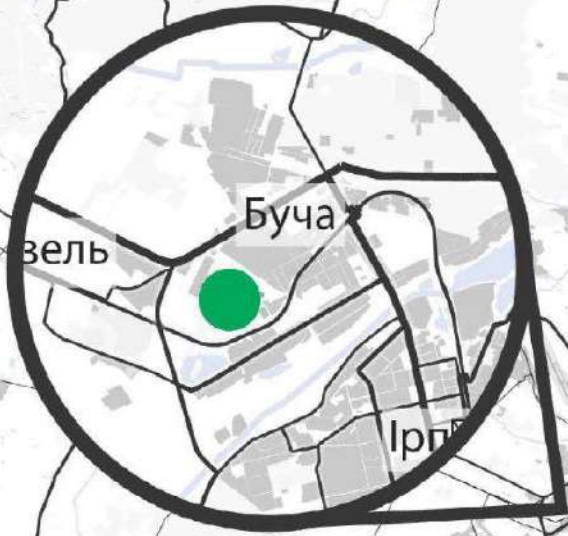


Bucha School





WHERE?



Київ

Bucha School

WHY?



DAMAGES IN BUCHA REGION

Bucha, a town in the Kyiv region, was one of the first to meet the enemy and start fighting the occupiers. Because of the horrendous cruelty of the Russian army towards Ukrainian civilians, Bucha became one of the bitter symbols of the war.

After the de-occupation, numerous pieces of evidence of civilian killings, torture, and other crimes emerged. The housing stock suffered greatly, as did the social and educational infrastructure of the city — **almost every institution was damaged in one way or another during the occupation.**



Vorzel preschool institution 12 "Lastivka"



Lubyanka institution of preschool education of combined type No. 9 "Voloshka"



Bucha lyceum No. 3



Lubyanka gymnasium No. 7



DAMAGES IN BUCHA REGION

2514

BUILDINGS DAMAGED

185

BUILDINGS DESTROYED

\$191 mln.

TOTAL DAMAGES

\$5.6 mln.

**TOTAL DAMAGES TO
EDUCATIONAL BUILDINGS**

9983

**TOTAL NUMBER OF IDPs
SETTLED IN BUCHA
DISTRICT**

2241

**A QUARTER OF IDP'S ARE
CHILDREN AND THEIR NUMBER
IS GROWING**

WHY SHOULD WE START WITH BUCHA?

With Kyiv being the urban center of Ukraine, building new schools is not only a practical necessity to meet the demands of a growing population but also a strategic investment in the region's future prosperity, development, and well-being. The Bucha School project offers an opportunity to pursue numerous significant objectives:

01

Rebuilding Social Fabric

Educational institutions serve as important community hubs where people gather, interact, and learn together. By rebuilding schools and universities, communities can rebuild their social fabric, fostering unity, collaboration, and a sense of belonging among residents.

02

Fostering Economic Recovery

By rebuilding educational institutions and investing in education, the Kyiv region can equip its residents with the knowledge, skills, and qualifications needed to participate in the workforce and contribute to the region's economic recovery and growth.

03

Promoting Stability and Resilience

Access to education is a key factor in promoting stability and resilience in post-conflict regions. By providing opportunities for learning and skill development, educational institutions empower individuals to contribute to the rebuilding of their communities.

04

Investing in the Future Generation

Rebuilding educational institutions ensures that children and young adults have access to quality education, which is essential for their future success and the future prosperity of the region.

05

Meeting Growing Demand and IDP's

As more people, especially young families, migrate to the Kyiv region, or were settled there as IDP's, there is an increased demand for educational facilities. Building new schools helps meet this growing demand and ensures that all children have access to quality education.

06

Improving Educational Quality

Building new schools allows for the implementation of innovative teaching methods, access to updated resources, and improved learning environments conducive to academic success.

