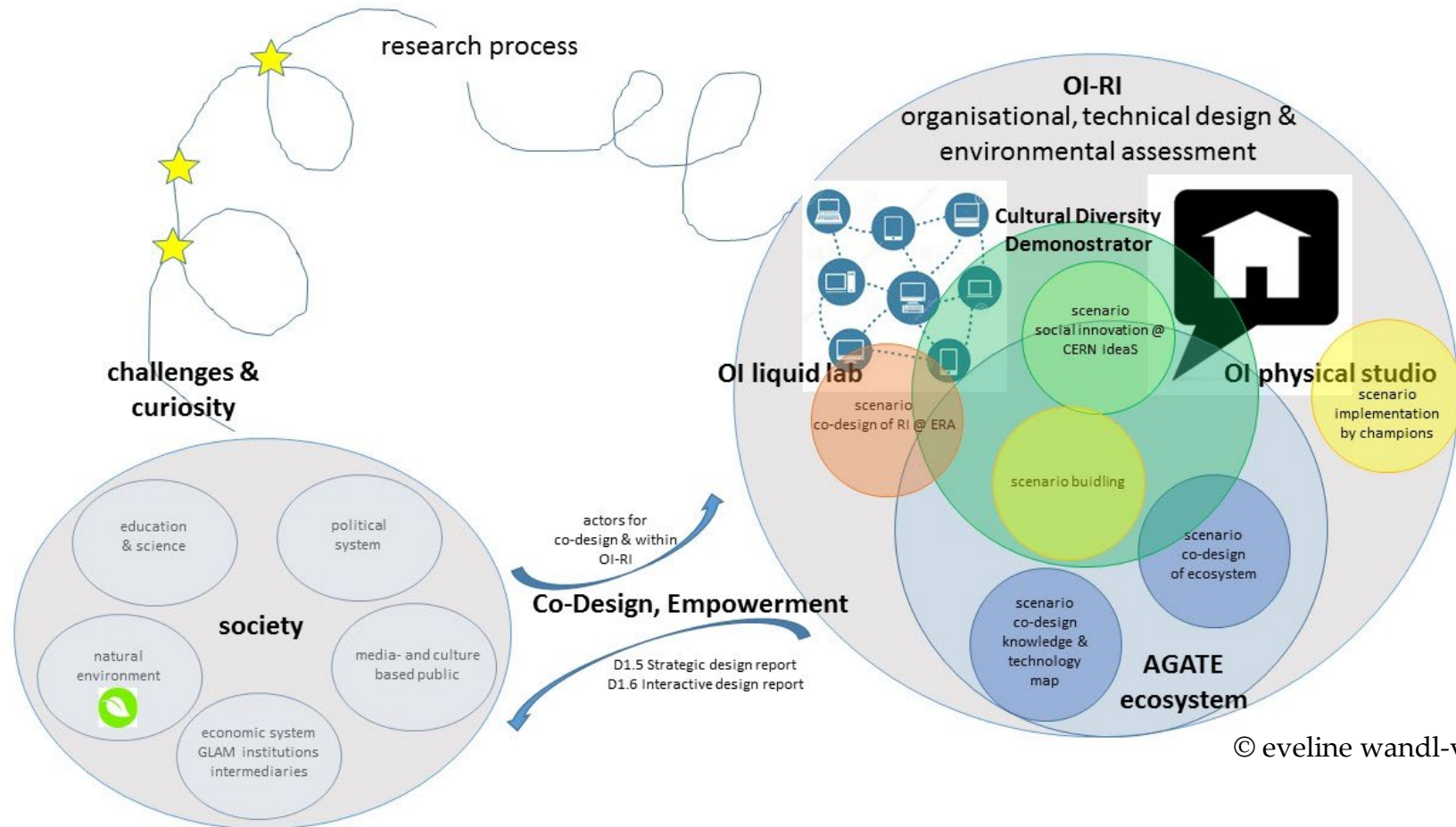
sustainable development goals and good life goals



die 17 **ziele für nachhaltige entwicklung** /../
sind politische zielsetzungen der [vereinten nationen](#) (UN), die weltweit der sicherung
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sollen.[wikipedia]

