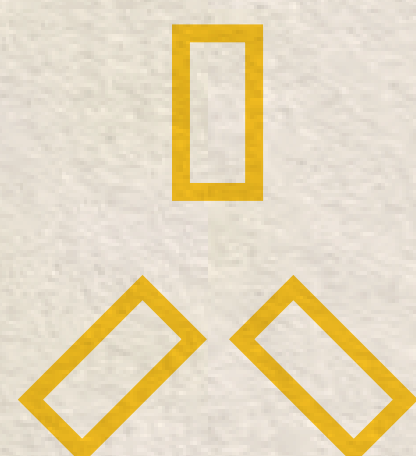


“RESISTAND” INITIATIVE

Points of climatic relief and warm coexistence
for the Ukrainian civil population that intends
to resist the Russian siege during the winter.



The European Movement of Nonviolent Action and civil society partners from Ukraine with this initiative would like to offer creative and urgent solutions for the resistance of the civilian population to repeated attacks on all the city's power plants, which make it problematic or it is impossible for normal climatic systems to function in homes and community places.



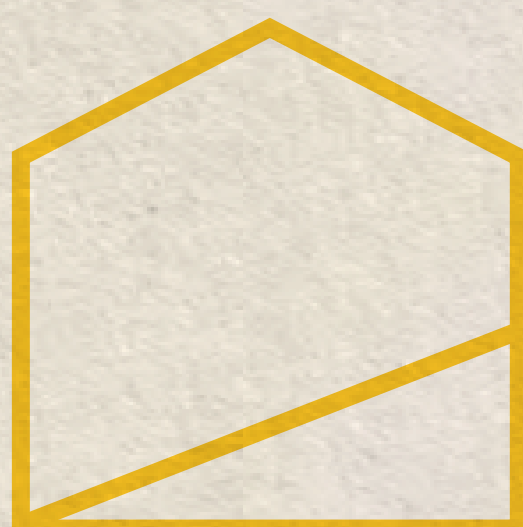
THE "RESISTAND" INTERVENTION UNFOLDS IN THREE DIVERSIFIED ACTIONS:



The construction of community houses heated in an alternative way to the normal supply of natural gas and electricity to allow groups of people to be able to share a night and day space that is not attacked by the cold and allows them to be sheltered in social spaces adaptations equipped for spend the period of time necessary to repair the faults in the electricity network caused by the continuous attacks;