BUCHA SCHOOL PRO-FORMA BUDGET

At mid-2023 prices

Calculated for 14 528 sq.m. area

	EUR with VAT
DESIGN AND DOCUMENTATION	400,000.00
GENERAL CONSTRUCTION, of which:	8,300,000.00
<i>Building frame</i>	3,500,000.00
<i>Facades</i>	1,500,000.00
<i>Roof</i>	900,000.00
<i>Interior decoration</i>	2,400,000.00
INTERNAL ENGINEERING EQUIPMENT	5,000,000.00
ON-SITE NETWORKS AND ENGINEERING	250,000.00
EQUIPMENT OF THE PREMISES (furniture, kitchen, etc.)	1,400,000.00
LANDSCAPING AND SPORTS FIELDS	2,200,000.00
OFF-SITE ENGINEERING NETWORKS AND ROADS	800,000.00
TOTAL	18,350,000.00

A photograph of a modern school building with a courtyard. The building has large windows and a brick facade. In the foreground, there is a grassy hill with several people, including a child with a yellow backpack. Tall pine trees are scattered throughout the courtyard. The sky is blue with some clouds.

The war ruined homes, shops and schools in Bucha - but not the free spirit of Ukrainians. We are starting a new page of our history, stronger than we ever were. And the Bucha School will be the symbol of our new world.

16 8 12
12:07

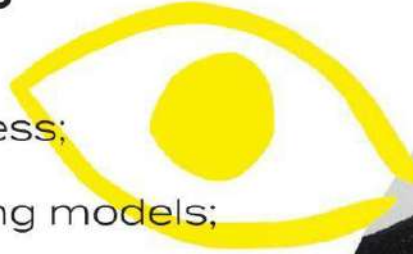


HOW?



GET-TO-KNOW WORKSHOP

- stakeholders role in design process;
- development of schools, financing models;
- good practices of creating modern schools;
- Bucha School workshop;
- results.



GET-TO-KNOW WORKSHOP

key results

what do students, teachers
and parents really need?



safety - transformable shelter,
enclosed school territory



high-quality food and water,
variety of choices



qualified, always improving **staff**,
spaces for teachers



independent energy supply,
automatic systems



multifunctional indoor and out-
door **spaces** for children; recre-
ation areas for teachers



variety of classes and activities
(during and after school)



HANDS ON THE SCHOOL WORKSHOP

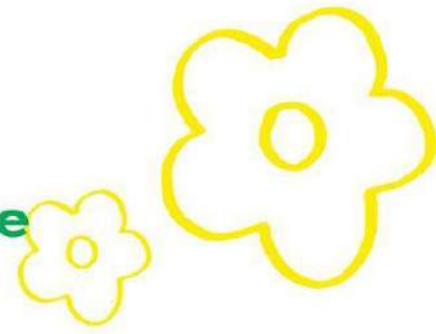
- most important school spaces;
- future school workshop;
- results.



HANDS ON THE SCHOOL WORKSHOP

key results

which school spaces are the most important for kids?



swings

botanical gardens

a slide

massage room

zoo

SPA area
trampolines

disco

movie theater

Tik Tok
filming room





WHAT?