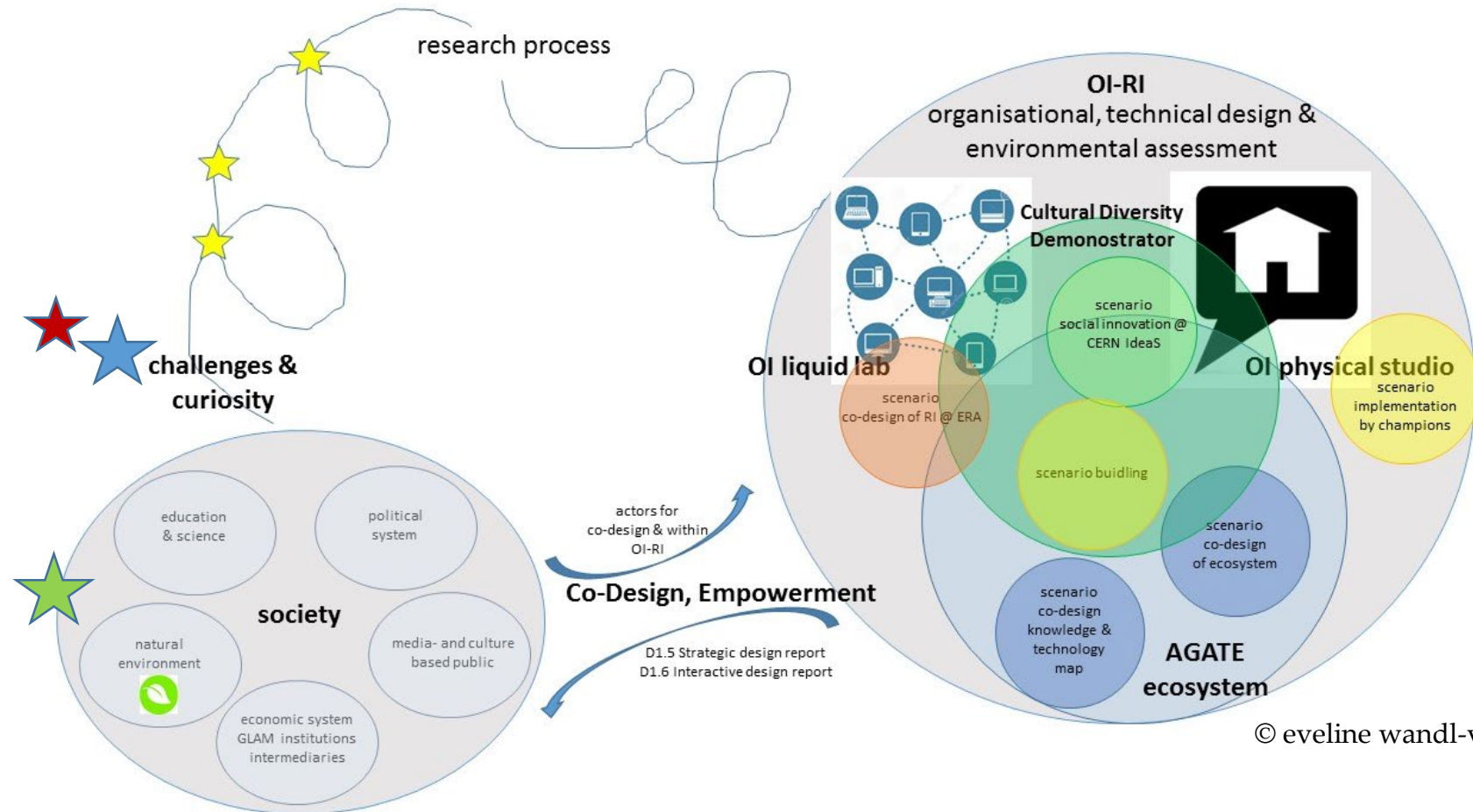
open innovation RI

hybrid, liquid, methodologisch



open innovation RI

hybrid, liquid, methodologisch

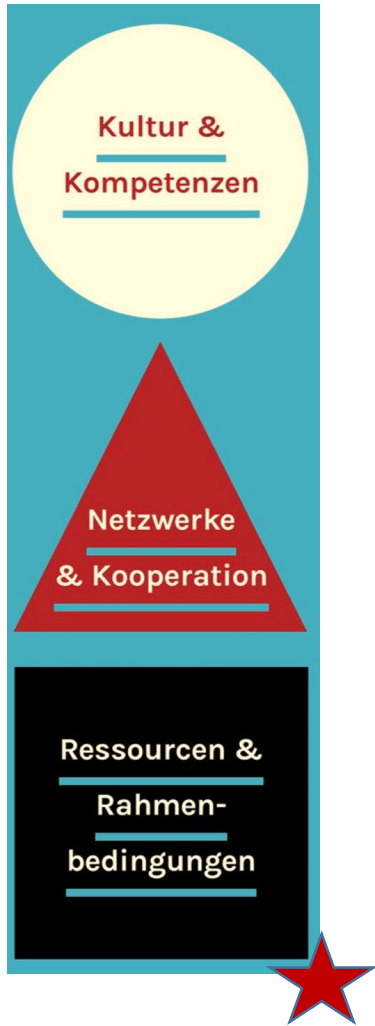


open innovation

... is a distributed process ...
... based on purposively managed knowledge flows
across organizational boundaries...
using pecuniary and non-pecuniary mechanisms

[bogers and chesbrough 2014]

best practice beispiele für open innovation der österreichischen bundesregierung



open innovation

... is a distributed process ...
... based on purposively managed knowledge flows
across organizational boundaries...
using pecuniary and non-pecuniary mechanisms

[bogers and chesbrough 2014]

best practice beispiele für open innovation der österreichischen bundesregierung

inklusives zukünftiges leben

konzepte

- emergierende technologien
- open innovation
- soziale innovation
- knowledge society
[agenda](#) knowledge4development
- gefühle, wohlbe finden

- smart city
c.f. [smart city vienna](#)

- smart villages
c.f. smart villages movement [berkely](#)

- social city
c.f. [social city vienna](#)

- knowledge city
c.f. [knowledge city vienna](#)

- happy city
c.f. <https://thehappy.city.com/>

inklusive zukünftiges leben

beispiel



© dave imms traveller. easyjet. October 2019



inklusive zukünftiges leben

beispiel



© dave imms traveller. easyjet. October 2019



With +9 million CZK in Neratov income growth, the village is now self-sufficient, with it's own school, workshop, agriculture, brewery, and unique church.



Neratov has seen a +65% increase in tourism growth.

inklusive zukünftiges leben

beispiel



© dave imms traveller. easyjet. October 2019

humanity centered design (HYCD)

federico donelli

- human
gut zu den menschen

- human
gesamtheit der menschen, gesellschaft

- human
counterpart im human-machine dualism

humanity centered design (HYCD)

federico donelli

- partizipative methoden
open innovation

- human
gut zu den menschen

- SDGs
soziale innovation

- human
gesamtheit der menschen, gesellschaft

- digitaler humanismus
extended intelligence

- human
counterpart im human-machine dualism

open science, citizen science + open innovation

förderung einer strategischen offenheit



INKLUSIVITÄT

Erhöhung des Grads der Neuartigkeit
Beschleunigung der Wissensproduktion
Erhöhung der Problemlösungskapazität
Intensivierung des Wissensaustausches



ZUGÄNGLICHKEIT

Steigerung des Verwertungspotenzials
Steigerung der Prozesseffizienz
Erhöhte Sichtbarkeit der Akteure



TRANSPARENZ

Erhöhung des Vertrauens
Verbesserung der Qualitätssicherung

handlungsanweisung:
einbinden unüblicher aktueere
in forschungs-
und innovationsprojekte

wirkungspotentiale strategischer offenheit c.f. blümel, fecher, leimüller [2018](#)





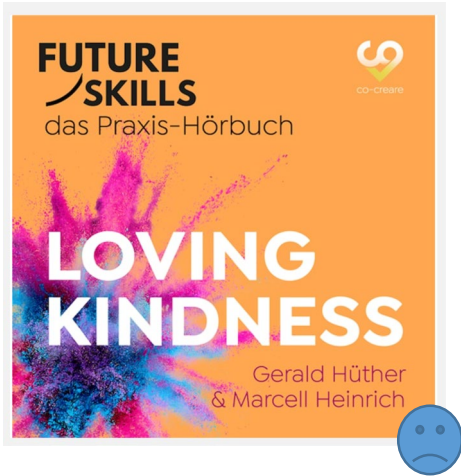
knowledge partnerships
knowledge co-creation

learning

... is creation not consumption.
knowledge is not something a learner absorbs,
but something a learner

creates.

[george couros]



loving kindness

... keine skill,
aber eine lebenshaltung,
die uns menschen zu

gestalten einer lebenswerten zukunft

macht.

[gerald hüther, marcell heinrich]

URBANITARIUM – future living as a service e.V.

2022.12-

- Demokratisierung von Urban Design
- Design, Aufbau und Entwicklung einer Datenbank räumlicher Ressourcen
- Förderung und Etablierung einer Offenen Wissenskultur und Open Access Kultur
- Beratung in Fragen zu nachhaltiger, inklusiver Raumplanung, Demokratisierungsprozessen und Innovation durch Partizipation
- Förderung des Berufsbildes Facilitator*in zur Begleitung offener, partizipativer, nachhaltiger und inklusiver Raumplanungsprozesse
- Wissenschaftliche Forschung und Publikation v.a. auf dem Gebiet partizipativen, nachhaltigen Designs, der nachhaltigen, inklusiven Raumplanung sowie der “As a Service”- Methode
- Austausch von Informationen und Erfahrungen im Hinblick auf Prozesse der Raumgestaltung und partizipativer Methoden innerhalb und außerhalb Österreichs.
- Förderung der organisations- und disziplinenübergreifenden Zusammenarbeit auf Basis partizipativer Methoden in Forschung und Praxis unter Einbindung internationaler Keyplayer

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URBANITARIUM – future living as a service e.V.

people



eveline wendl-vogt
strategic principal, ecosystem orchestra



honorata grzesikowska
masterplan principal

tatiana efremenko
participatory futures principal

firas safieddine
creative technical principal



URBANITARIAN – future living as a service e.V.

people



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Comprehensive analysis of schoolyards

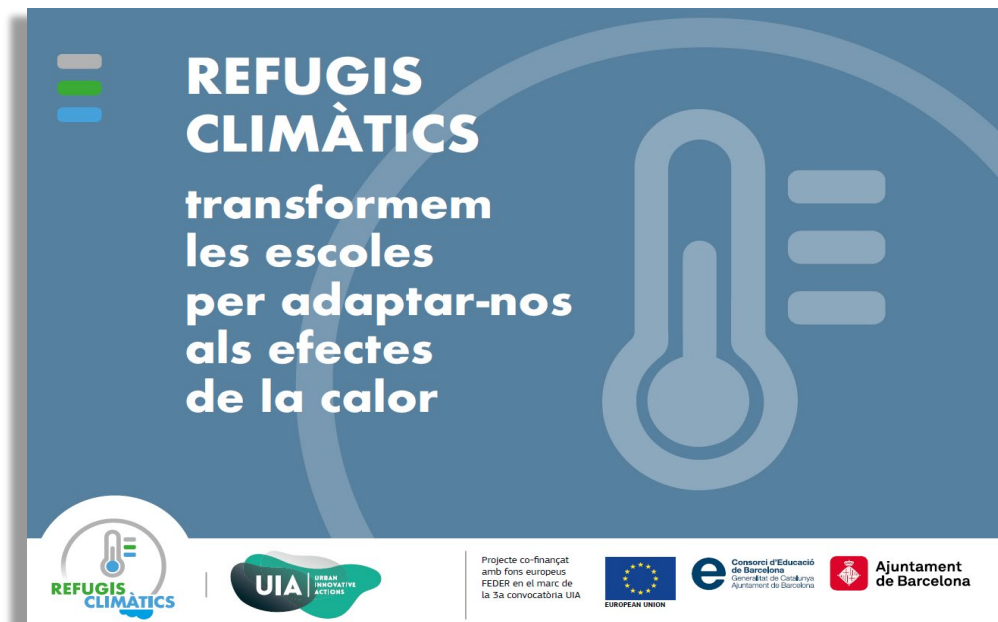
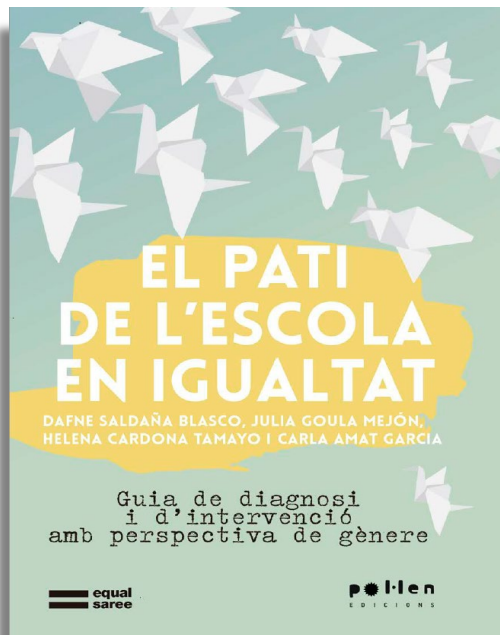


