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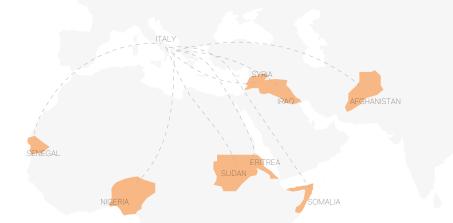
Telephone number of the supervisor: +39 055 2755315 8<sup>th</sup> i-Rec student competition

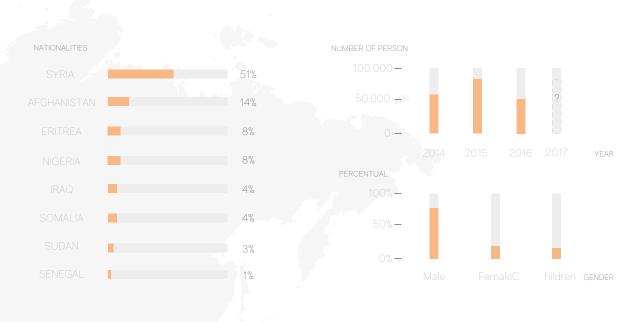
Country: Italy

Date: 07.05.2017

# REFUGEES







NATIONAL PROGRAMS

#### SPRAR (protection service for asylum seekers and refugees)

Regulated by the legislative decree n.142/15, the purpose is to guarantee protection, primary services and help to integration to asylum seekers arrived in Italy. The regulation expect each region in Italy to ensure a defined number of places for refugees. The distribution of those considers the dimension of each city:

- Cities with more than 2000 inhabitants will ensure 6 places

- Cities considered as a metropolitan area ensure 2 places every 1000 inhabitants.

Second reception

- Cities with more than 2000 inhabitants follows the calculation of 6 places adding the difference.

NDS

#### European funds, national funds and FAMI

The program for integration and first help for refugees is funded by national funds and european funds. Furthermore, if there is the need, the FAMI (migration and integration fund) is available to be used.

Who is joining the SPRAR program idea, has the benefit of the 95% of refund and has only to pay or invest the remaining 5%. This is regolated by the law 189/2002 and further ministerial decrees.

The aim of the SPRAR program is to invite public entities to participate, to help with integration process and to make available the use of facilities in the considered city.

1 - 2 weeks

wait for the permit to stay

integration process is activated learn the language find a job decide to stay or not



SOME DATA

Total surface of damages

Total inhabitants hitten

Altimetric difference

Average age of constructions

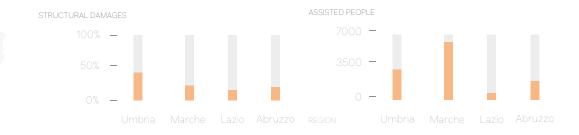
Sismic area 1

EARTHQUAKE 2016



norcia

30 October Magnitudo 6.5 CENTER OF ITALY 4 REGIONS 17 MUNICIPALITIES

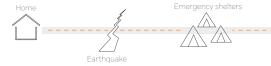


#### EMERGENCY ANSWER

People who lost their place to live have the choice to move to a temporary shelter or to hotels in free rooms. If the living place has not big damages, only partial ones, the inhabitant can ask for a fund (C.a.s.) which guarantees the cover of the costs of fixing.

In a time of 2 monthes usually the container areas are ready. These have to host people still waiting for their home to be checked out and who are not able to stay anymore in shelters. This container are residential ones, but they offer also services as mensa and medical support.