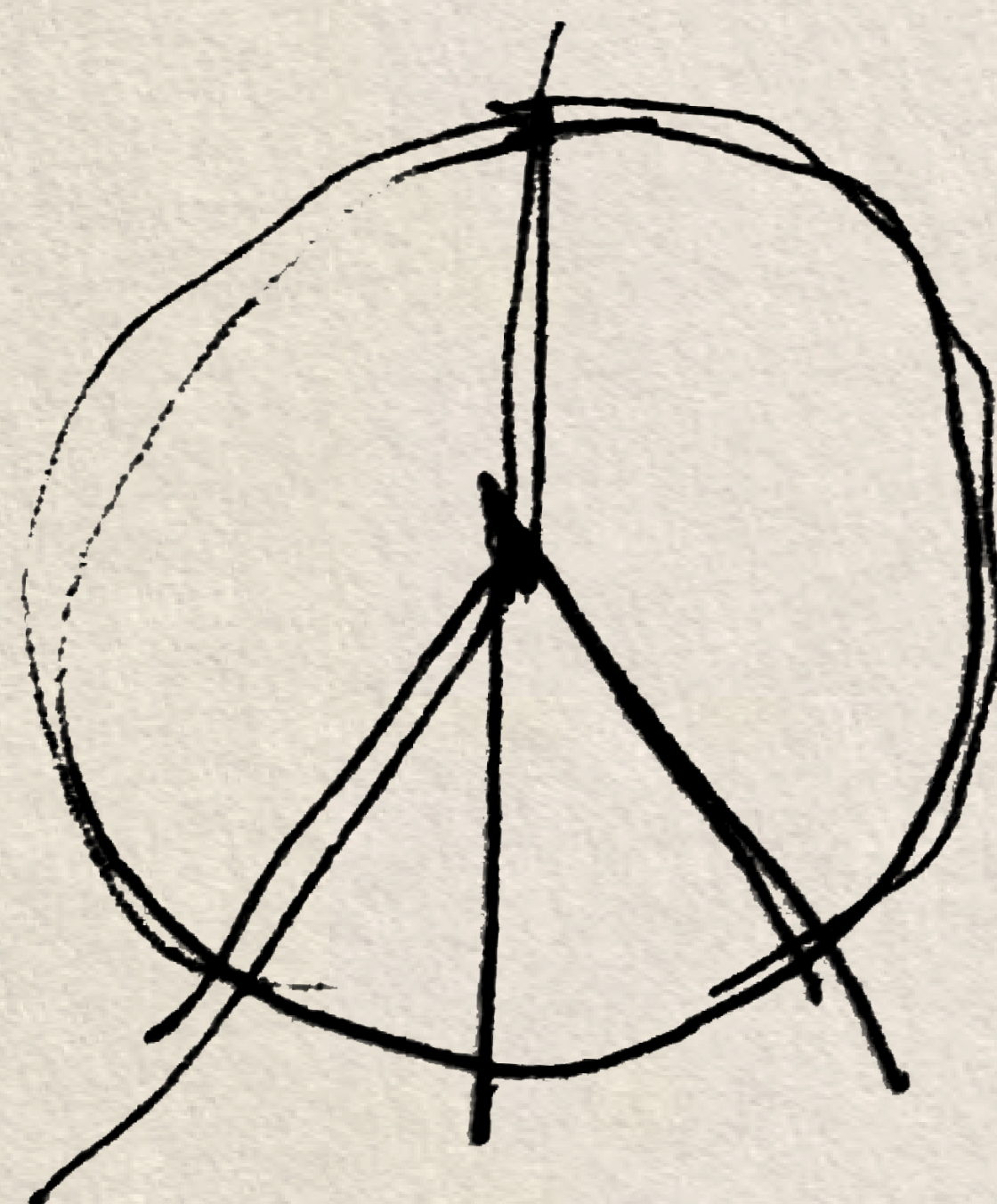


The multifunctional use of climatic refreshment points as heated meeting places for the population, where they can give and receive news, charge