Participatory diagnosis and intervention in recreation spaces based on a process of reflection and collective learning

How to rethink school spaces from the point of view of
gender, equality, co-education and sustainability



How to rethink school spaces from the point of view of
gender, equality, co-education and sustainability





4 themes

How are
designed
the cities?

How that implies
our lives?

Why are
schoolyards so
important?

Imagine non-
humans having
the same rights
as us?

Schools as
climate shelters



4 phases

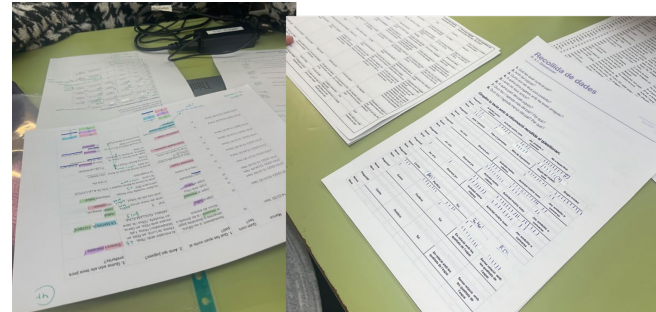
organize

analyze

generate criteria

propose

8 - 12 actions



1 collective coexistence map

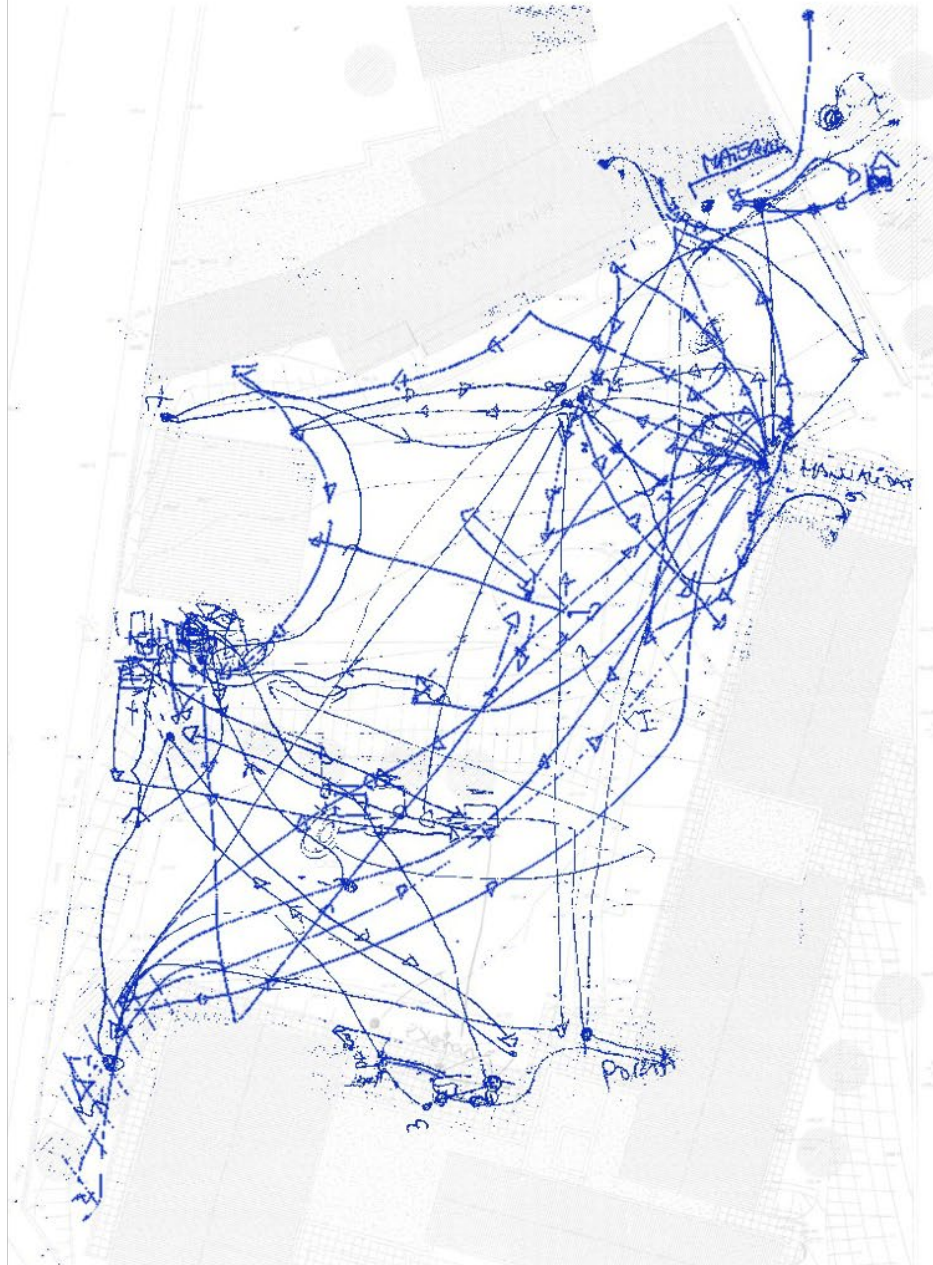
QUÈ T'AGRADA FER EN EL TEU TEMPS LLIURE?