Only on request people will receive the S.a.e, a residential building with all the necessary furniture and items a person can use. Normally the offer for the typology and method of construction of theese building is made by specialized firms which develop emergency constructive systems. The firm which wins the public procurement has the right to propose and build S.a.e in the chosen area. The construction of the provvisory houses need for each 7 days 23 coworkers. Only when a number of S.a.e is built, they can be delivered to the inabitants.



approximately 3 monthes wait for the construction of SAE (emergency houses for displaced people)

Waiting time until the reconstruction of houses is done and displaced people can go back to their own places

approximately 1 to 2 years

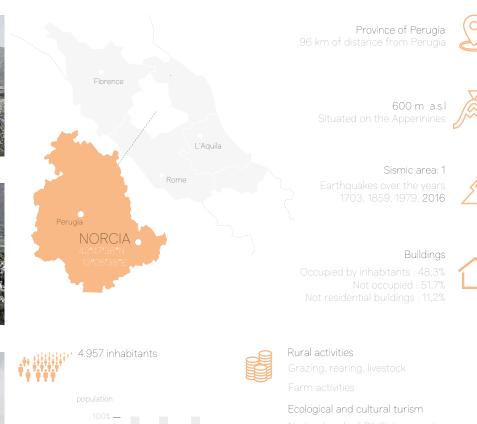
# LOCALISATION











other 100%

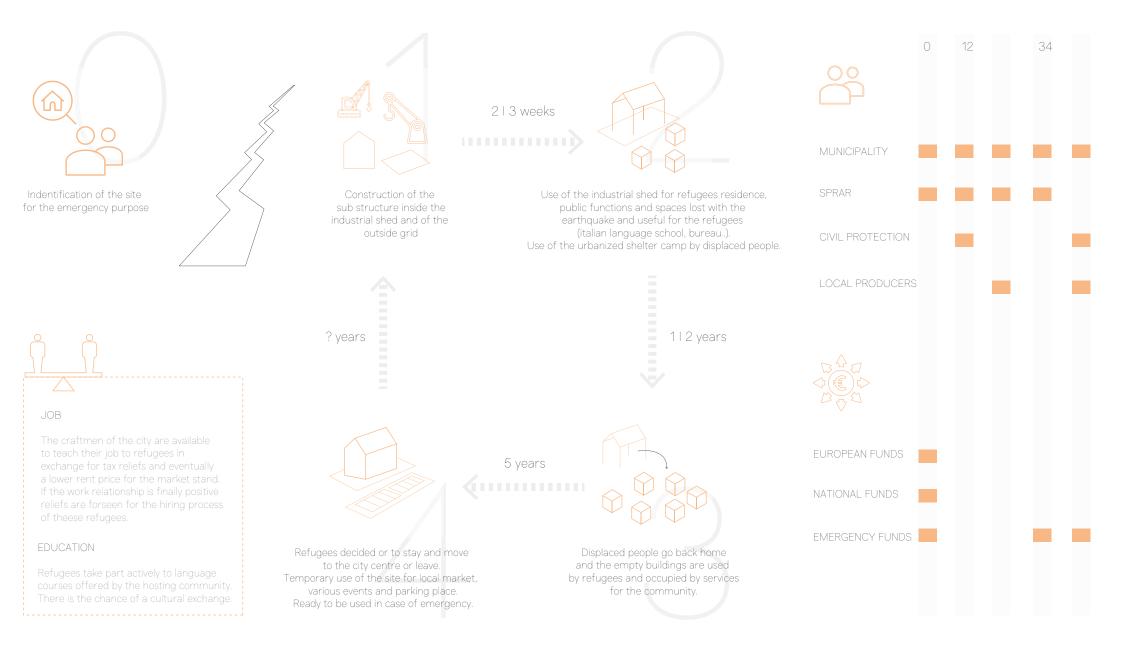
Ecological and cultural turism National park of Sibillini mountair Land of Castelluccio di Norcia Surrounding villages Historical dome of Norcia

Processing of culinary products Pork meat

Processing of wood Local beech wood

Processing of metals Wrought-iron items

# 0 0 Nearness to production sites Dismissed site of rural area $\Box\Box$



# CONCEPT

# DISPLACED PEOPLE

Solidarity Mutual help Sense of community

Cluster organization

Interaction spaces



# What do they need?

Customization of space

ossible answer

Isolated buildings Liberty to move



erty to move

Privacy

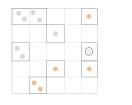
Own space



Displaced people
Refugees
Services

TURNOVER PROCESS

Public space



• • ©

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Parking area



S

Weekly market

INDUSTRIAL SHED

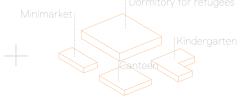


The building needs to be empty and only the structure and roof are needed

A grid with modular dimension (5X5m)

is fixed on the ground with the aim

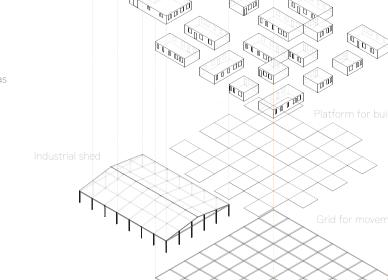
to be plugged to he houses.



