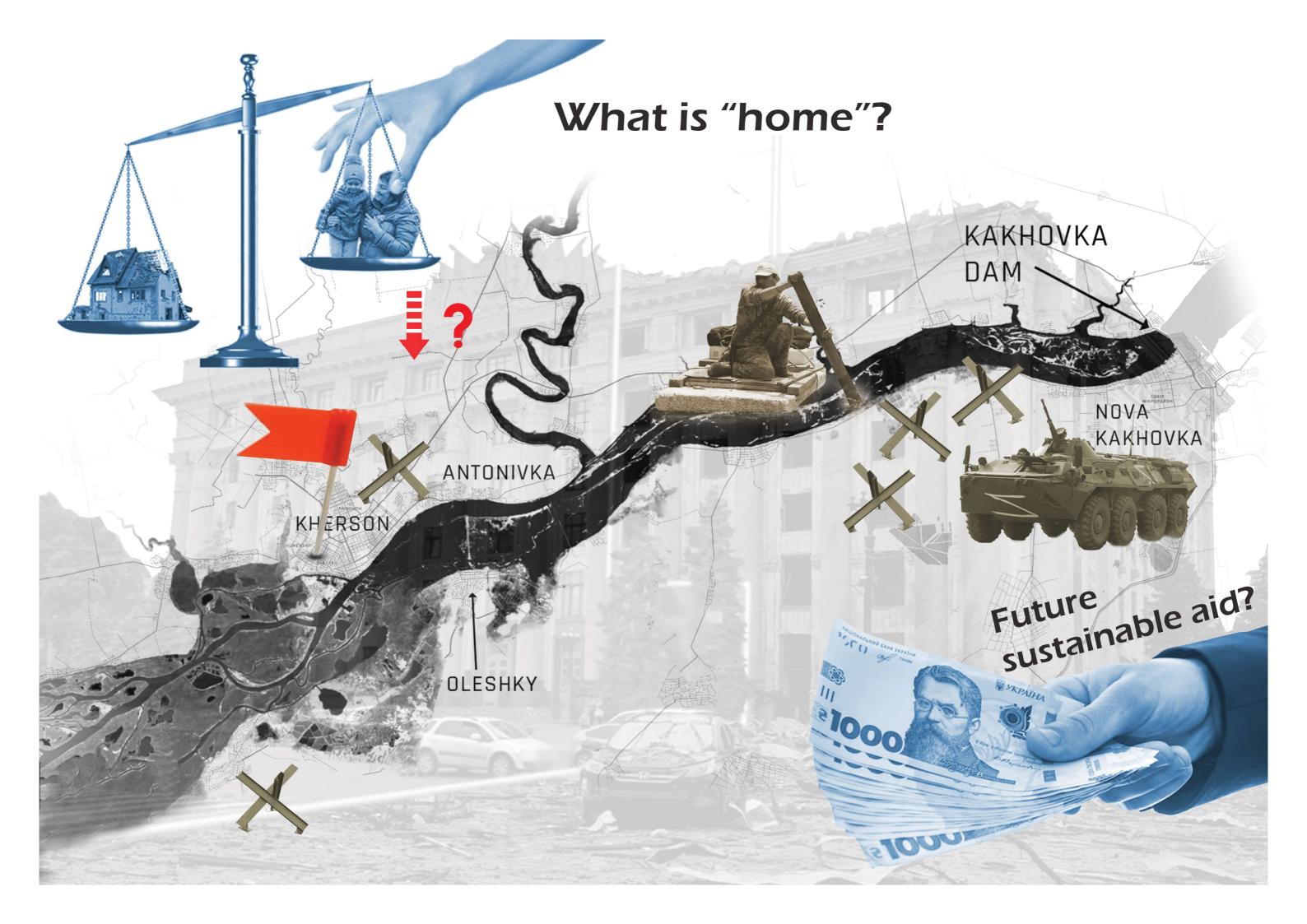






How can architects create responsive opportunities for vulnerable groups dealing with loss in emergency situations?



What is "home"?

Who is "home"?

Where is "home"?

Where to respond?

Who responds?

What is a response?

Survival MODE

Resilience through CHANGE

PLACE Attachment

Home News Sport Business Innovation Culture Travel Earth Video Live

The toxic legacy of the Ukraine war

21 February 2023

By Anna Turns, Features correspondent





The UN warns that the war in Ukraine could leave a "toxic legacy for generations to come" (Credit: Dimitar Dilkoff/Getty

Russia's invasion is leaving a toxic trace on Ukrainian soil, contaminating crops and posing a serious long-term risk to human health.

AID & INTERNATIONAL DEVELOPMENT • 24 OCT 2023 MICHELLE KILFOYLE

Ukraine: what's the global economic impact of Russia's invasion?

Russia's brutal invasion has driven millions into poverty and debilitated – but not quite destroyed – Ukraine's economy. Meanwhile, sanctions are straining the Russian economy, but they are yet to end a war that has sown financial turmoil and personal hardship in the region and across the globe.

It was clear from the start that Putin's war in Ukraine would be <u>a global economic</u> <u>disaster</u>. Its economic impacts may be insignificant next to the suffering and loss of life on the battlefields. But they do present critical challenges that leaders must resolve to limit yet more suffering through poverty, food shortages and the cost of living crisis.

To illuminate these challenges, Economics Observatory has been publishing expert

Related Questions

Rebuilding Ukraine: how will policymakers shape the country after the war?

What might be the macroeconomic cost of the war in Ukraine?

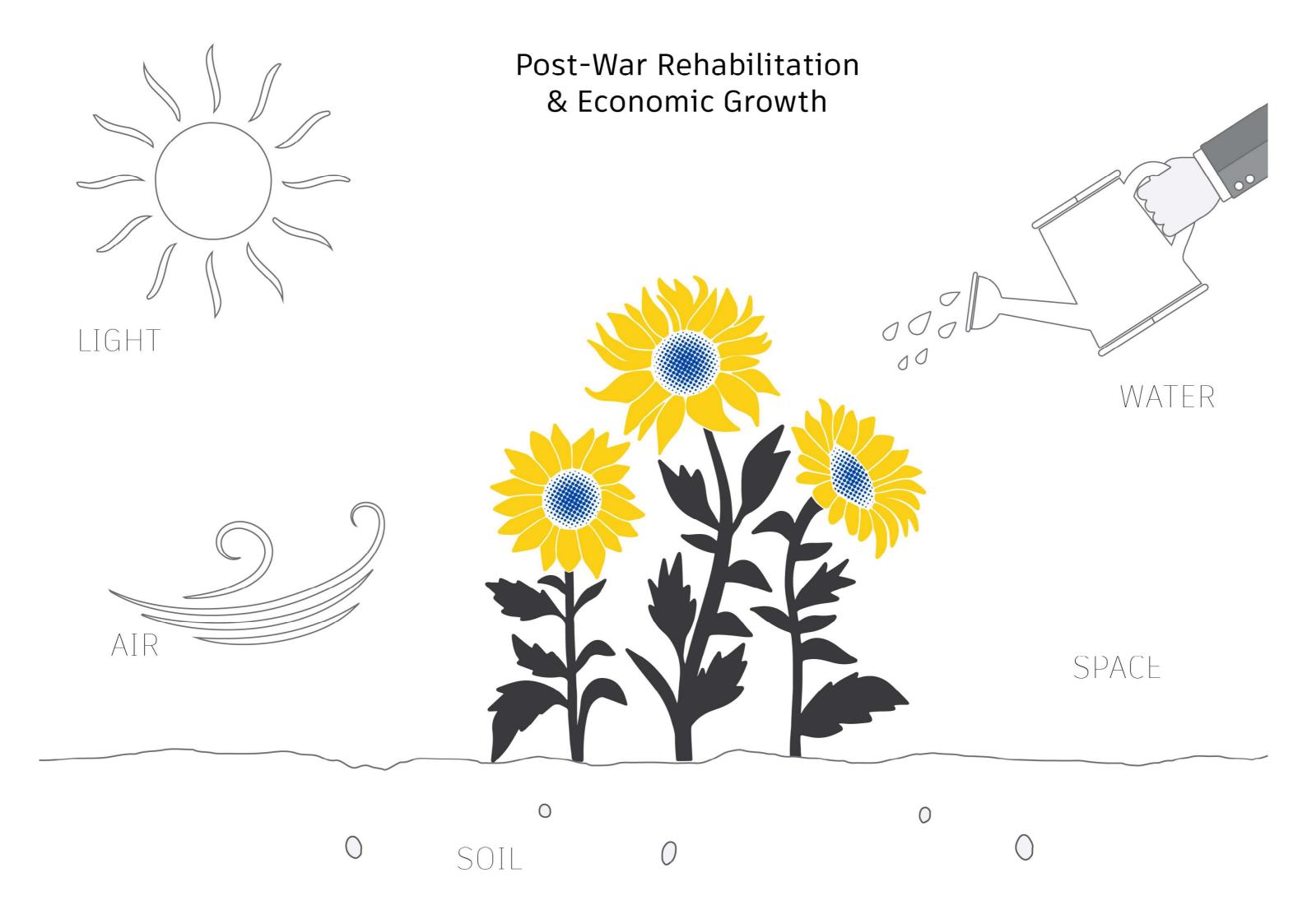
War in Ukraine: what are the options for Europe's energy supply?

How is the war in Ukraine affecting global food security?

Sanctions on Russia: what are the ramifications of this new trade war?