AGAGA UN POST-IT,
i si ETS NEN RESPON
EN COLOR VERMELL
i si ETS NENA RESPON
EN COLOR VERD





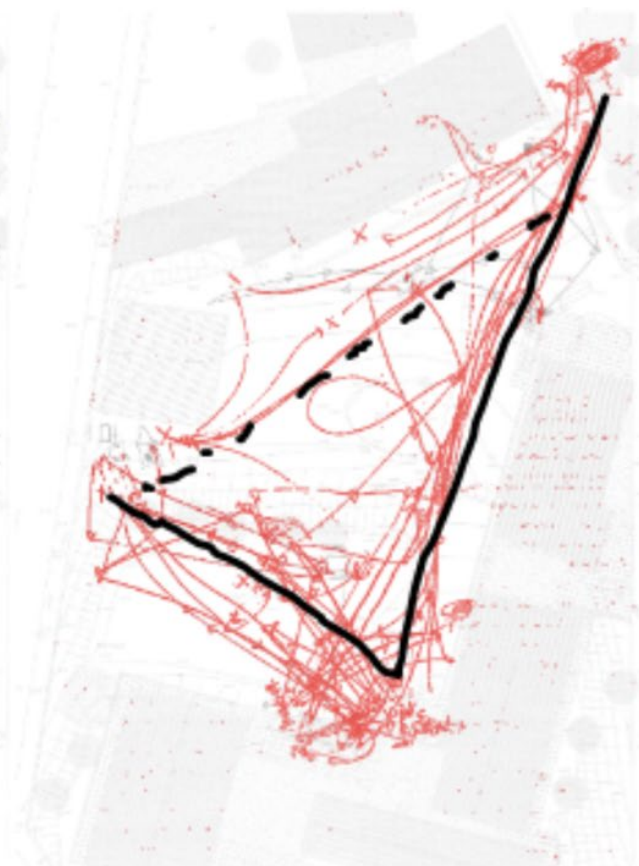
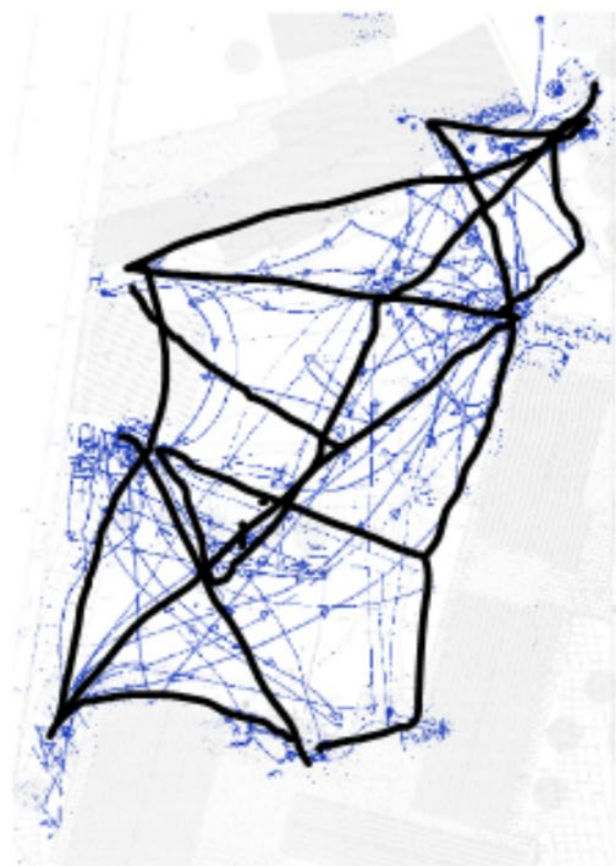
11/2/22 12:30/13:15

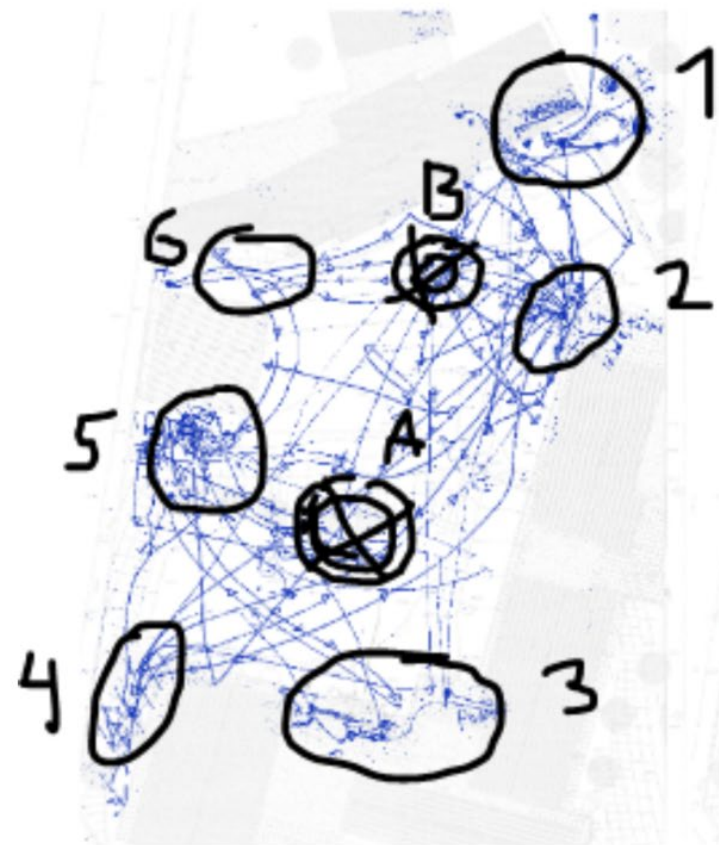


11/2/22 12:30/13:15

now and
in 1960







Questionari dirigit a l'alumnat de primària: Estar al pati

Form description

Marca: *

- ☐ None
- ☐ Non
- ☐ Altres opcions

Quin curs fos? *

- ☐ 8.5
- ☐ 1r
- ☐ 2n
- ☐ 3r
- ☐ 4t
- ☐ 5a
- ☐ 6a

1. Què fas quan surts al pati? *

Long answer text

2. Amb qui jugues? *

Long answer text

3. Quins són els teus pocs preferits? *

Long answer text

4. A quins pocs jugues amb les teves amigues? I amb els teus amics? *

Long answer text

5. A quina part del pati jugues? *

Long answer text

6. Quin copai t'agrada més del pati? Per què? *

Long answer text

7. Quin espai t'agrada menys del pati? Per què? *

Long answer text

8. Com t'agrada que fos el pati? *

Long answer text



Questionari: Estar al pati

Form description

Marca: *

- ☐ No m'agrada
- ☐ No m'agrada de molt
- ☐ No m'agrada molt (potserment): sembla comença...
- ☐ No m'agrada

A quina oportunitat participas? *

- ☐ Comunitat patis
- ☐ Comunitat neta
- ☐ Comunitat gran
- ☐ A totes les comunitats
- ☐ A cap comunitat

9. Vostre d'horari és els jocs de "hora i mitja"? Augmentar el pati? *

Long answer text

2. A l'hora del pati, sempre esquit el pati? Quin? Per què creus que és así? *

Long answer text

3. Creus que els elements del pati (banys, patis, arbres, arbres, sembradors...) s'afecten en... *

en un altre moment de l'any per part de nous creus? Per què?

Long answer text

4. Quins elements trobes a faltar al pati? *

Long answer text

5. Des de l'horari dediques temps a pensar sobre la cura i benestar dels espais del pati? *

Com ho puc fer en pràctica?

Long answer text

6. Creus que és necessari la participació activa del professorat durant l'hora de pati? *

Long answer text

7. Heu treballat la qualitat de gestió al pati? Quins resultats i quins heu obtingut? *

Long answer text

8. Quin tipus de conflictes es donen al pati amb nous participants? Creus que tenen a veure... *

amb el pati?

Long answer text

9. Quins conflictes creus que són prioritàris de resoldre? *

Long answer text

10. Creus que el format actual de pati és funcional? Per què? *

Long answer text

11. Quin és l'espai del pati que t'agrada més? Per què? *

Long answer text

12. Quin és l'espai del pati que t'agrada menys? Per què? *

Long answer text

13. Si t'interessés a un altre espai, què creus que trobaries a faltar del nostre pati? *

Long answer text

14. Tens un exemple de breu memòria que necessaries que tingues al pati per poder fer la... *

elaborar?

Long answer text

15. Quin espai a fer pati fins del centre, que és l'espai del pati on t'agrada més estar? Per... *

què? Per les algunes espais que no has vist actualment? (Els espais poden ser: ara?)