phones, organize collective lunches, set up covered play areas for children and spaces for dialogue for adults;

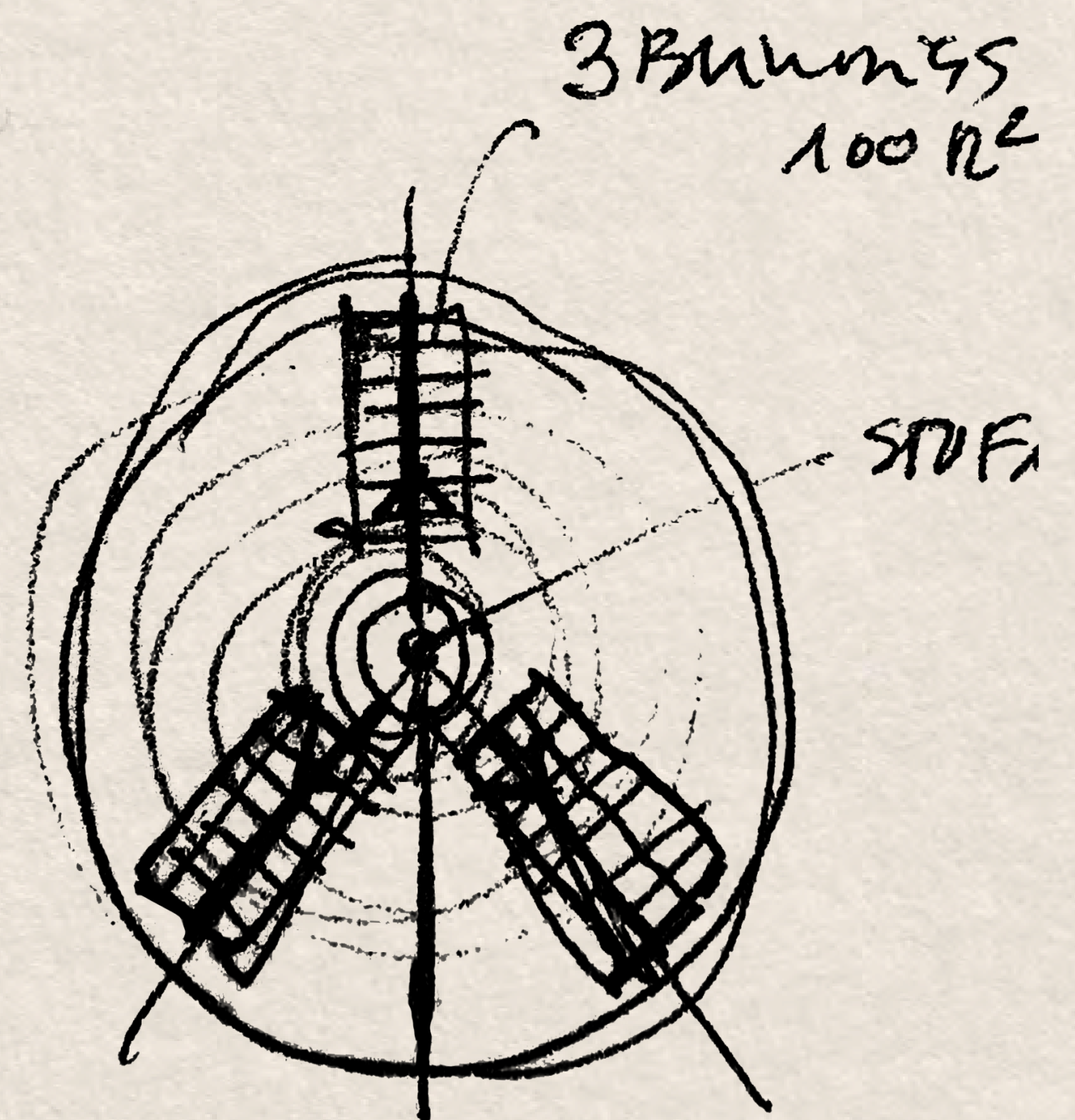
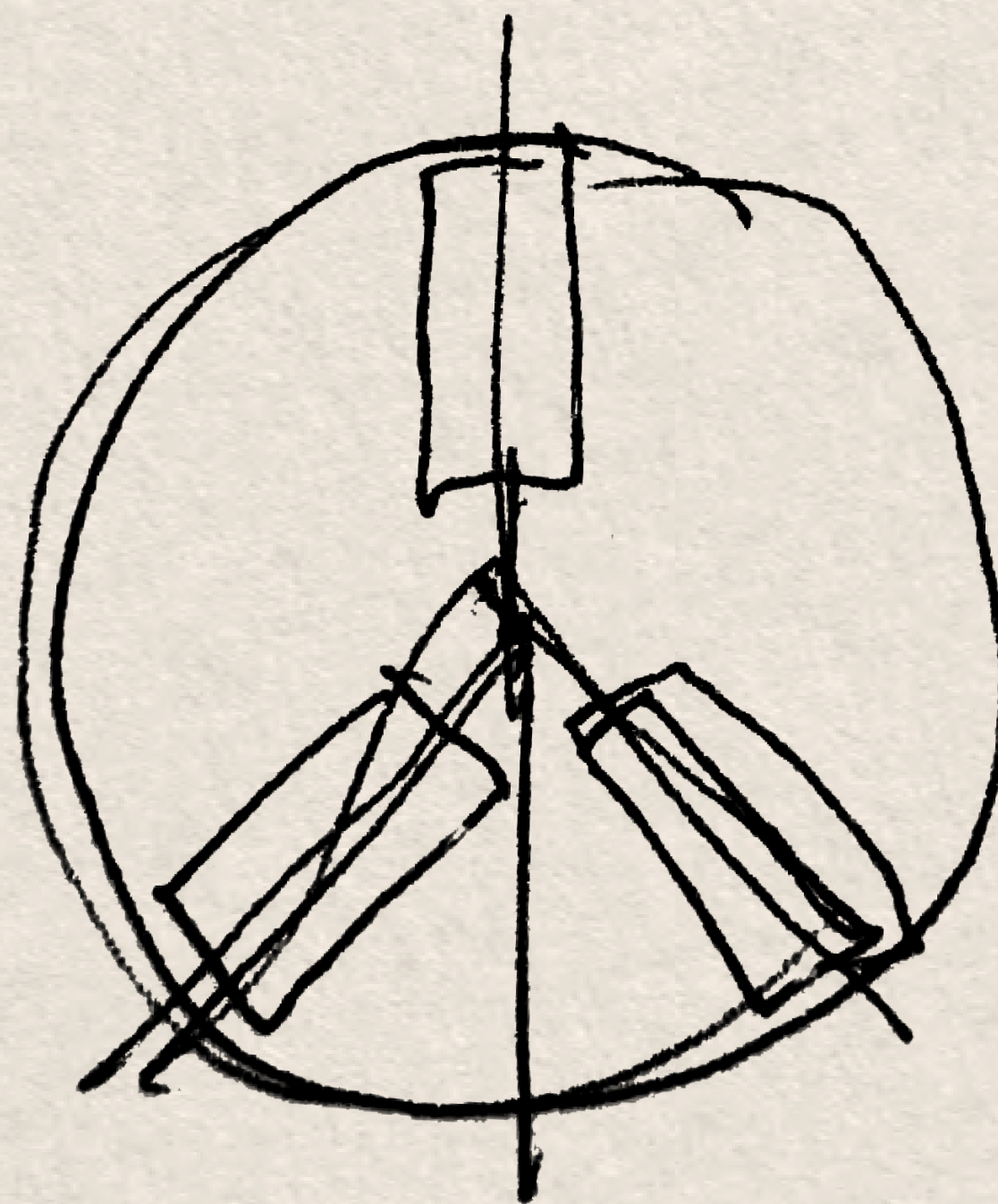