Widespread learning loss among Ukraine's children, as students enter fourth year of disruption to education

Continued attacks on education inside Ukraine and low-level enrolment in host countries have left many of Ukraine's 6.7 million 3–18-year-olds struggling to learn, warns UNICEF Regional Director for Europe and Central Asia Regina De Dominicis



PRESENT	After P1 DECONTAMINATION P1-P2 PLOV	WING THE SOIL
Contaminated, Deserted Land	 Map & analyze the public concerns Define vulnerable groups Add 	tory digging & factoring truths) entify responsible actors dress imbalances of response actions emulate needs & requirements of public
	P2-P3 WATERING P2 SCAT	TTERING THE SEEDS
	 Define architectural qualities Draft design processes incl. response-ability Cla 	elementing knowledge) aft concept scenarios arify response-ability role sition site of action & actors
	P ₃ THE DAYLIGHT FACTOR P ₄ THE	HARVEST FUTURE
	- Manual of architectural development - Fin	Prosperous, Livable Land al design proposal & permanence flection on process & maintenance

PRESENT

Contaminated, Deserted Land

After P1 | DECONTAMINATION | P1-P2 | PLOWING THE SOIL

(Identify threats & risks of actions)

- Map & analyze the public concerns
- Define vulnerable groups
- Clarify employed responsibility & actions

(History digging & factoring truths)

- Identify responsible actors
- Address imbalances of response actions
- Formulate needs & requirements of public

P2-P3 | WATERING

(Providing opportunities)

- Define architectural qualities
- Draft design processes incl. response-ability
- Determine position of public in scenario

2 | SCATTERING THE SEEDS

(Implementing knowledge)

- Draft concept scenarios
- Clarify response-ability role
- Position site of action & actors

P₃ | THE DAYLIGHT FACTOR

(Shining light on response abilities)

- Manual of architectural development
- Community led design processes
- Adaptability & performance

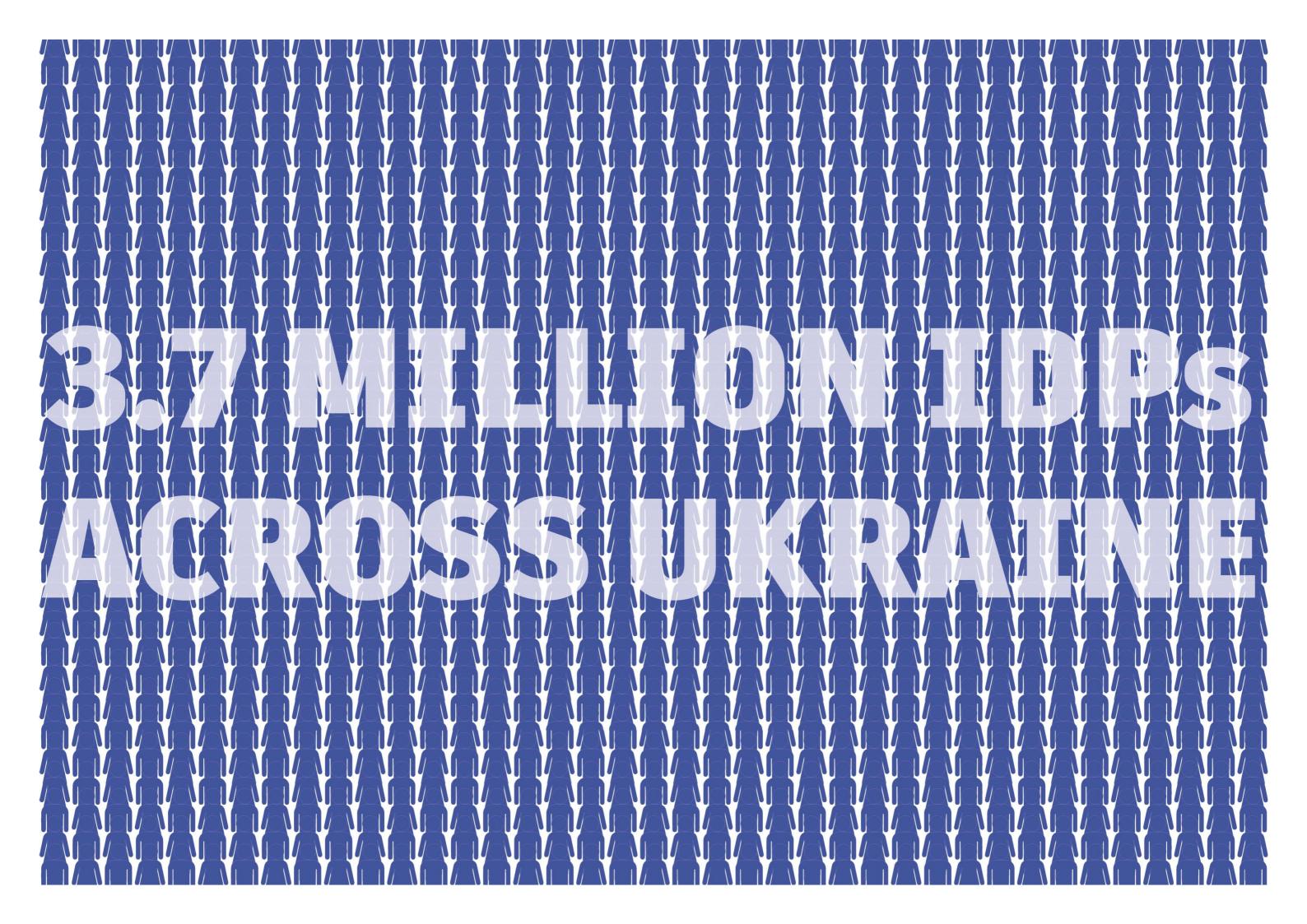
4 THE HARVEST

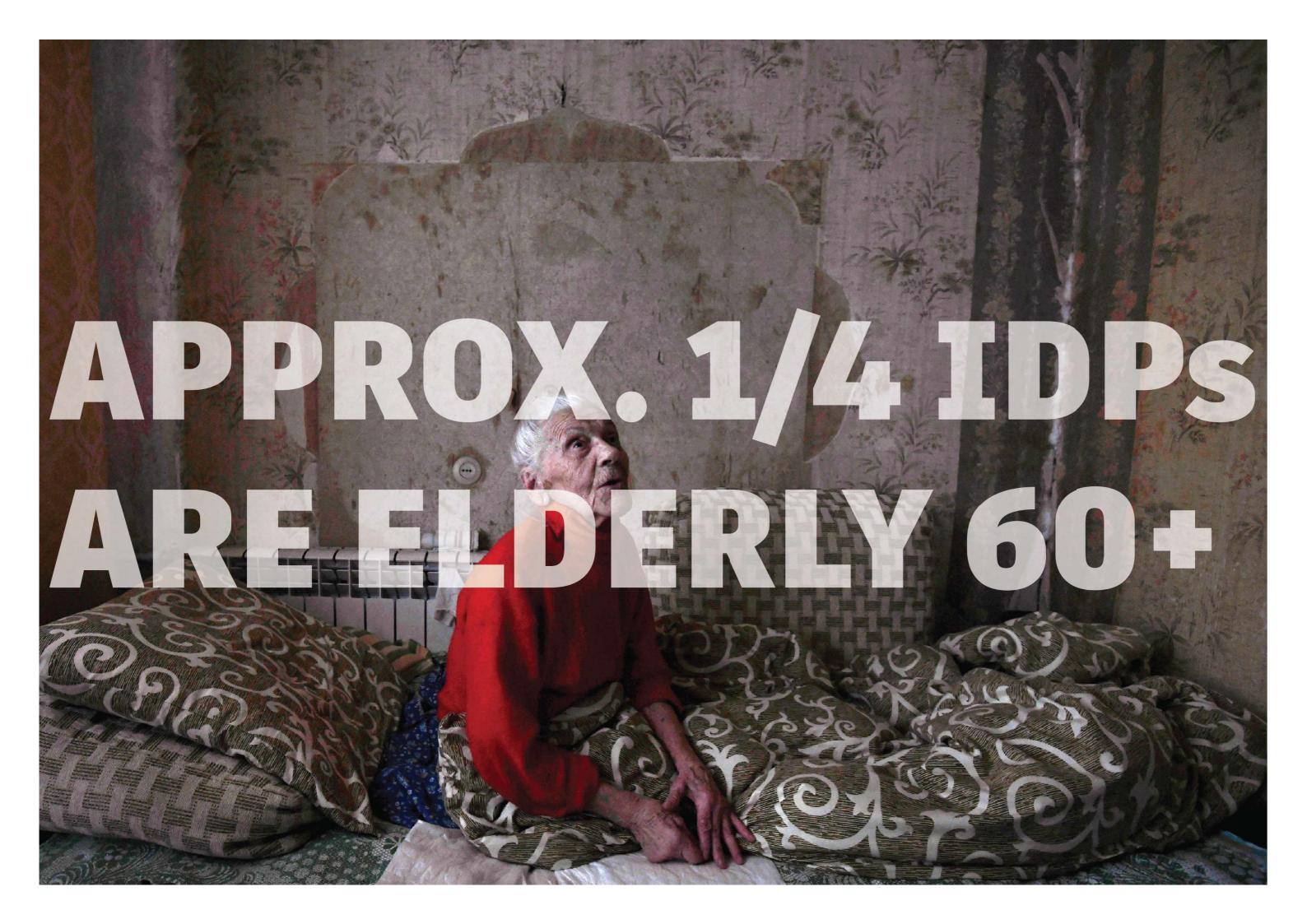
(Developing with care)

- Final design proposal & permanence
- Reflection on process & maintenance

FUTURE

Prosperous, Livable Land











"There is no desire to do anything (...) The mood is not the same. A different life has suddenly come. (...) we can say that we have a feeling that it is all inappropriate now. Maybe young people perceive it differently. (...) And we cannot adapt to live here, we cannot get a job. So we are all waiting when we can go home." - Wira, 68

"I want to go somewhere to work. But when they ask me my age and I say that I am 76 years old, everyone refuses." - Borys, 76

"We lack information, especially pensioners. It is quite difficult for us here, due to limited financial opportunities. If there was a platform where such information would be collected, it would be very good." - Lyubov, 60