**2.7 ha
plot size**

**150
kids in nursery**

**720 students
in school**

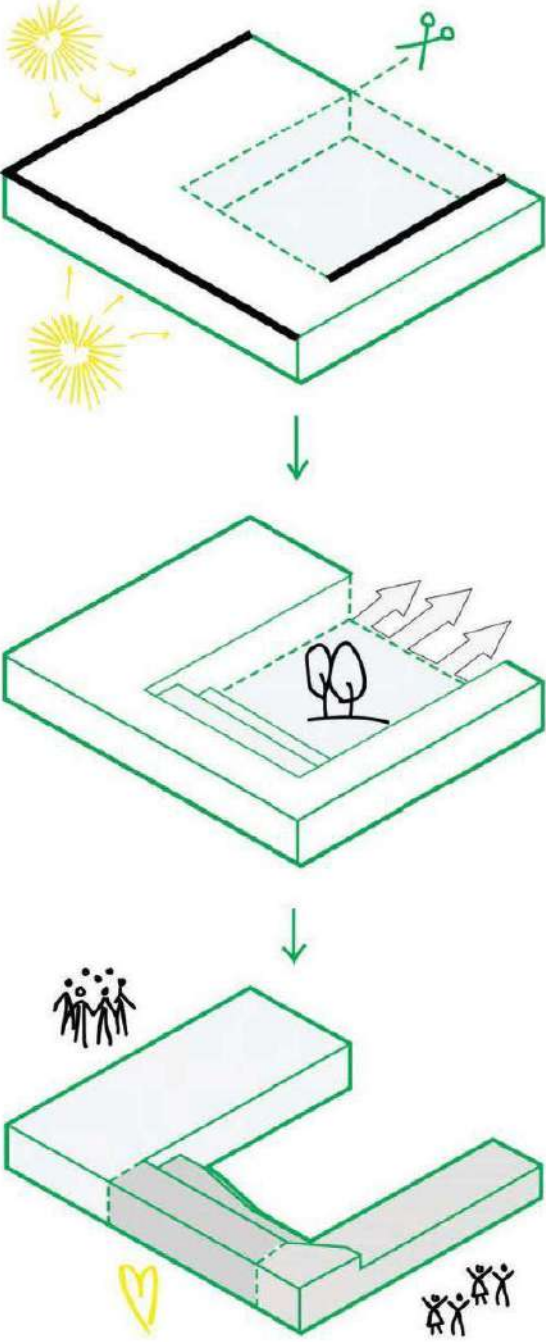
**A energy
efficiency class**

SITE PLAN

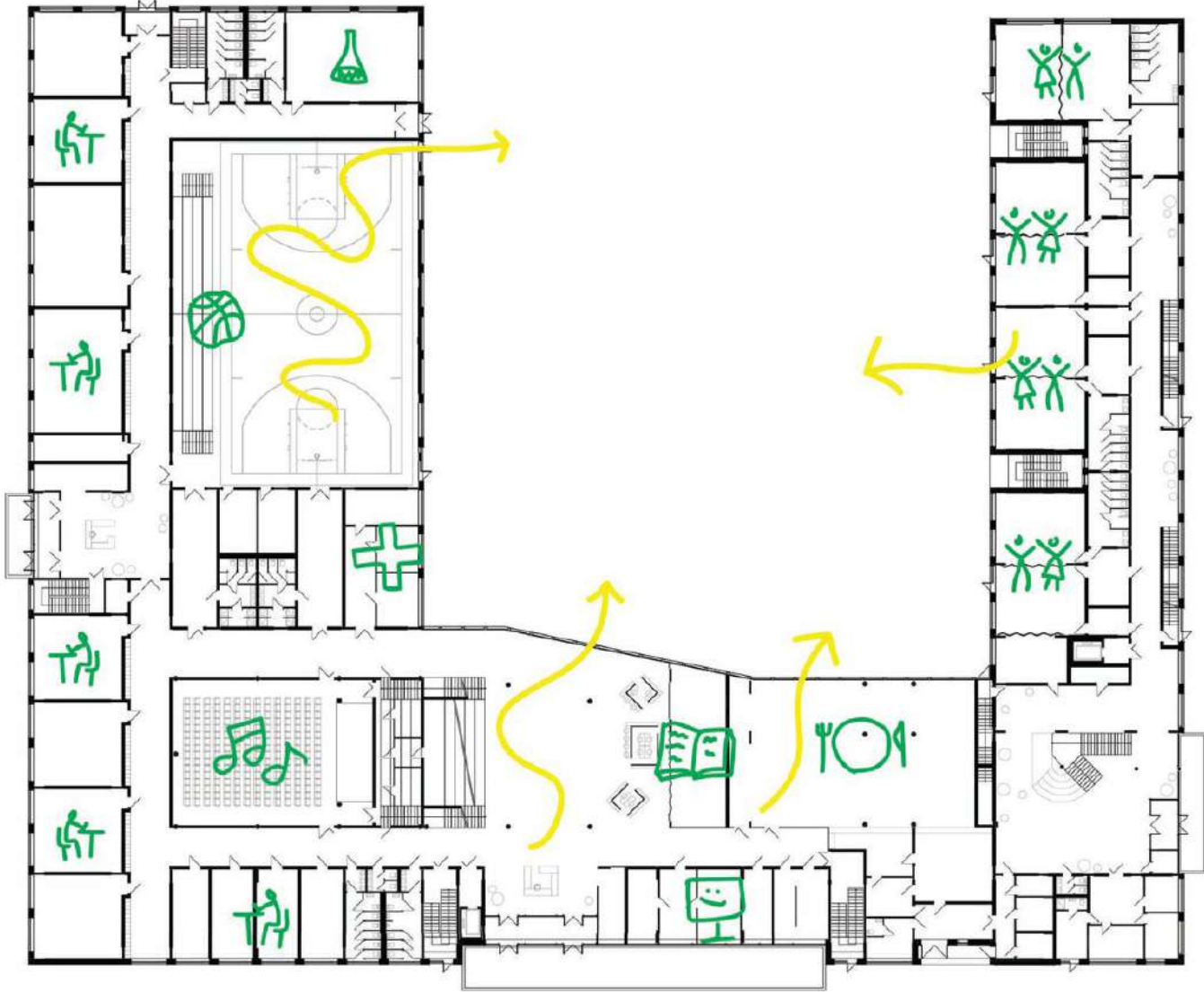


Plot size	25 766,6 m ²
Building area	14 602 m ²
Parking spots	62

SCHOOL CONCEPT



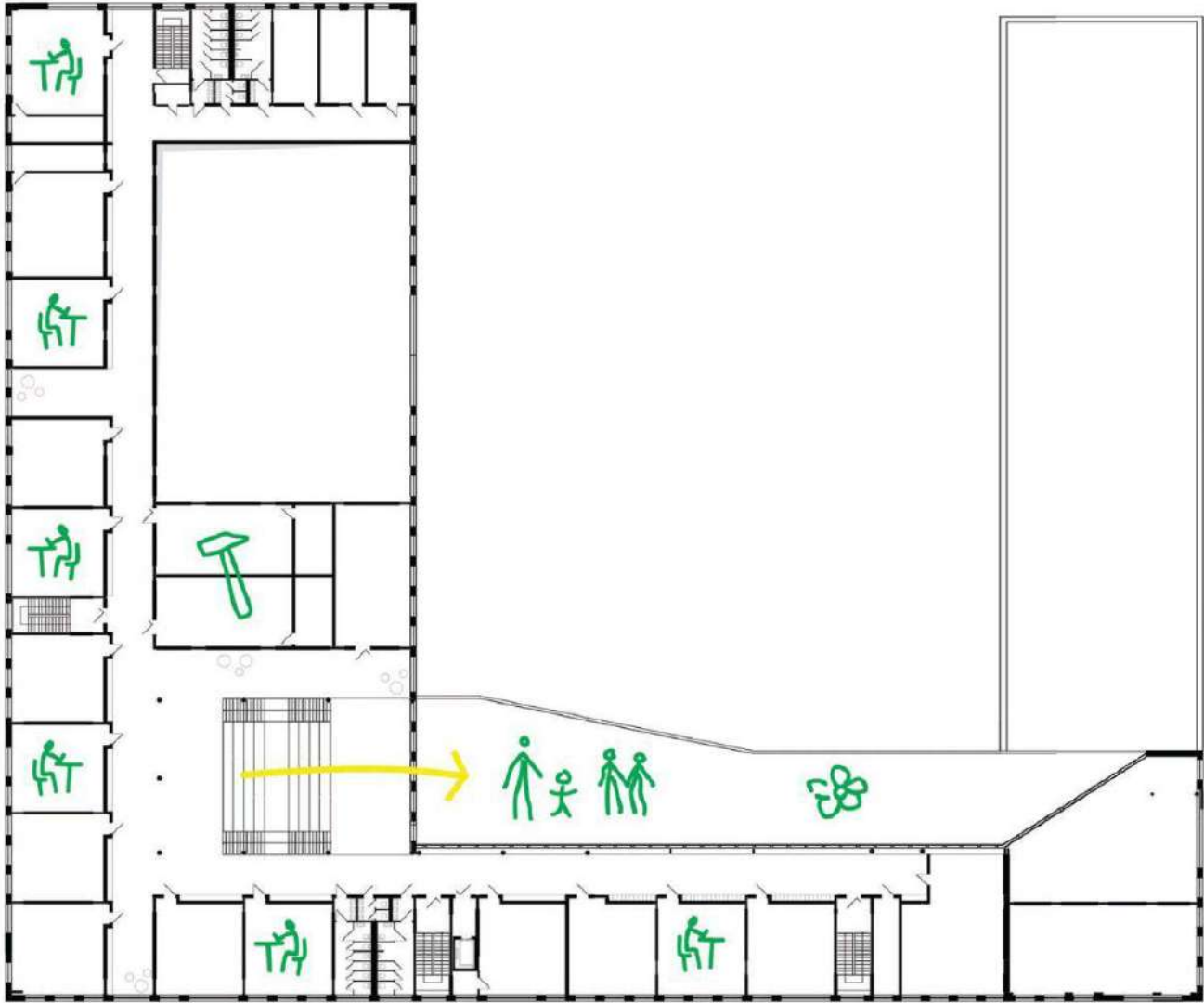
PLANS. 1ST FLOOR



PLANS. 2ND FLOOR