The delivery of this prototype "peace village" against the cold, will be an opportunity for the establishment of a joint Ukrainian-Italian team for the cooperative construction and installation of similar facilities required in numerous other parts of the country. This initiative is accompanied by an urgent appeal to the EU , of a special chain of solidarity and advocacy for the immediate dispatch of containers commonly used for emergencies such as earthquakes, avalanches and floods.

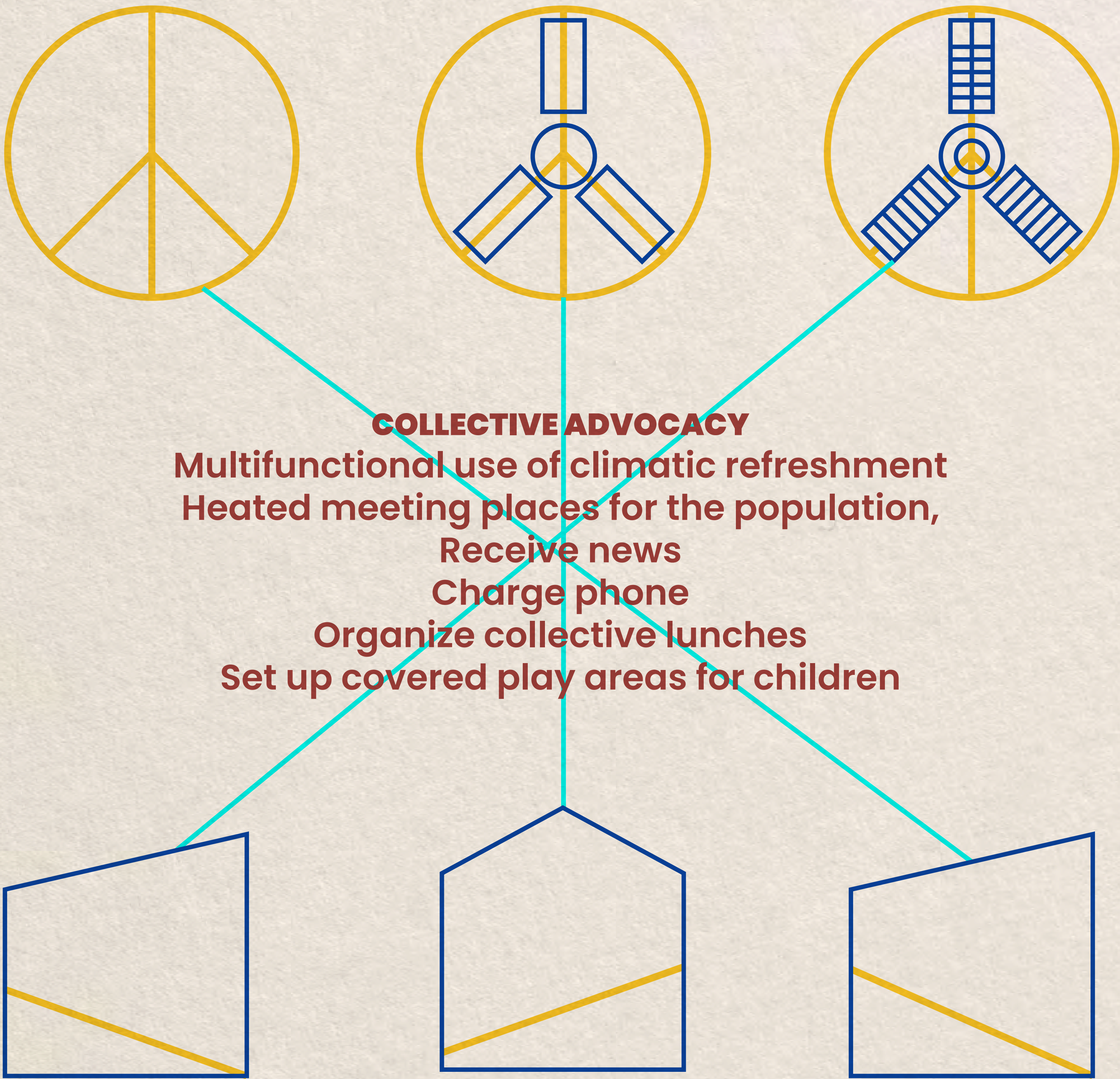
THE "RESISTAND" INITIATIVE DESIGNED BY ARCHITECT MARIO CUCINELLA AND IT CALLED "PEACE VILLAGE"