Long answer text



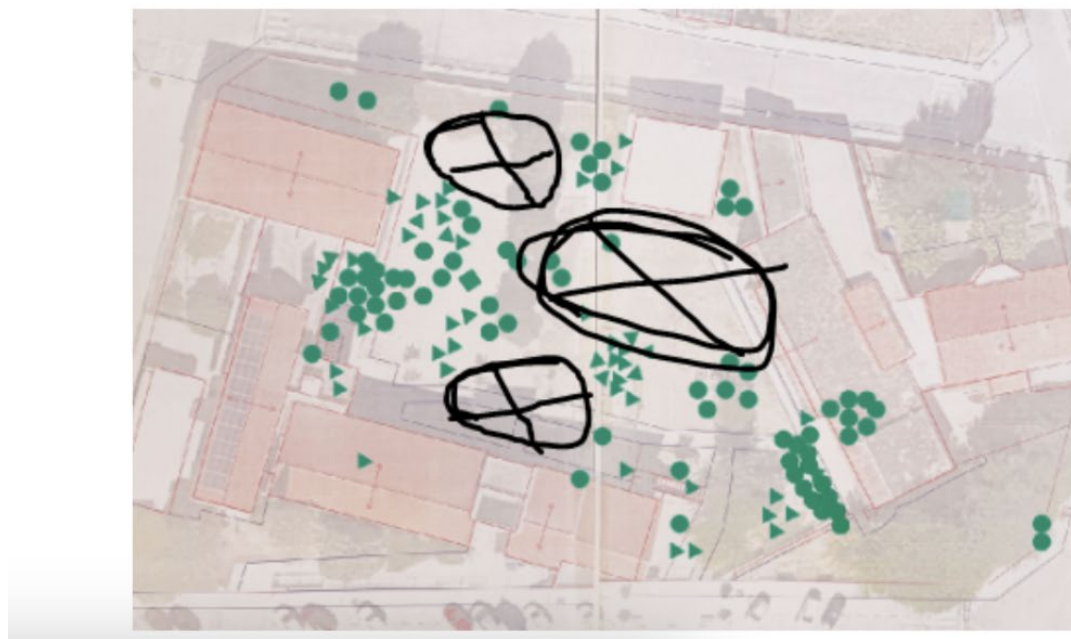
questions

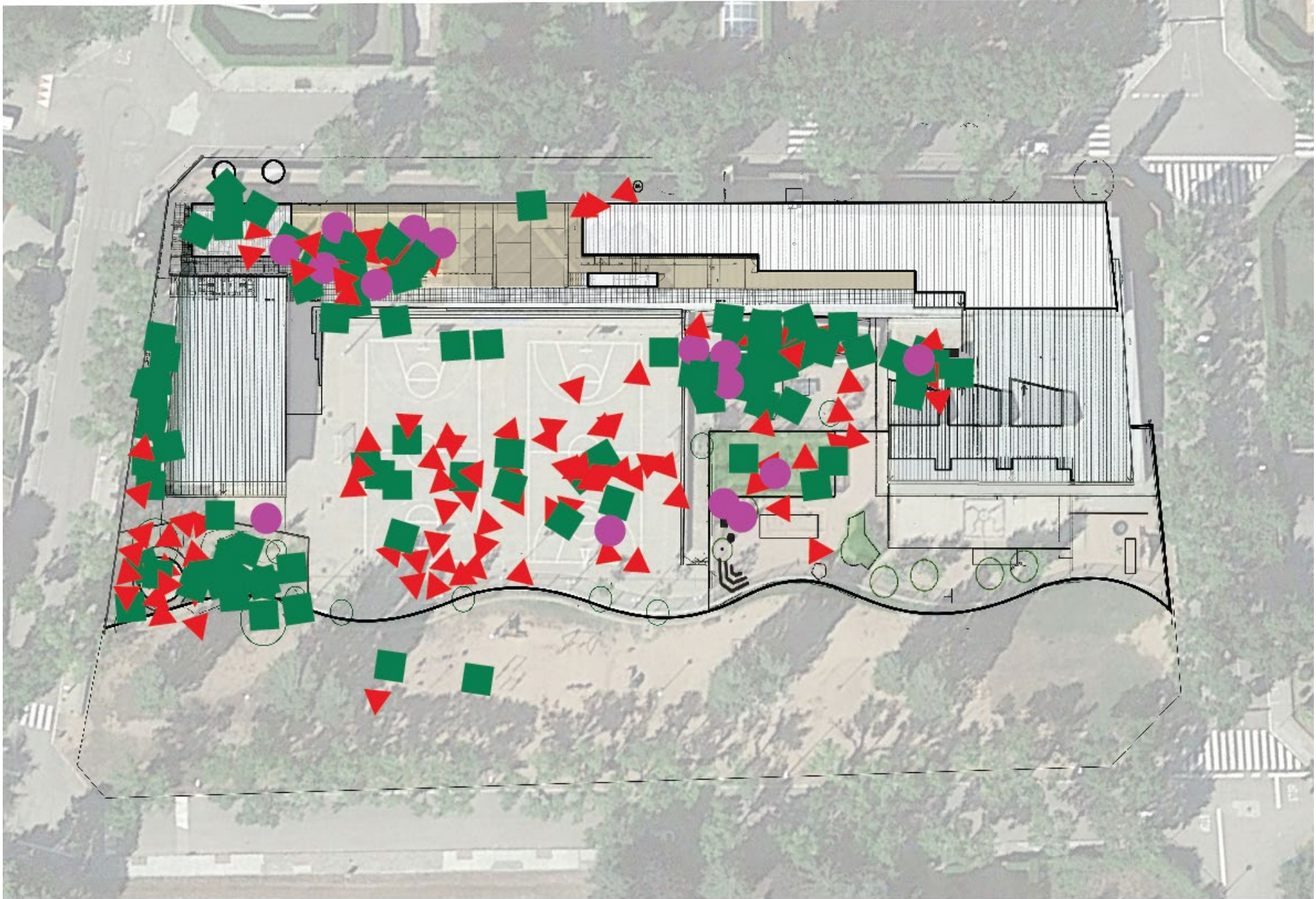
[illegible]





Mapes de gomets sobreposats











What if plants would have the same rights as human rights?
What would your neighborhood/street/public space look like then?

What if a child was a mayor of the city?
What would your neighborhood/street/public space look like then?

What if in the future the average temperature was 45C degrees?
What would your neighborhood/street/public space look like then?

PREGNANT WOMAN

Characteristic	- Sometimes I walk slower - I am often sick and tired
Needs	- I have to go to the - I need some place
Likes	- I like to sit any - I like to feel s
Dislikes	- I don't like long dista - I do not like because it is harmfu

ANIMALS

Characteristics	- We are very different - dogs, rats, mice, insects - We live in the air, on the ground, trees, underground, etc.
Needs	- We need to get food and - We need a shelter
Likes	- When people treat - When we have no - We like when we healthy food in the
Dislikes	- When people - When it's too

CYCLIST Bike everyday

Characteristics	- I have the bike - I am (or try to be) sporty
Needs	- I need special bike lanes - I need parking lots for my bike - I need to rent the bike, when my own one is broken
Likes	- I like to be safe on the road - I like when I can find many workshops to fix the bike - I like to bike together with friends in the city or outside
Dislikes	- I don't like when I have to bike on the road - I don't like when someone steals my bike - I don't like to bike in the rain

1

WOW, WHERE AM I?

You have entered your neighborhood. It looks completely different! What do you see?

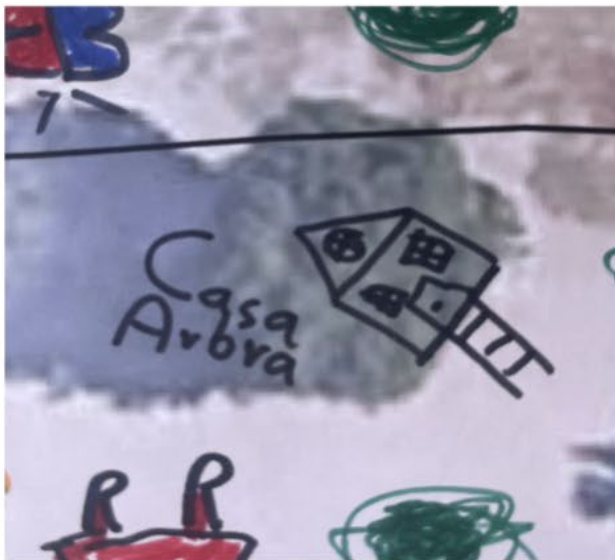
2

WOW, WHERE AM I?

- What is around you?
- What color(s) do you see the most?
- Is there something unusual?