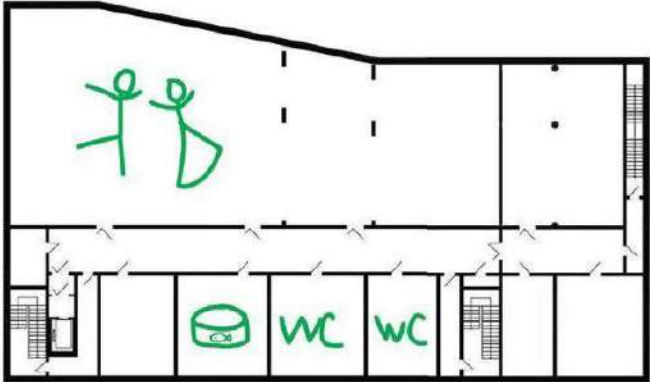


PLANS. 3RD FLOOR

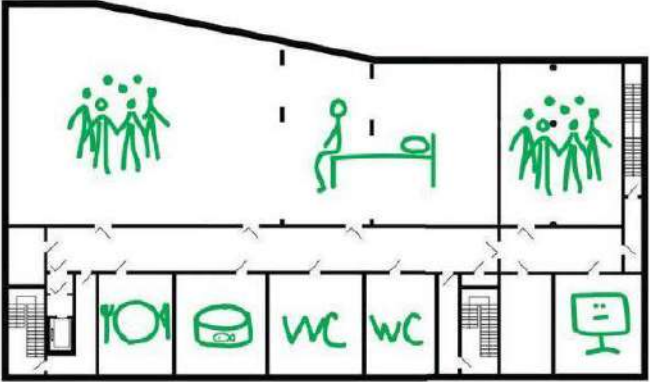


PLANS. UNDERGROUND FLOOR

EVERYDAY



EMERGENCY



SUSTAINABILITY



- Sun protection / shading
- Active cooling systems
- Geothermal energy
- Air temperature regulation
- Bicycles
- Pedestrians



- Suitable microclimate
- Solar power
- High requirements for outside partitions



- Water heating with geothermal systems
- Comfortable acoustics
- Balanced artificial and natural lighting
- Heating and cooling floor system
- Active lightning protection



- Sun and wind protection
- Community spaces
- Green areas (cooling and shadow)
- Gardening
- Green fences
- Modular, sustainable outdoor furniture



WHAT'S NEXT?