PEACE

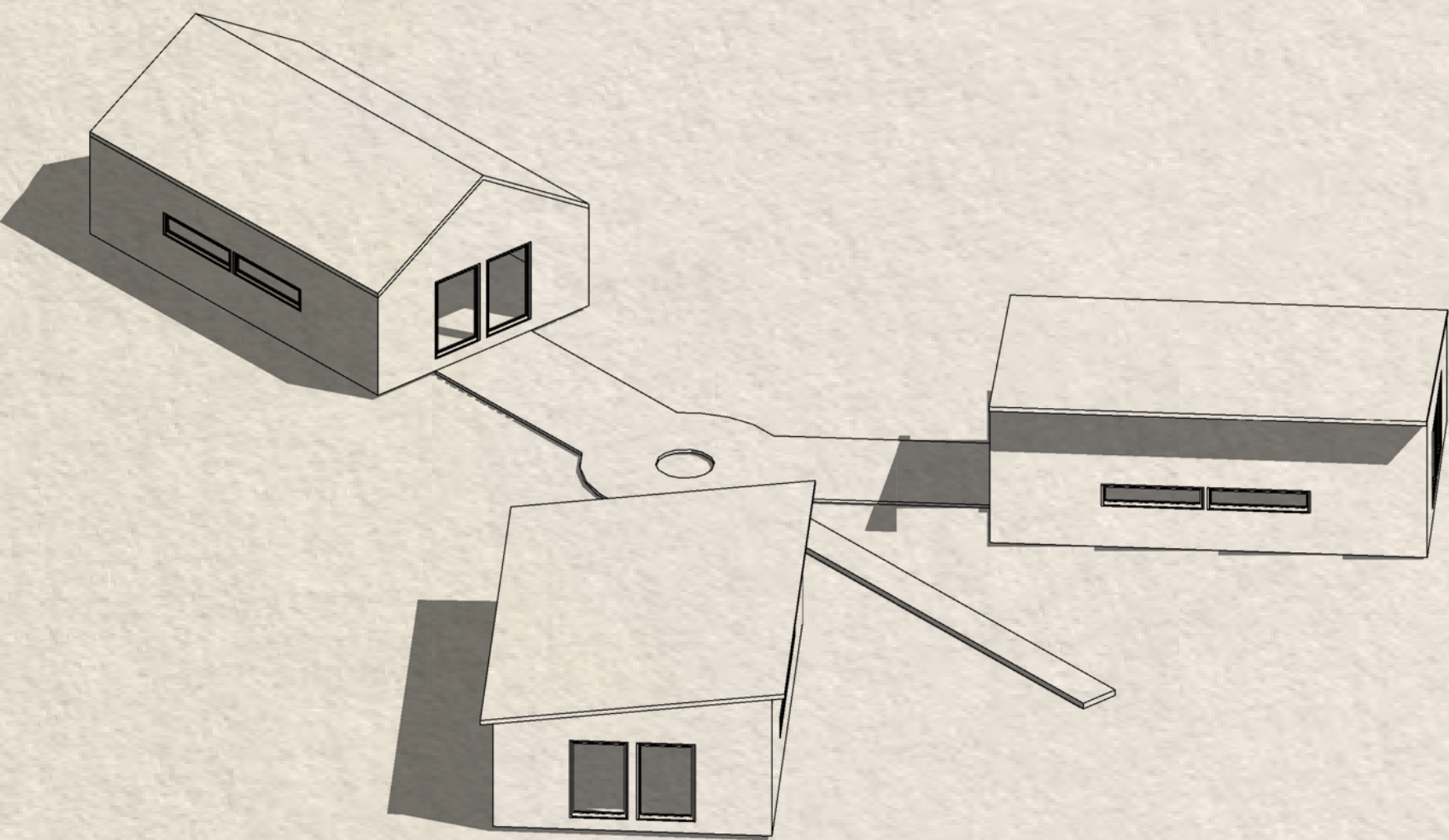


PEACE VILLAGE
300 m²

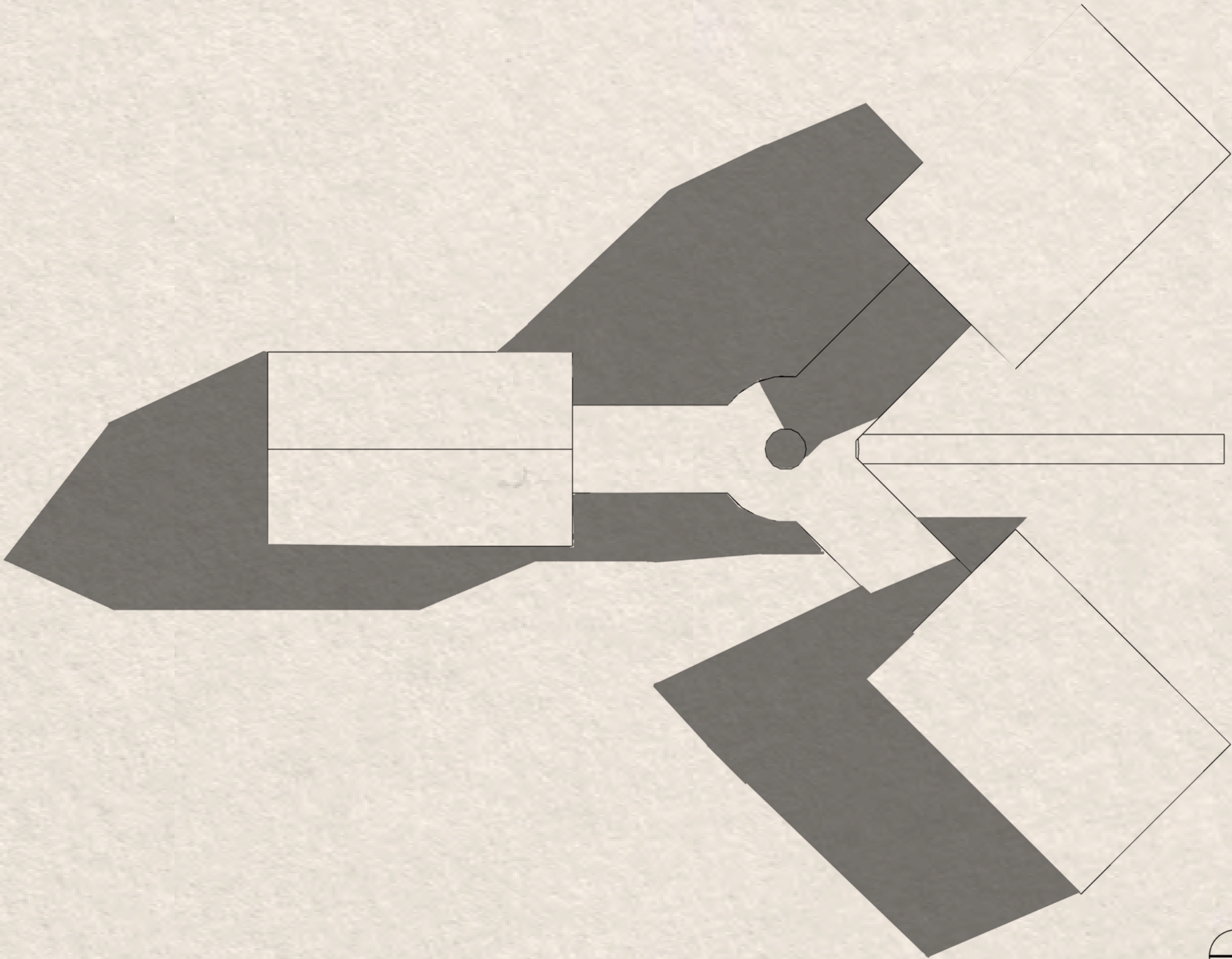




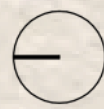
Each house has 100 m2 and all installation
can offer 300 m2 of socializable and heated
autonomous space.



3D schematic Scala 1:300



Masterplan Scala 1:300



Prospetto Scala 1:300



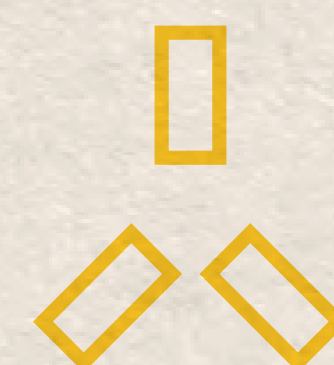
The Construction System.

For the making of the Peace Village in Ukraine we utilized the performing steel system called Mechano Steel Frame produced by Scaff System company.

This structural steel solution is an advanced and innovative system for the modern industry of construction, technicians and engineers will realize their project with a flexible solution made of a series of steel profiles connected with bolted joints and reusable in different configurations in their life cycle.