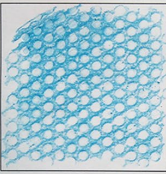
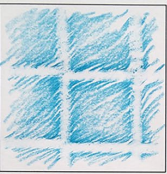

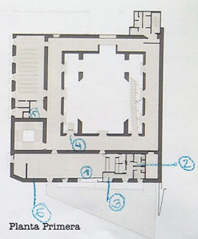


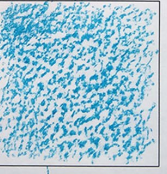

Imatges dels infants del centre durant la dinàmica



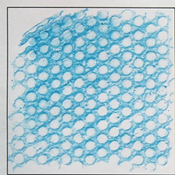




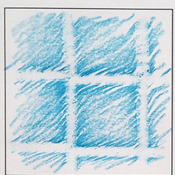
Amb aquest paper i un llapis, calca 6 textures diferents de l'edifici.
 Escritu de quin material es tracta i, amb un número, indica al plànol on l'has trobat

			 <p>Planta Primera</p>
① Xapa metàl·lica perforada	② Gres	③ Paviment pedra	
			 <p>Planta Baix</p>
④ Xapa metàl·lica amb textura	⑤ Vidre amb textura	⑥ Paret guix	

Amb aquest paper i un llapis, calca 6 textures diferents de l'edifici.
Escriu de quin material es tracta i, amb un número, indica al plànol on l'has trobat



① Xapa metàl·lica perforada



② Gres



③ Paviment pedra



④ Xapa metàl·lica amb textura



⑤ Vidre amb textura ascensor



⑥ Paviment guix





NOM OBJECT: Tiroc

Us: Personnanti


Materials: Carta i Pintura

Colors: blanc + vermell i blau i fusta

Mides: Mitjana

Lloc on era: Laguna

Dibuix:



d'esp!!! perquè hi ha dies que m'ésento hi ha dies que l'ignora

NOM. OBJECTE: Abie

Us: PER Documentant l'arbre i per les branques


Materials: Elicofa i folles

Colors: Groc, verd, blau marro.

Mides: Gran i Alt.

Lloc on era: Al costat de la pista.

Dibuix:



Es branca.

NAME OBJECT: *Carroll*

Use: *Transmitter No. 10000000 10000000*


Materials: *plastic tape*

Colors: *black*

Sizes: *20 cm*

Loc on era: *at top*

Diagram:



NON OBJECTE *per la casa*

Onde *bagno* *in* *transito* *5* *per* *diversi* *l'angolo*


Materiale *10* *metalli* *1* *botte* *di* *plastic*

Colours *de* *gris* *blanc* *i* *gris*

Mides *gris*

Lies on *un* *la* *pietra*

Dibux:



NOM OBJECTE: Una tapa de fundició

Ds: Una tapa per a una placa perquè no es pugui treure


Materials: Ferro

Colors: Marró

Mides: Quasi el mateix grand

Lloc on era: El costat d'un carterí

Dibuix:



NOM OBJECTE: tricycle

On: es fa amb les mans manetes rodetes


Materials: cartó, rodes, paper, goma

Colors: vermel·l, negre i groc

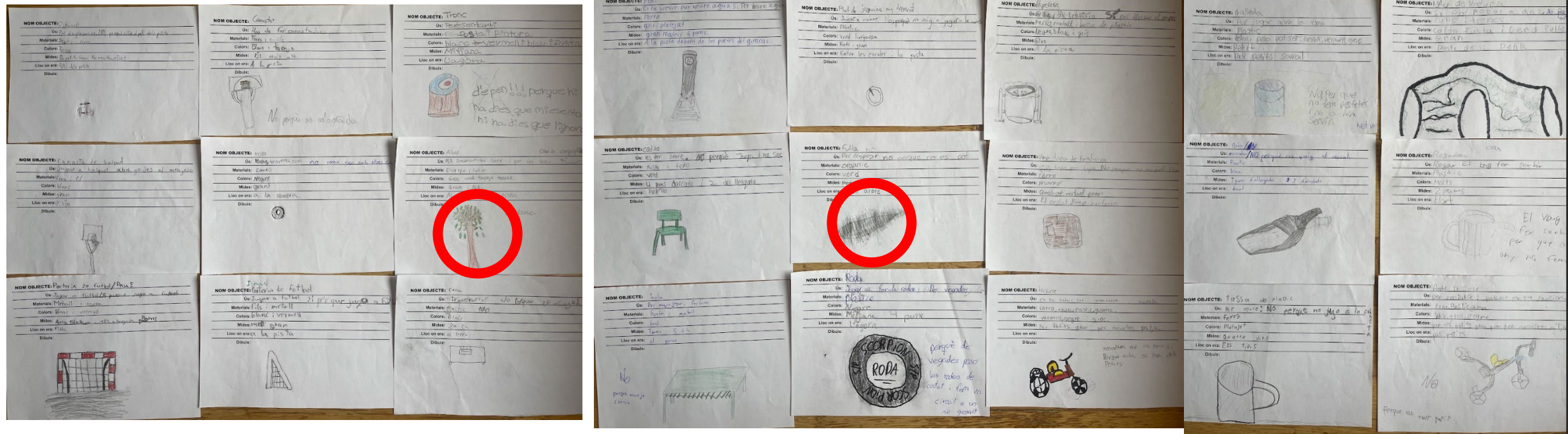
Mides: per fer-hi que pugui anar bé

Lloc on era:

Dibuix:



qui té dret a connectar amb la natura?



PLAN DE PRÉCONISATIONS DU PROJET OASIS DE L'ÉCOLE ÉLÉMENTAIRE ASSELINE
TRAVAUX ÉTÉ 2022

Plan réalisé par le CAUE 75 dans le cadre de la co-conception menée entre octobre 2021 et janvier 2022



Assises et tables en rondins existantes



Amphithéâtre double en rondins



Tableau d'expression



Cheminement en rondins de bois



Récupérateur d'eau



Tunnel en osier renforcé



Végétation dense protégée par des cordes



Banc de tour d'arbre existant



Jardin pédagogique : bacs élevés sans fond



Plan de préconisations réalisé par le CAUE 75 dans le cadre de la co-conception menée entre octobre 2021 et janvier 2022