Physical Capital



Destroyed housing



Lack of (functioning) community ammenities



Lack of support services

Loss of belongings, documentation and properties

Limited growth and self-development

Health issues and loss of livelihood



Low household housing



Lack of economic opportunities



Fragmented & limited governmental aid

Increased poverty

High unemployment rate

Lack of (skilled) social workers

More pressure on political and commercial services



Health issues



Lack of social opportunities



Displacement & isolation

High mortality rate

Forced to live in isolated shelters

Decreasing mental health

Lack of social integration (in local community)

Nature Capital



Lack of planned public parks



Industrial air pollution



Low urban biodiversity

Imbalanced urban fabric

Poor air quality

Threat to people's health

Loss of natural ecosystems

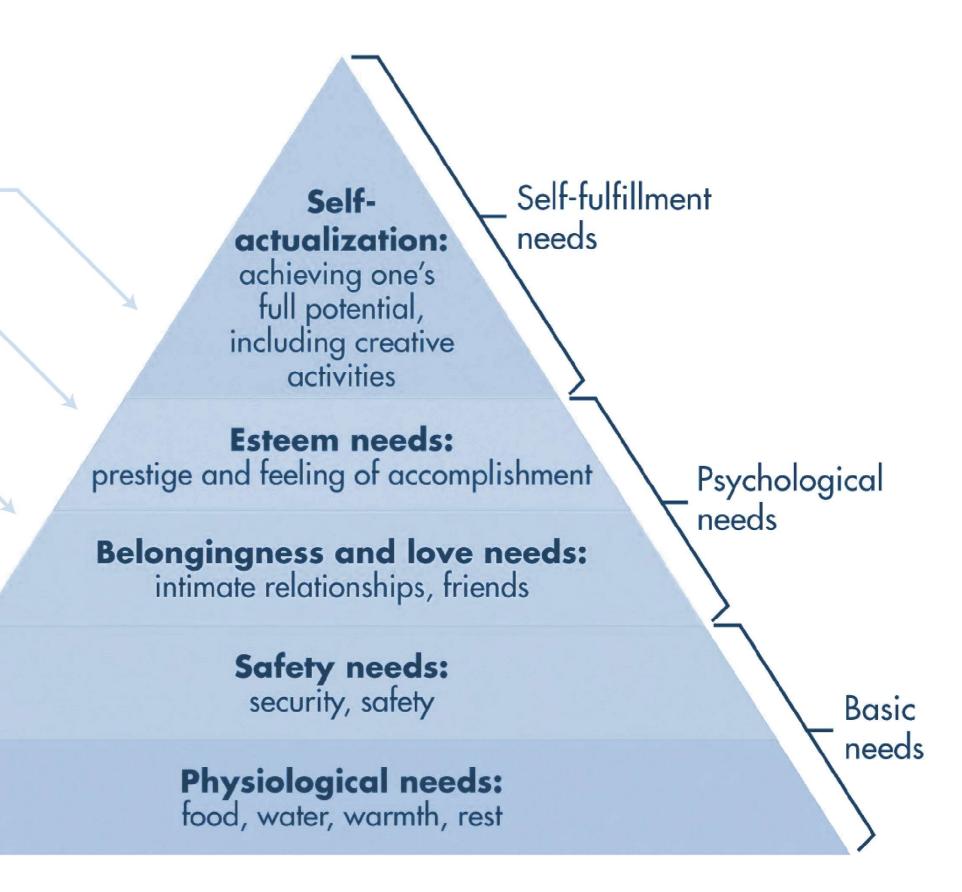
Hobbies, Meditation

Job, Community Activity

Close Family Members

State Government Local Municipalities

Universal NGOs Local NGOs Social Workers



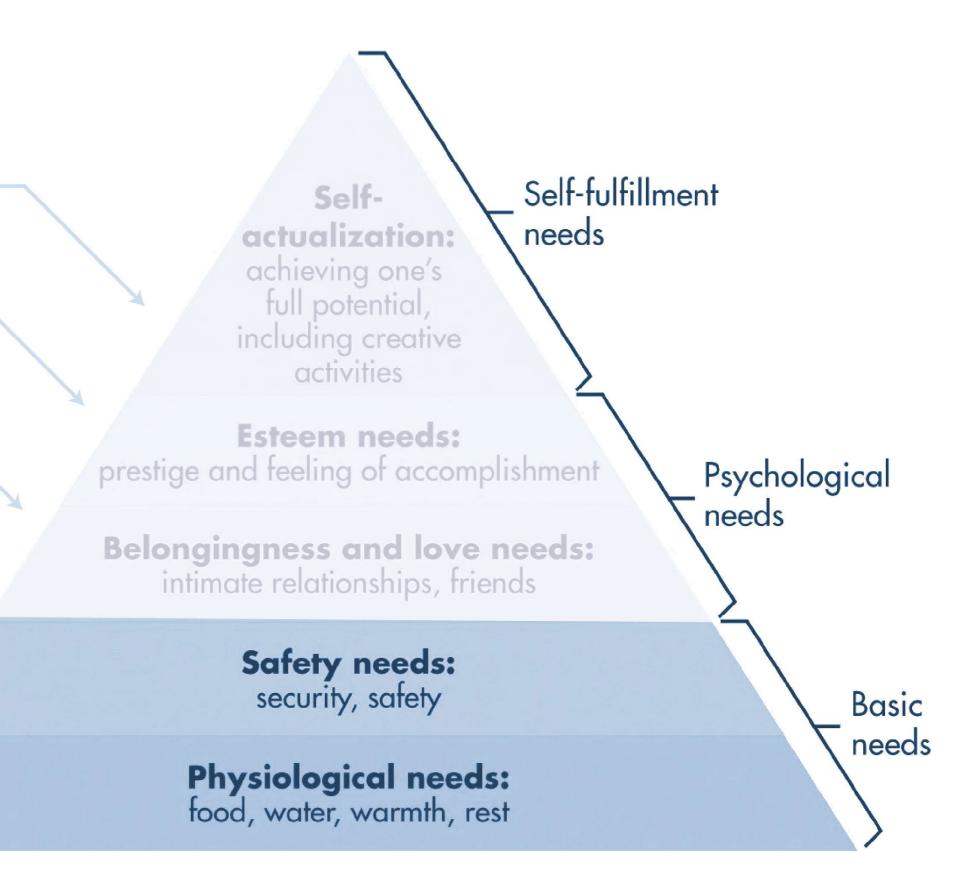
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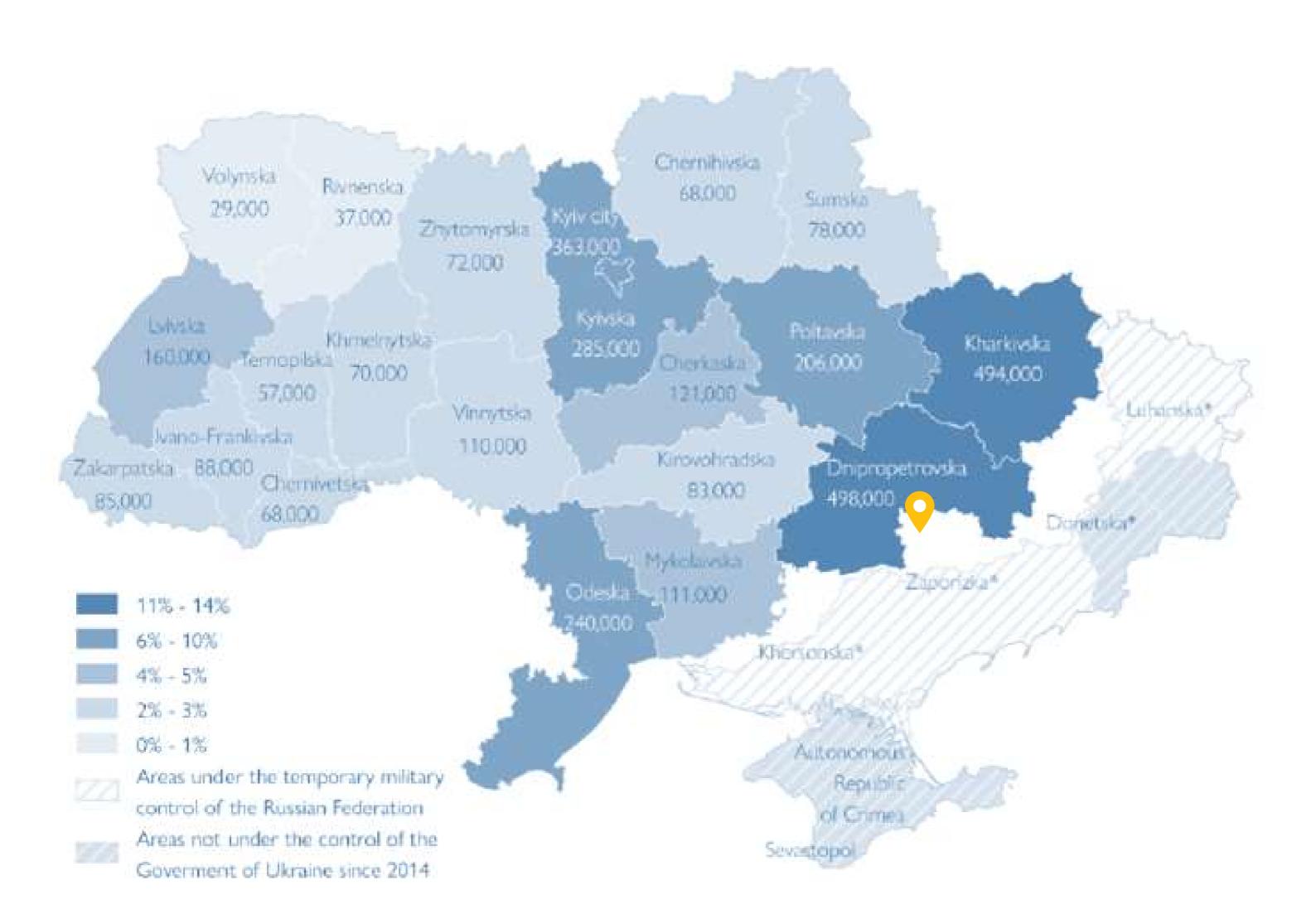
Universal NGOs Local NGOs Social Workers