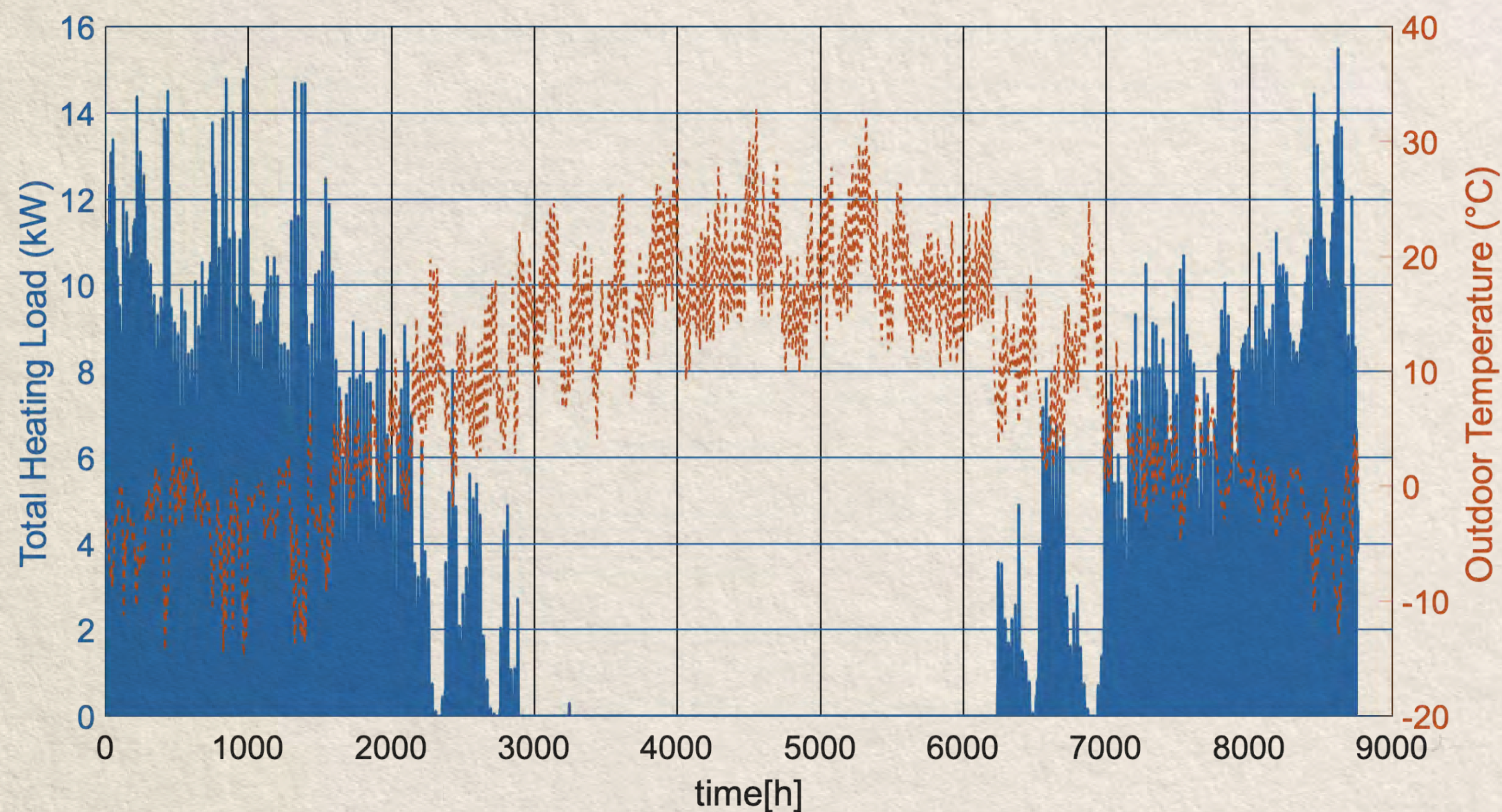


The advantages of this system are:



Lightness
Seismic resistance
Fast assembly operation
Recyclable material
Reusable components