PROCESS

**Analysis of results,
improvement of plans**

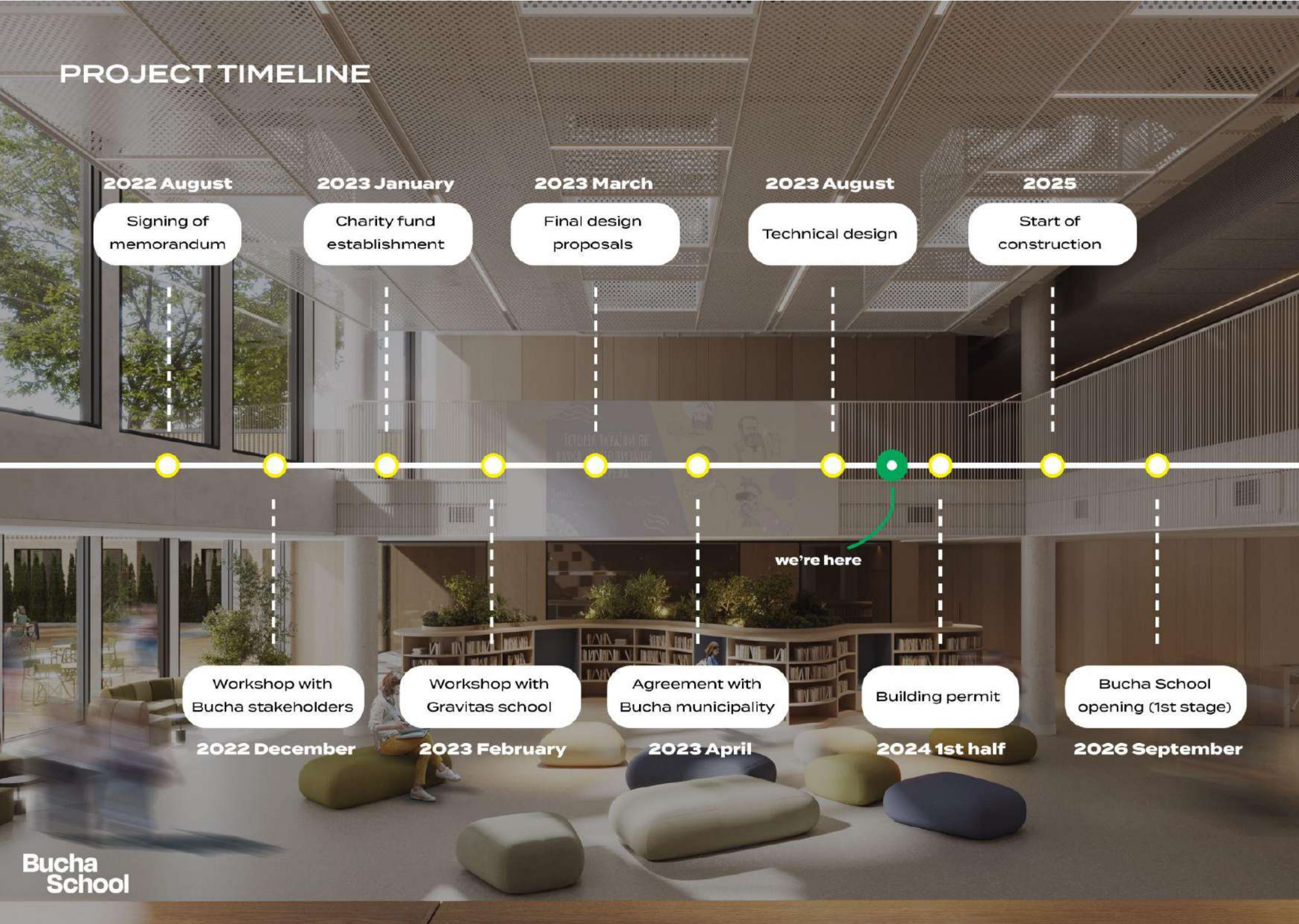
**Presentation and
feedback from the
community**

**Consultation and
feedback from
administration,
operators**

Updating the project



PROJECT TIMELINE



2022 August

Signing of memorandum

2023 January

Charity fund establishment

2023 March

Final design proposals

2023 August

Technical design

2025

Start of construction

Workshop with Bucha stakeholders

2022 December

Workshop with Gravitas school

2023 February

Agreement with Bucha municipality

2023 April

Building permit

2024 1st half

Bucha School opening (1st stage)

2026 September

we're here



Bucha School - a second home for Ukrainian kids. A fun and happy place. We will build the future together.