Physical Capital	 Loss of belongings, documentation and properties Limited growth and self-development Health issues and loss of livelihood 	Sustainable community development	 Accessible (governmental) information Local community support groups Accessible NGOs social services Recycling construction techniques and materials
Financial Capital	 Increased poverty High unemployment rate Lack of (skilled) social workers More pressure on political and commercial services 	Livelihood opportunities	 Service trading Joint / Shared working opportuninties Skills workshops and training Responsibility and tasks delegation
Social & Human Capital	 High mortality rate Forced to live in isolated shelters Decreasing mental health Lack of social integration (in local community) 	Human Development	 Access to medical resources Mix of activities and programme Local community integration Mental health support groups
Nature Capital	 Imbalanced urban fabric Poor air quality Threat to people's health Loss of natural ecosystems 	Densification	 Planting new trees and wildflowers Regulated use of industrial factories Revival of biodiversity Community gardens



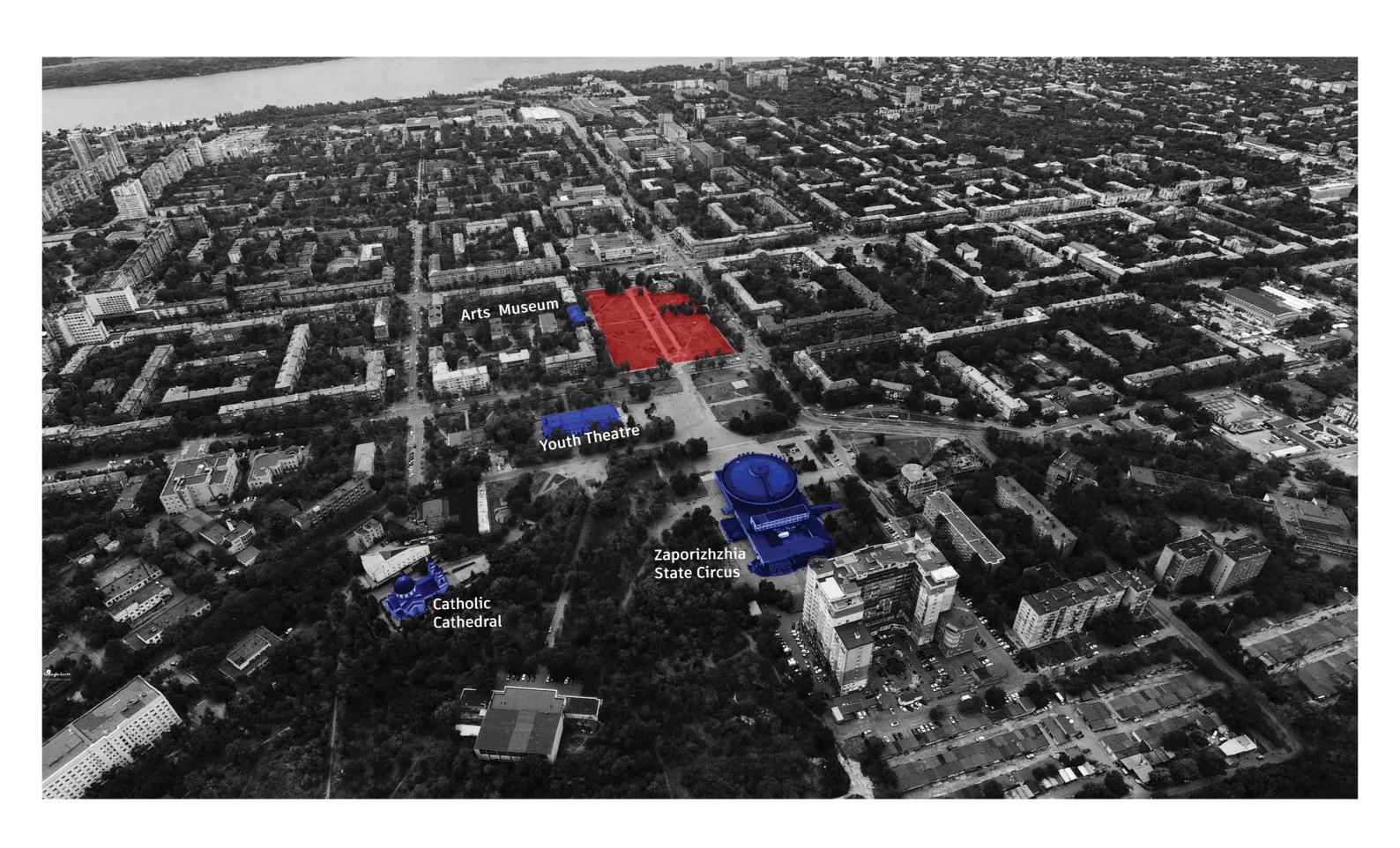
PRESENT	After P1	DECONTAMINATION		P1-P2	PLOWING THE SOIL	
Contaminated, Deserted Land		(Identify threats & risk - Map & analyze the pu - Define vulnerable gro - Clarify employed res	ublic concerns oups		 (History digging & factoring truth Identify responsible actors Address imbalances of response Formulate needs & requirements 	actions
	P2-P3	WATERING		P2	SCATTERING THE SEEDS	
		(Providing opportunities)Define architectural of the control of	qualities es incl. response-ability		(Implementing knowledge)- Draft concept scenarios- Clarify response-ability role- Position site of action & actors	
	Рз	THE DAYLIGHT FACTO	OR \	P4	THE HARVEST	FUTURE
		(Shining light on response of the community led designed) - Adaptability & performance of the community led designed.	ral development in processes		(Developing with care) - Final design proposal & permane - Reflection on process & mainten	