Poubelles de tri sélectif



Sol en copeaux amortissants bordé de rondins horizontaux



Sol en terre paillée bordée de rondins



Jeu d'équilibre sur cordages



Assises en rondins formant un cheminement



Grimpantes en pleine terre avec treillis autoportant



Banc existant déplacé



Fontaines : boutons-poussoirs avec vasques



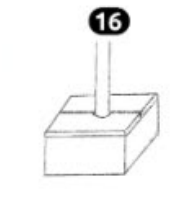
Bancs en bois



Pieds d'arbres en terre et pavés enherbés



Paniers de basket existants



Banc-coffre en pied de panier de basket



Marquage sportif



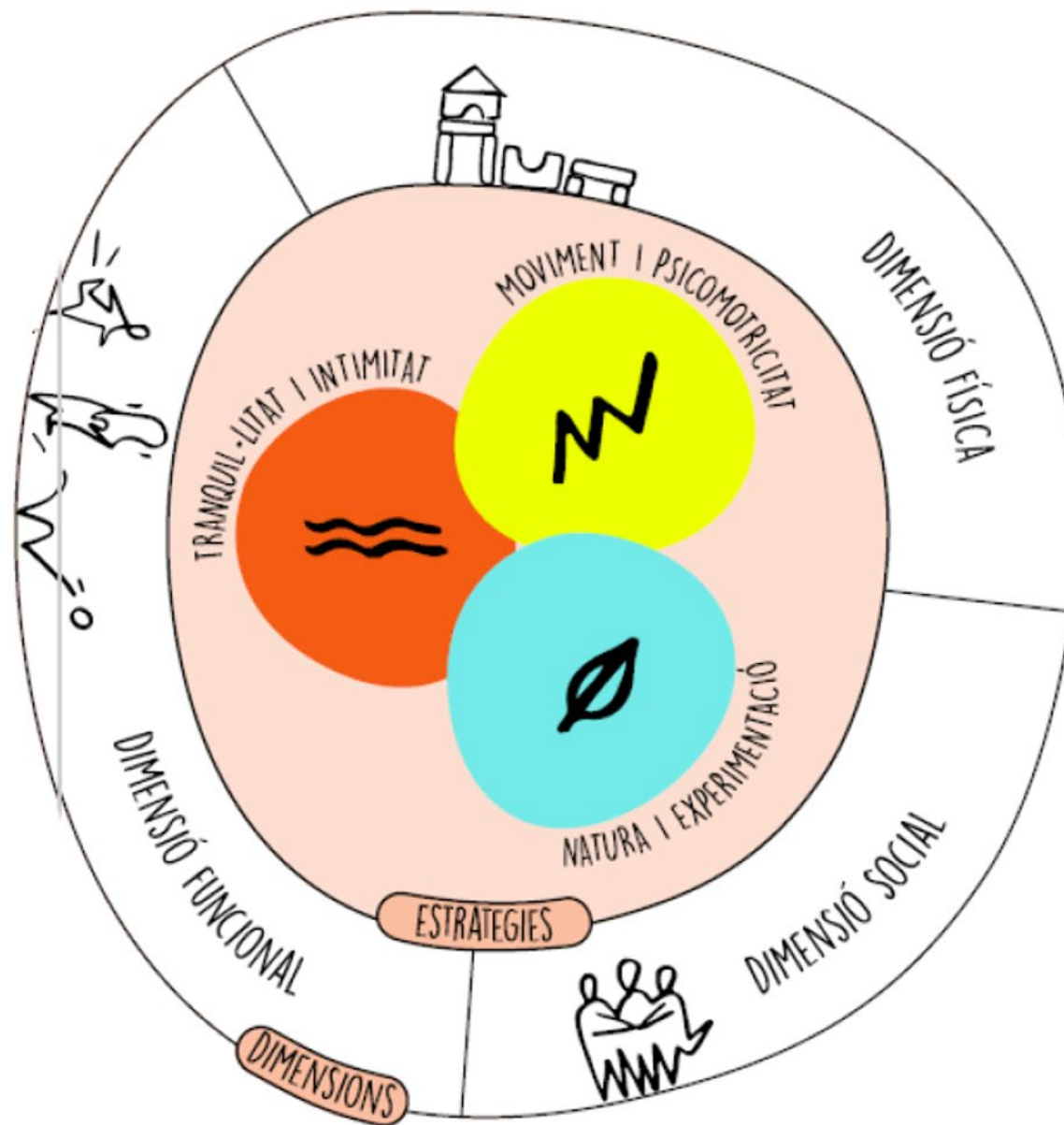
Cheminement en platelage bois



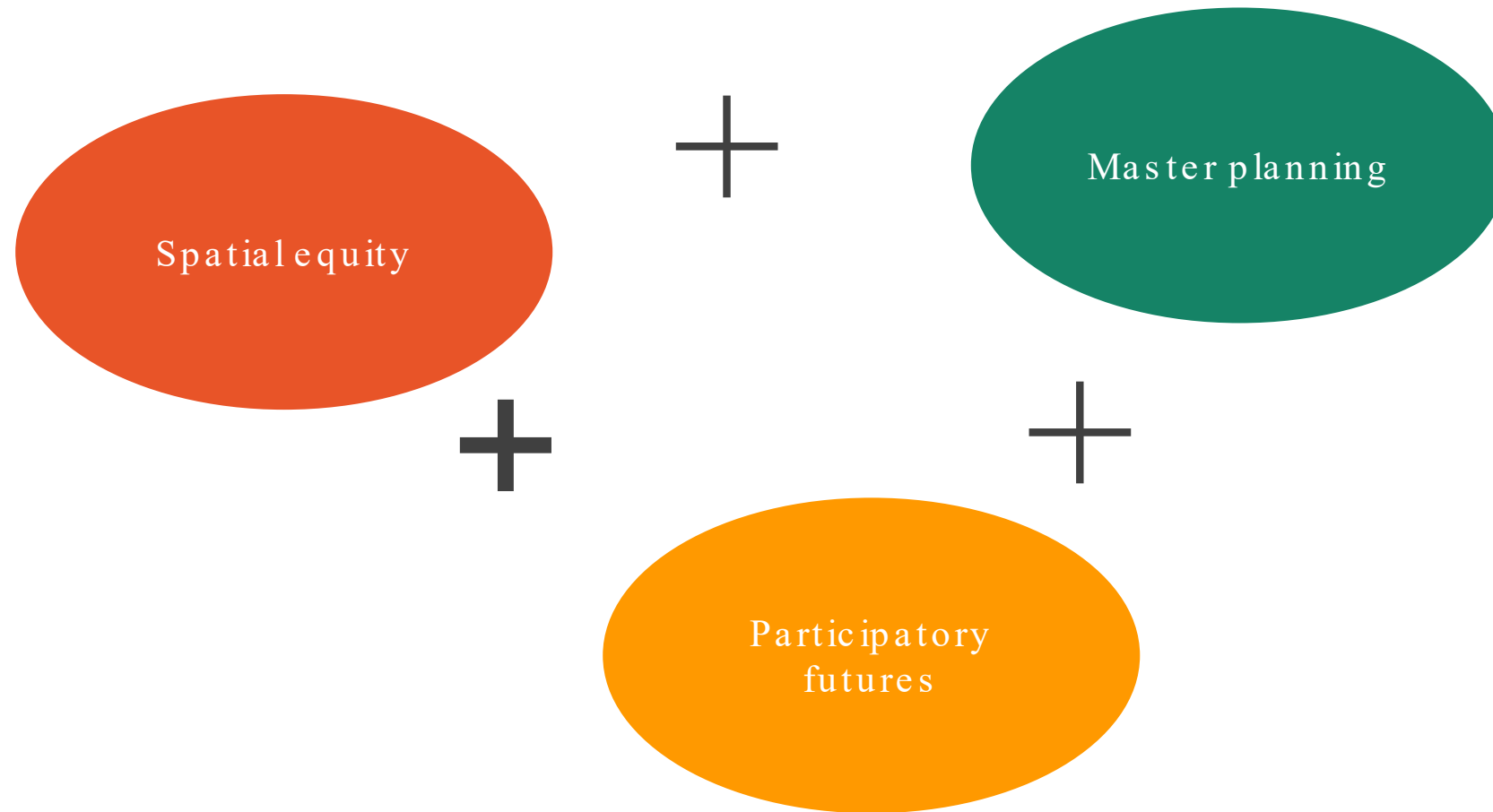
conclusions



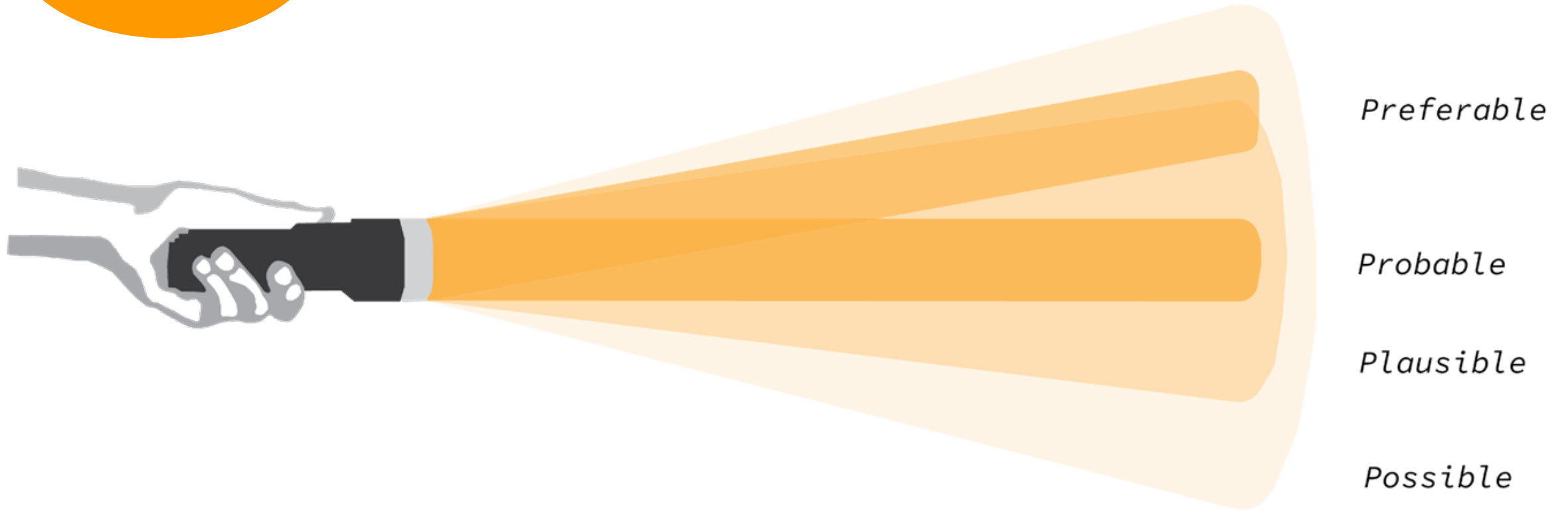




Imatge extreta de la bibliografia *Guia per a la transformació dels espais educatius*