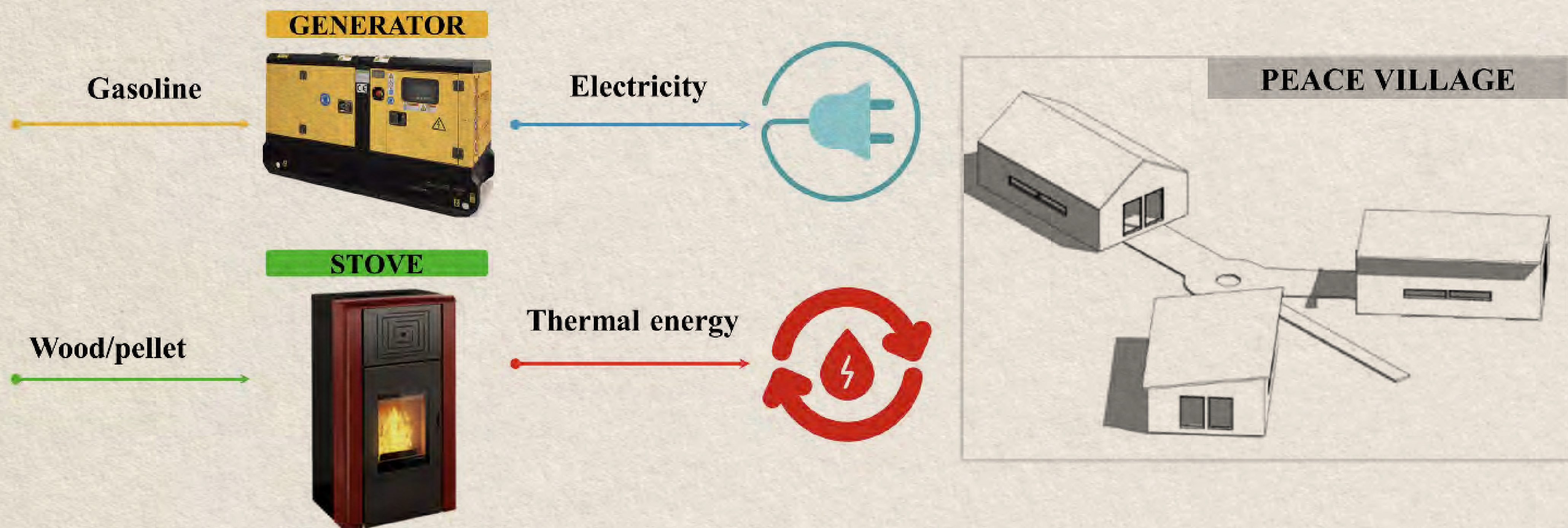


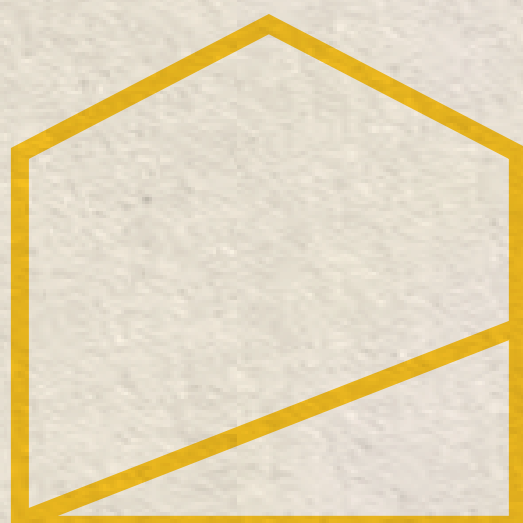
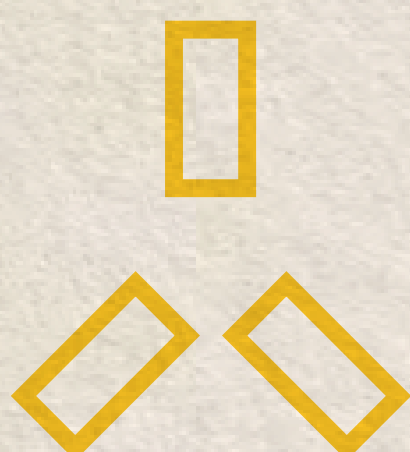
Yearly evolution of total heating load and outdoor temperature

Energy Systems

To assess the thermal load for space heating, the buildings have been modeled and simulated using typical meteorological weather data file of Kiev.

The energy conversion systems used to meet the thermal and electricity demands of Peace Village are depicted in the following figure.





**БРОВАРСЬКА МІСЬКА РАДА БРОВАРСЬКОГО РАЙОНУ КИЇВСЬКОЇ ОБЛАСТІ
ВИКОНАВЧИЙ КОМІТЕТ**

07400, Київська область, м. Бровари, вул. Героїв України, 15 тел. (04594) 6-19-18, факс 6-02-82
e-mail: info@brovary-rada.gov.ua, код ЄДРПОУ 04054932

big 20.12.2022 №16-06/03/16504

Mister Angelo MORETTI,
MEAN Press-Secretary

On providing assistance to the peaceful
Ukrainian people

Mr Angelo MORETTI,

The Executive Committee of the Brovary City Council of the Brovary district of the Kyiv region in Ukraine informs you that the CHARITABLE ORGANIZATION SERHIY MALYK INTERNATIONAL CHARITY FUND FREE SPIRIT OF UKRAINE has the opportunity to establish a "Peace Village" in the city of Brovary: the construction consists of three iron and wooden structures with an area of 100 square meters each for the protection of civilians of our city attacked by russian troops.

We know that the structures designed by the architect Mario CUCCINELLA for the European Nonviolent Action Movement (MEAN) will be provided free of charge by the Italian companies, fully equipped.

We ask you to establish a "Peace Village" on our territory and we undertake to ensure:

- availability of an urban area of 500 m²;
- issuance of the necessary permits for the installation of the structures;
- availability of a team of workers supported by our experienced staff to install the structures on site.