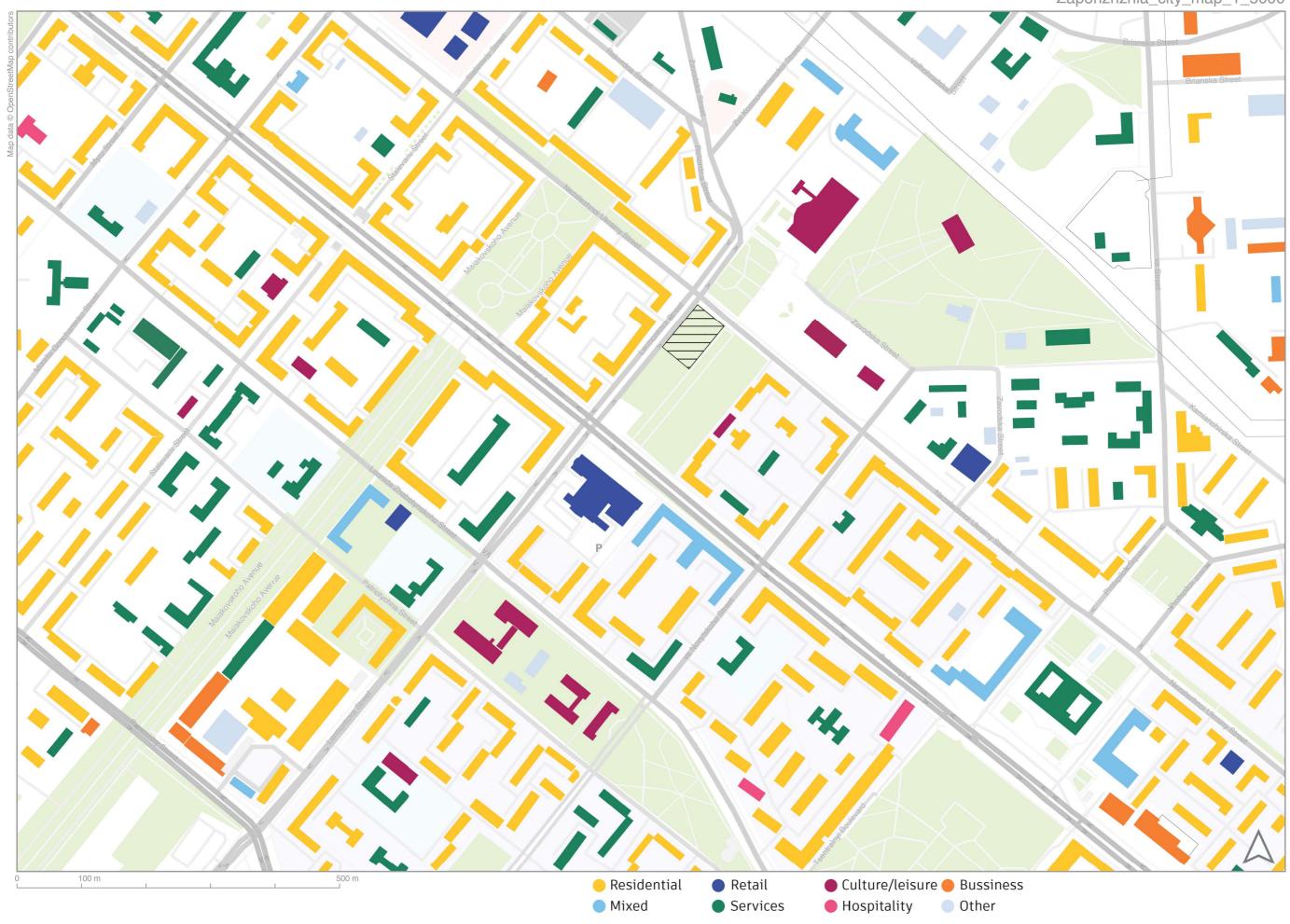




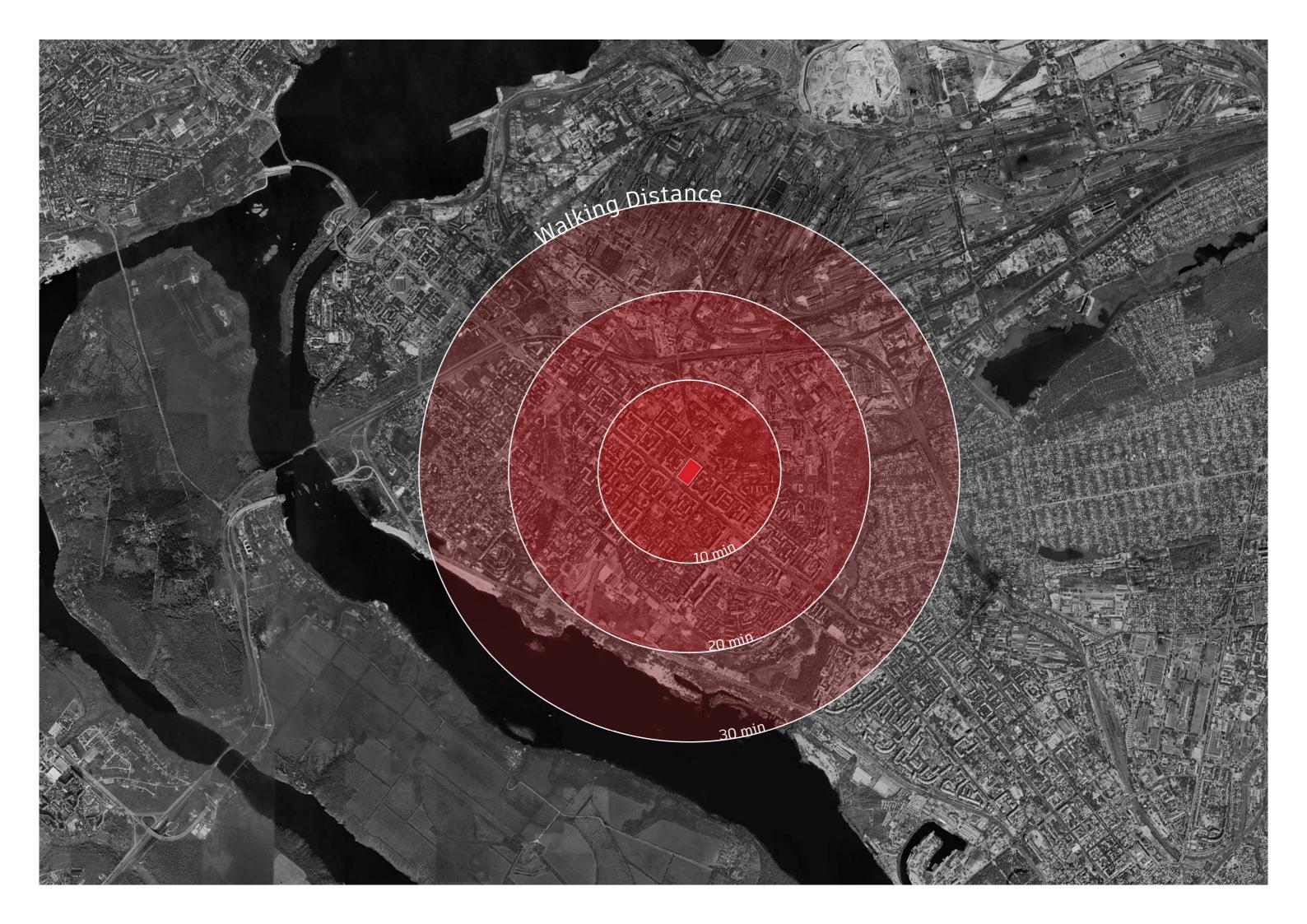




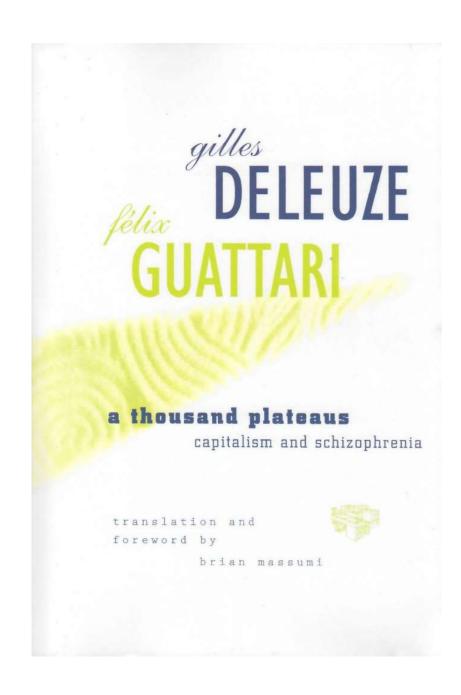












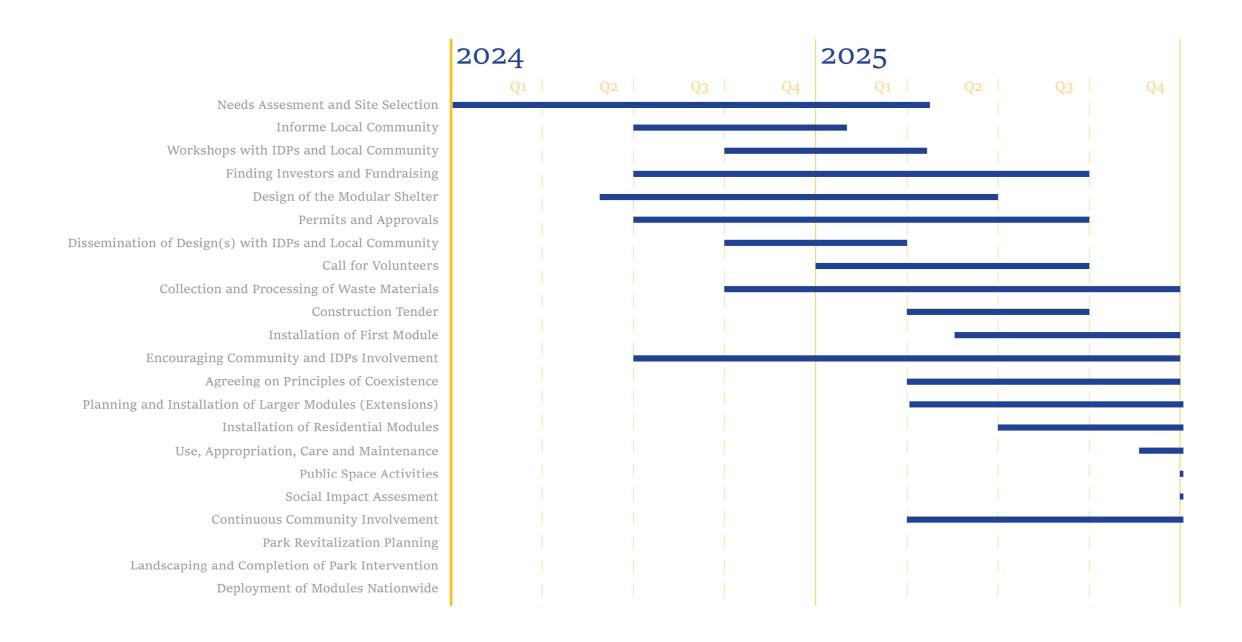
CHAPTER 10: BECOMING CHILD - BECOMING OTHER

- 1. A model for embracing change, resistance, and innovation is particularly pertinent in an era marked by rapid technological advances, environmental crises, and social upheaval. The concept challenges us to reconsider our approaches to education, social organization, and even political structures, advocating for a more fluid, open-ended, and inclusive perspective that values diversity and multiplicity.
- 2. Significant in the context of re-evaluating human-nature relationships. It suggests a more integrated and holistic approach, recognizing the interconnectedness of human and non-human elements in our world. This perspective aligns with growing environmental consciousness and the push towards more sustainable and harmonious ways of living.