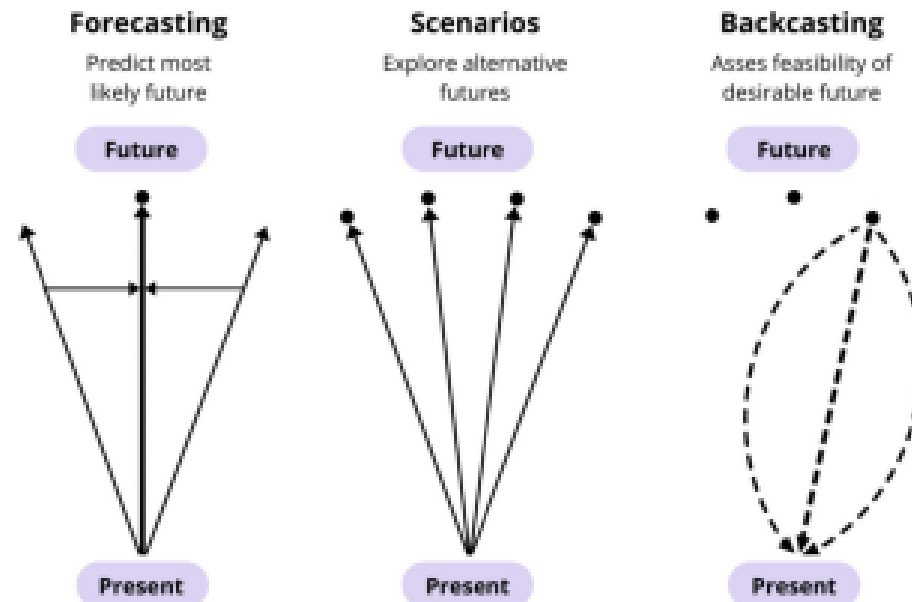
Participatory
futures

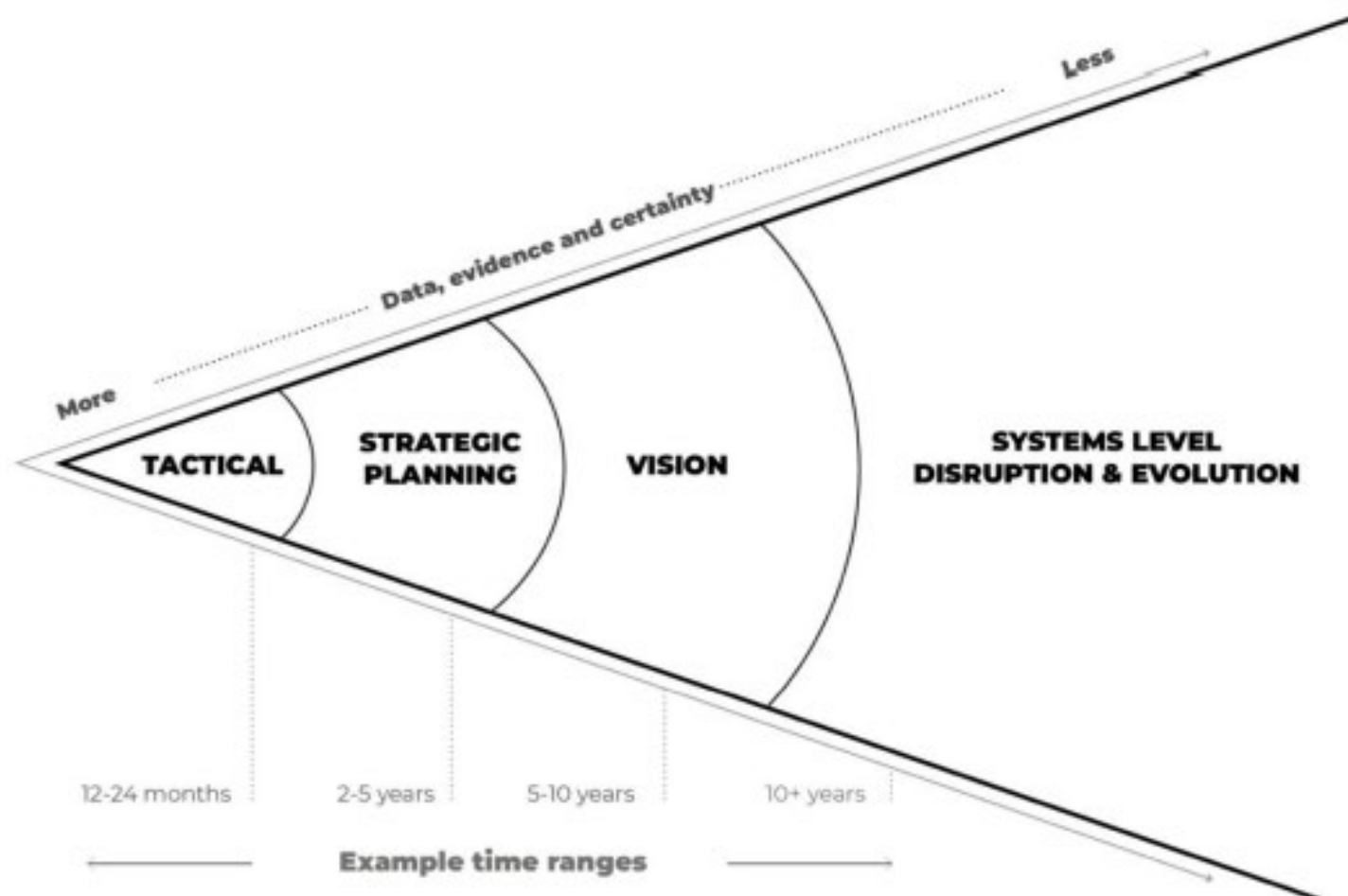


The future isn't given -
which is exactly why we can shape it.

Future studies

Future studies is the systematic exploration of images of the future.

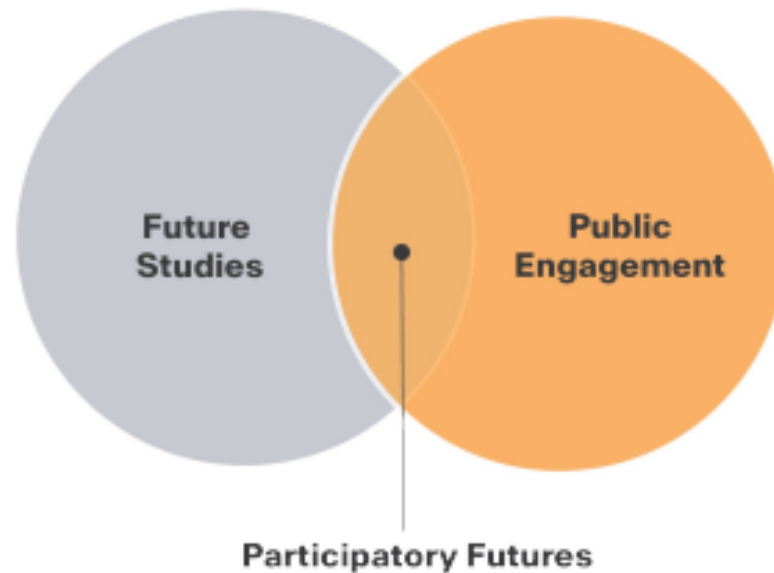




<https://hbr.org/2019/07/how-to-do-strategic-planning-like-a-futurist>

PARTICIPATORY FUTURES

help people understand current situation and develop collective images of the futures they want.



What is JUSThood?

JUSThood methodology

It is an innovative methodology that empowers inhabitants to envision the design of their neighbourhoods in equitable way. **JUSThood method®** is a game-based method for inclusive and participatory co-design.

JUSThood network

It is a network of hubs and JUSThood mentors in different countries around the world who are trained in spatial equity and participatory futures approaches and JUSThood method®.

JUSThood index

It is a tool which can be used to measure spatial equity of urban places. It allows to quantify and operationalize spatial equity concept to bring it to the table with authorities (*under development*)

REACH OUT TO US!

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