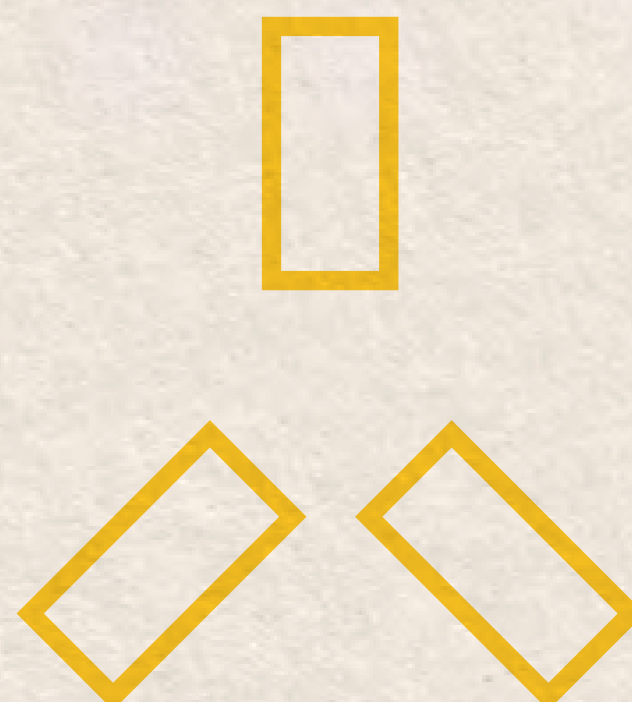
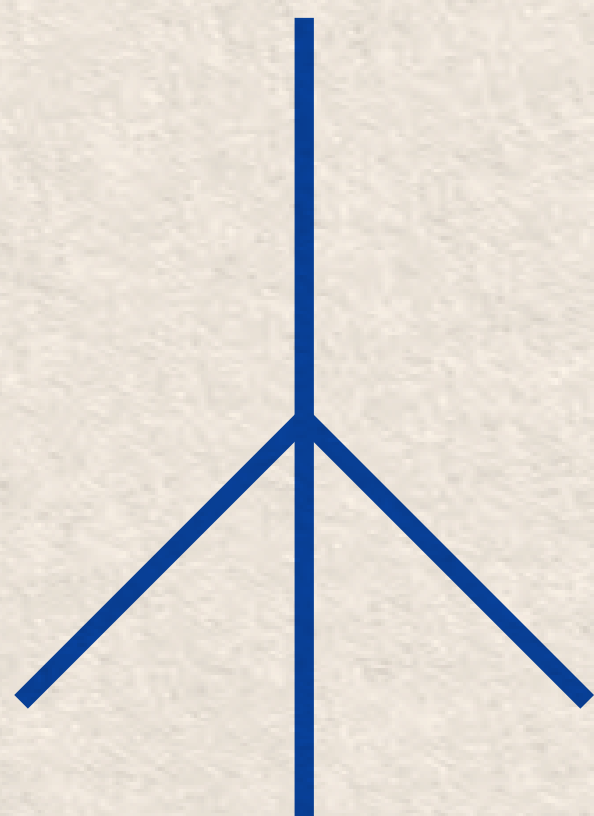
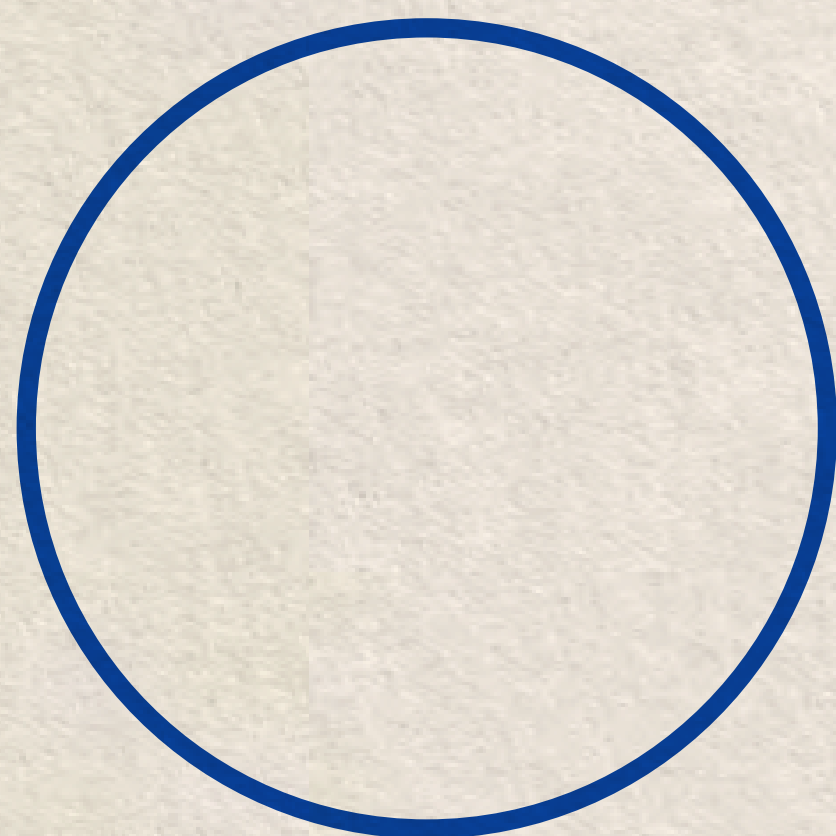
The installation period of the structures will last from the end of December 2022 to the middle of January 2023.

We are waiting for news from you.

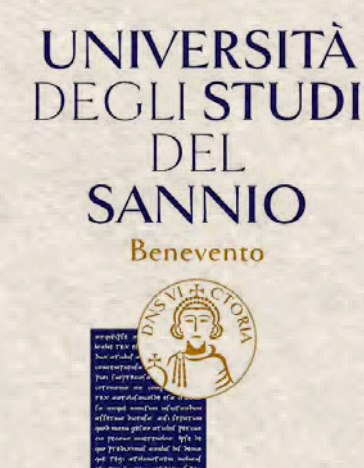
Sincerely,
Mayor of Brovary

Igor SAPOZHKO

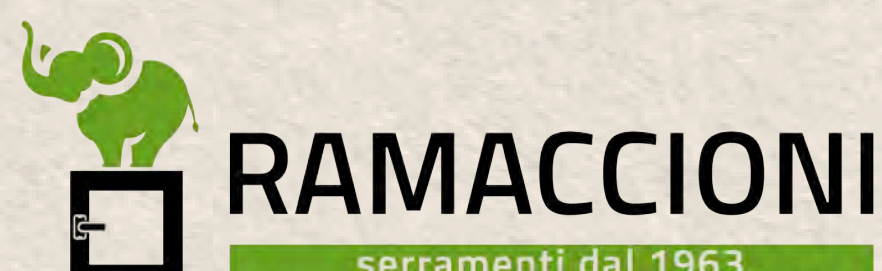
Olena KOROVINA, +380973997261, economrada@i.ua



Thanks to



PASQUALICCHIO



fondazione **piero**bongianino