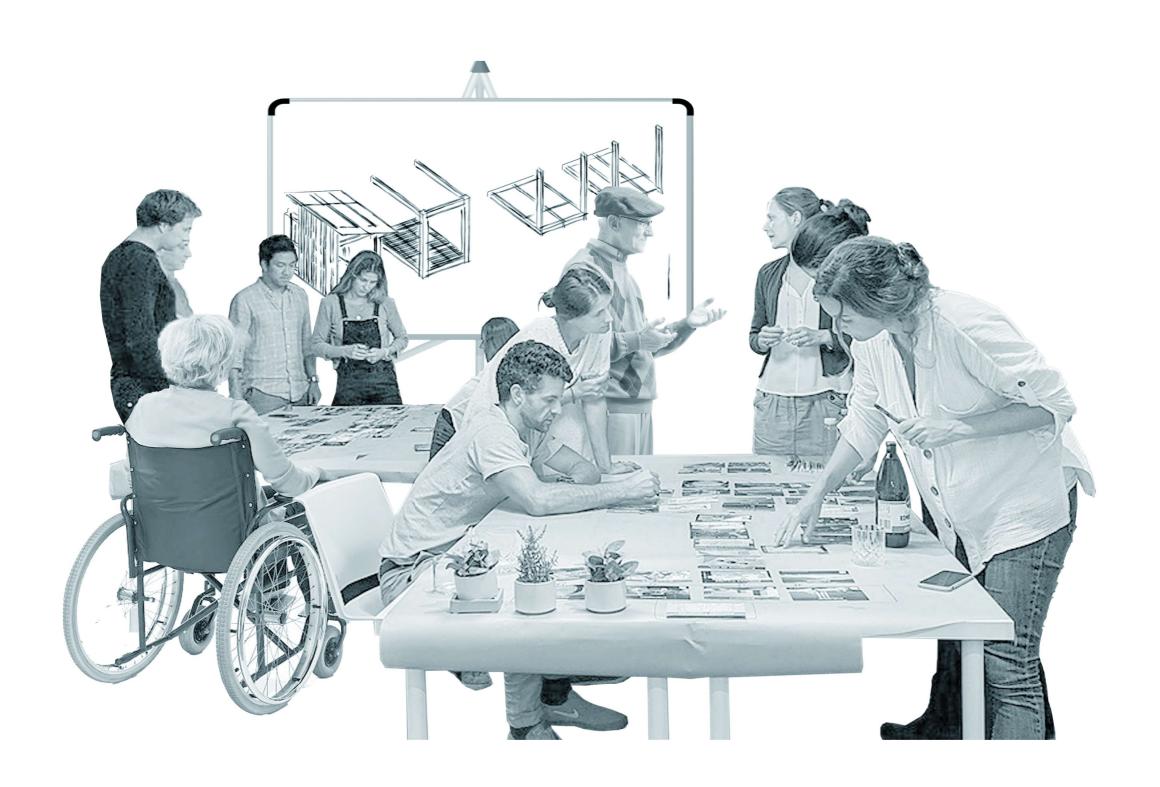




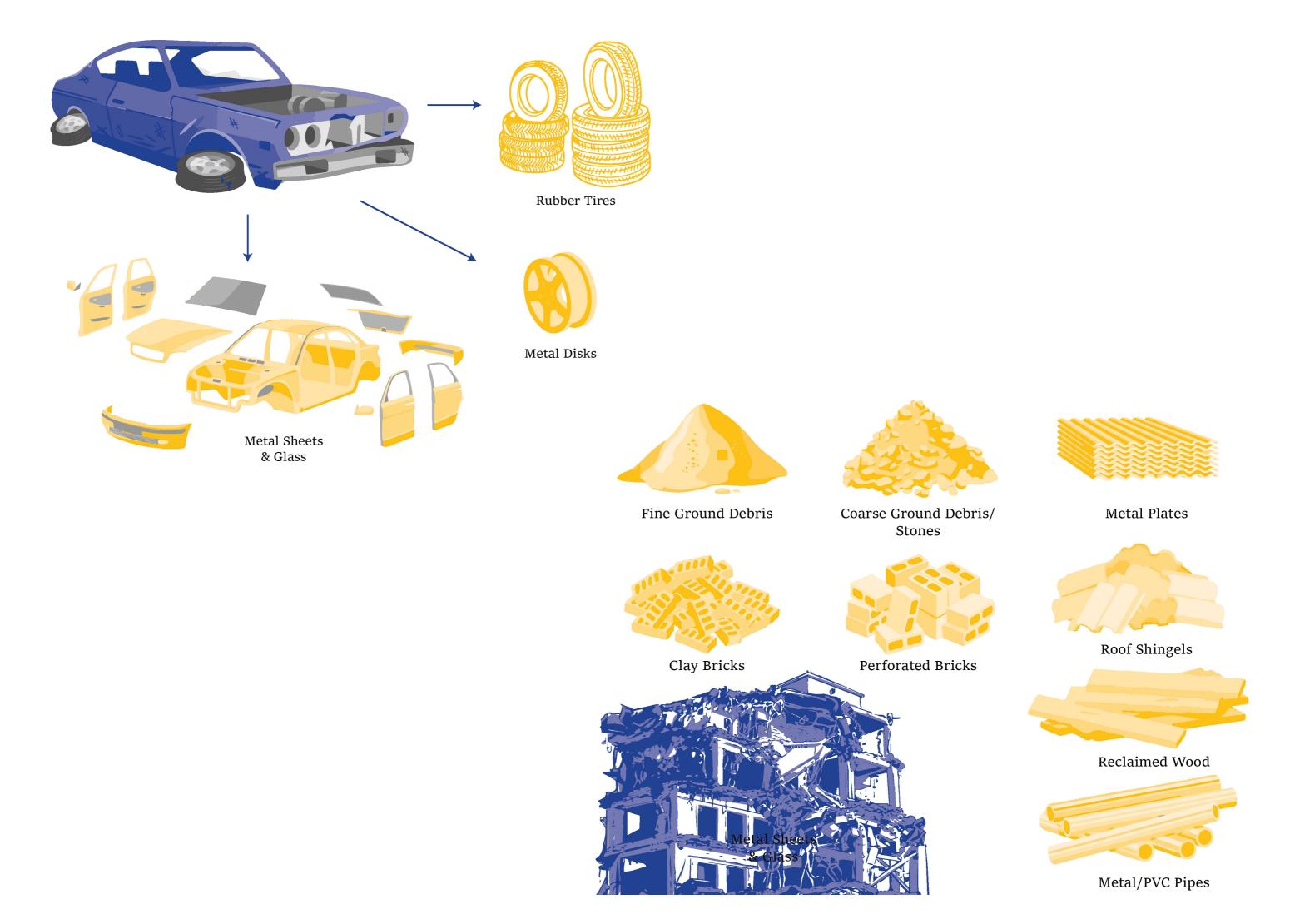


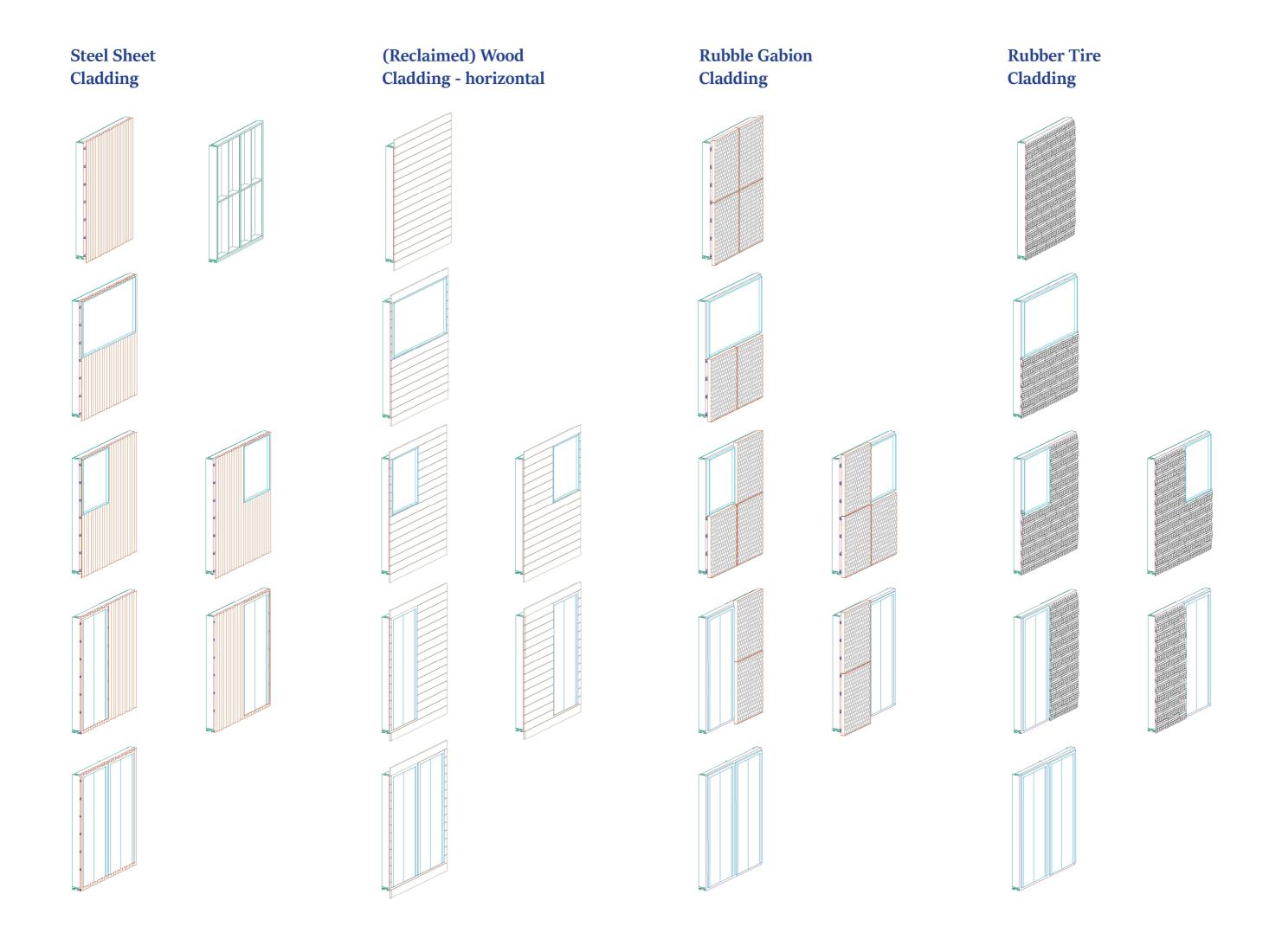


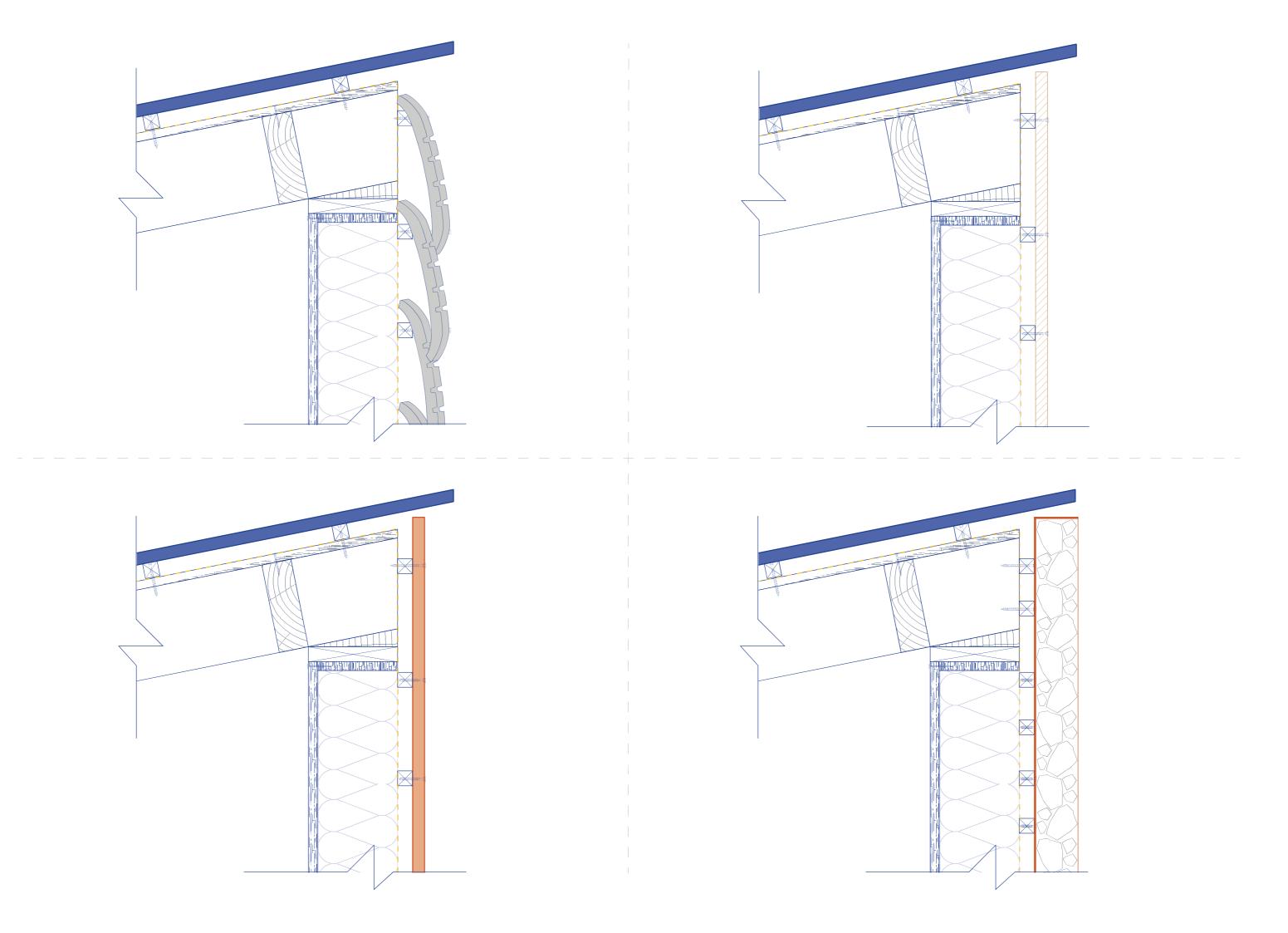


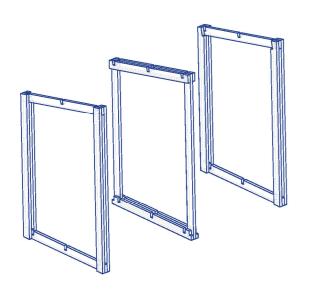








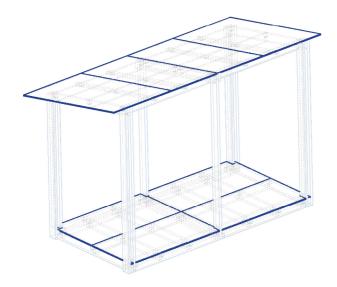




Step 1 - Portal Frames



Step 4 - Floor Cross-Beams



Step 7 - Floor & Roof Boards



Step 2 - Inter-connectors



Step 5 - Roof Long Beams

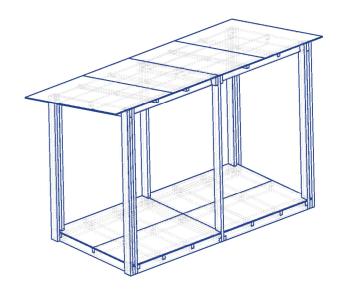


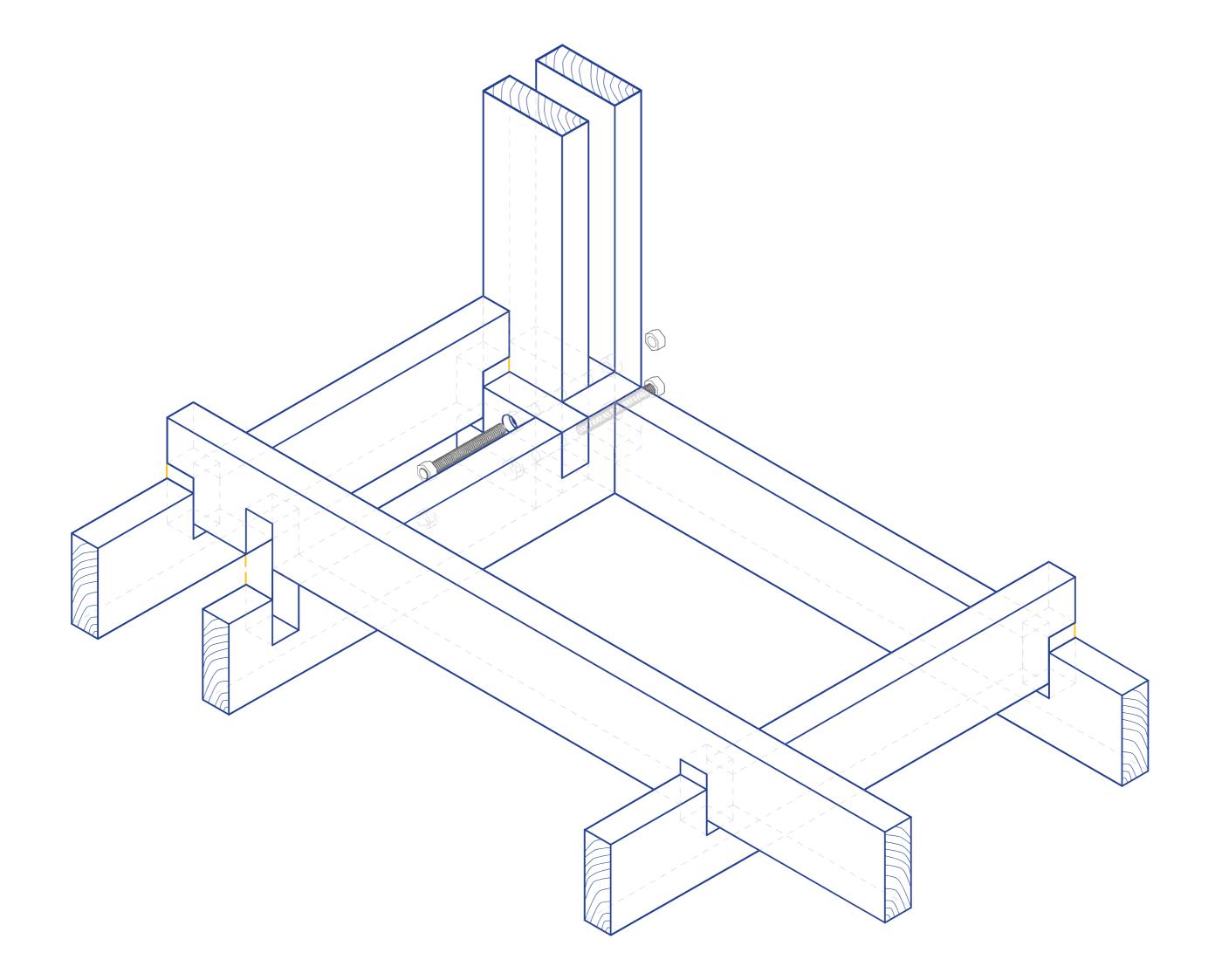


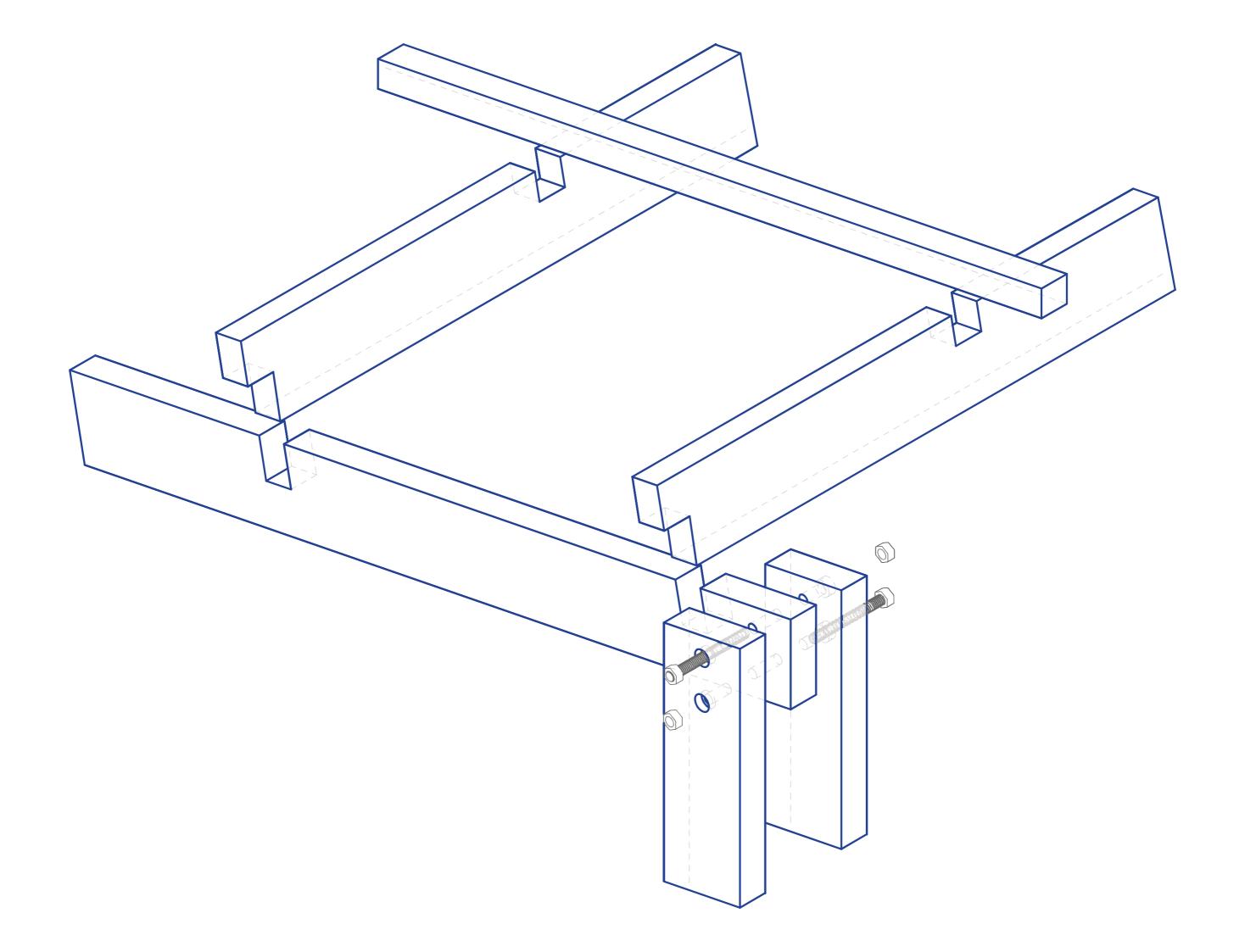
Step 3 - Floor Long Beams



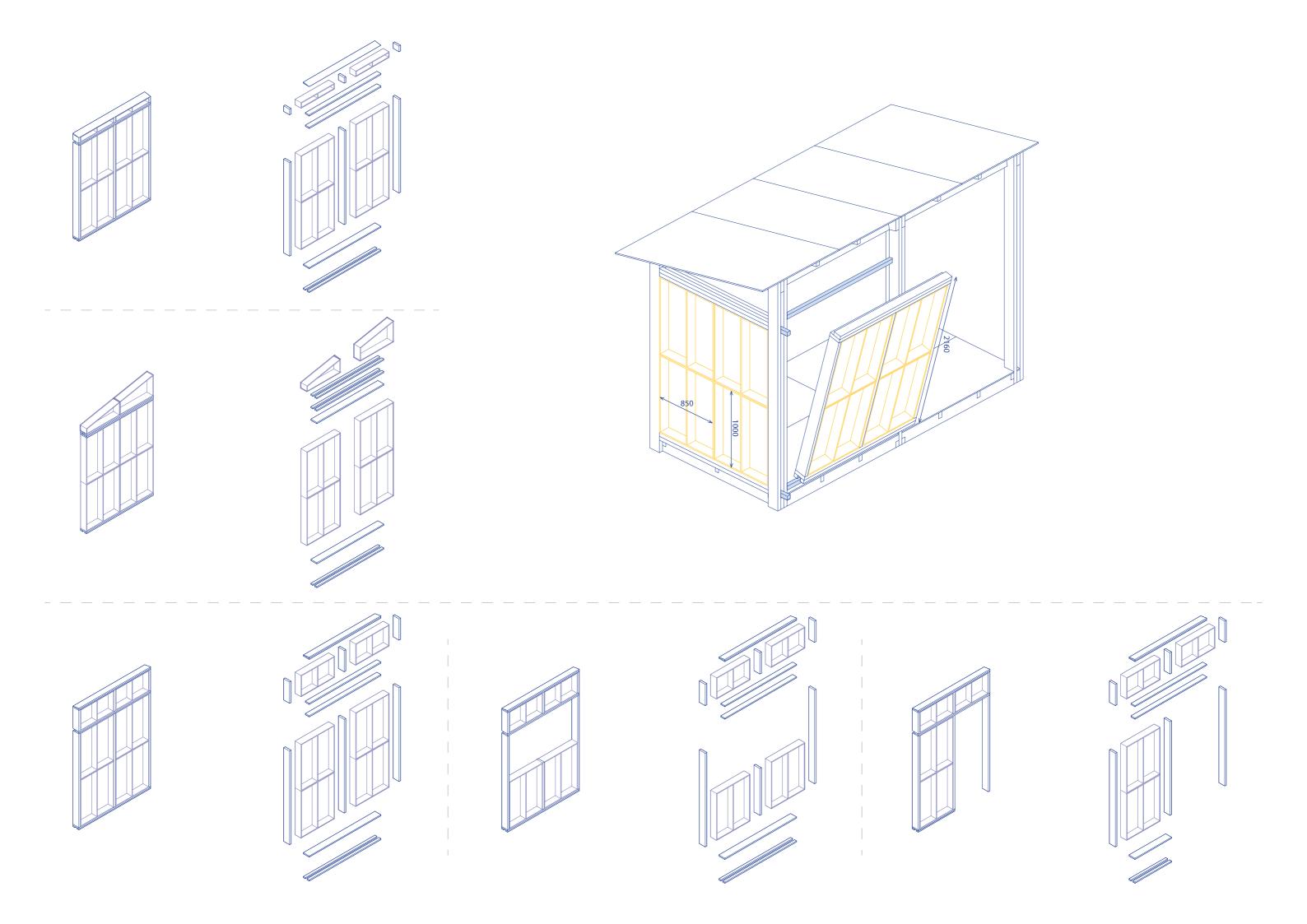
Step 6 - Roof Cross-Beams

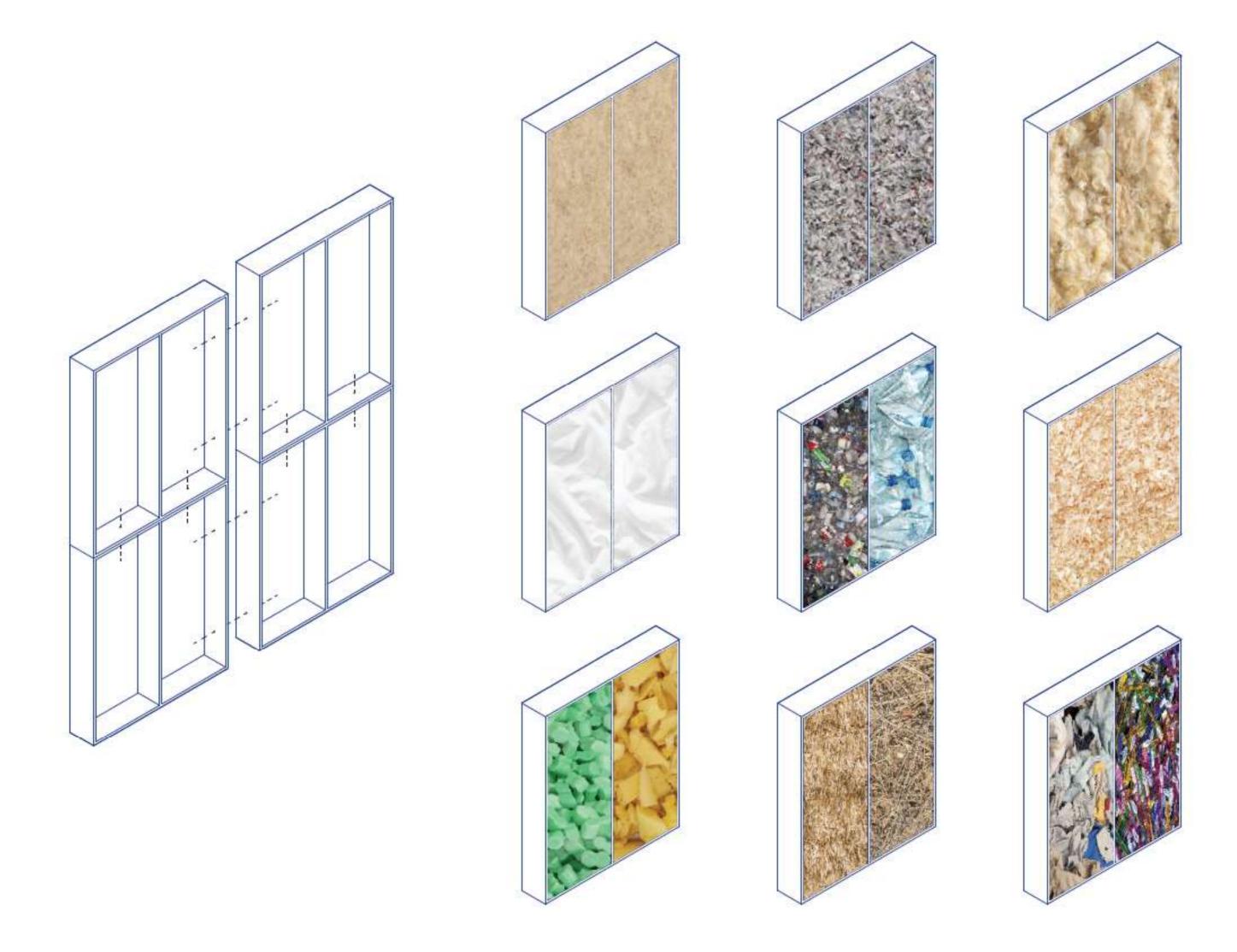












PRESENT	After P1	DECONTAMINATION		P1 - P2	PLOWING THE SOIL	
Contaminated, Deserted Land		(Identify threats & risk - Map & analyze the pu - Define vulnerable gro - Clarify employed resp	oups		 (History digging & factoring truths) Identify responsible actors Address imbalances of response action Formulate needs & requirements of property 	
	P2-P3	WATERING (Providing opportunities - Define architectural of - Draft design processes - Determine position of	qualities es incl. response-ability	P2	SCATTERING THE SEEDS (Implementing knowledge) - Draft concept scenarios - Clarify response-ability role - Position site of action & actors	
	Р3	THE DAYLIGHT FACTO (Shining light on responsible of architecture)	onse abilities)	P4	THE HARVEST (Developing with care) - Final design proposal & permanence	FUTURE Prosperous, Livable Land
		Community led desigAdaptability & perfor	-		- Reflection on process & maintenance	