Boxes of a light material are assembled and plugged inside the farm structure.



The space in between the boxes can be used as weekly market or craft markets, or as simply public space

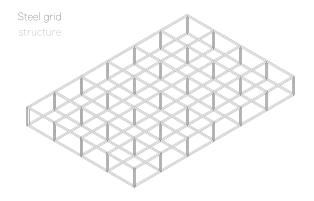


Upon the grid there are platforms which consent to move without danger and contains the houses.



The houses are plugged to the platform. Their disposition is free, it is a modifiable conformation.

# INDUSTRIAL SHED



OSB panels plugging



# FUNCTIONS







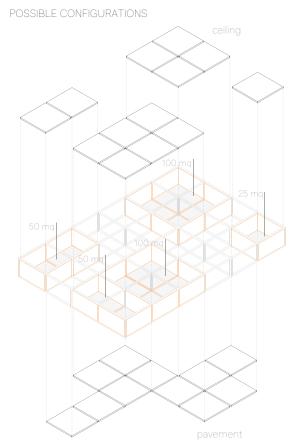


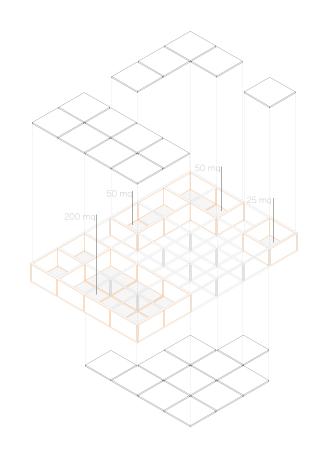
# SUB STRUCTURE

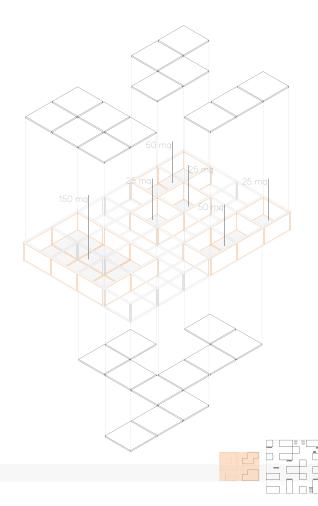
The buildings are plugged into a sub structure of the industrial shed. Strenght of this solution is that there is no need to build a new structure, to start the necessary escavations and to take time to do it.

# ADAPTABILITY

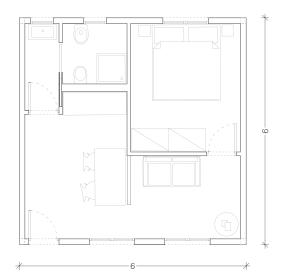
The chance to modify the inner accomodation is allowed thanks to the wall panel, supposely in a wooden material, which are plugged to the main structure. For every lapse of the process rooms can become bigger or smaller, some functions can be added and other removed.







# GRID PLATFORM



GROUND FLOOR

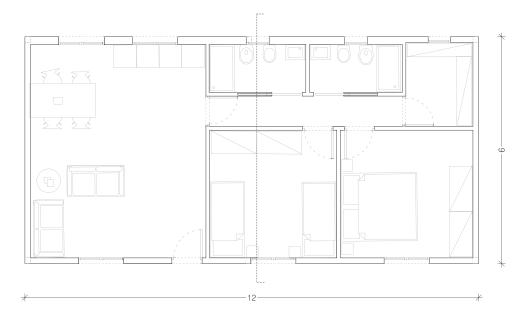
# 35 mq

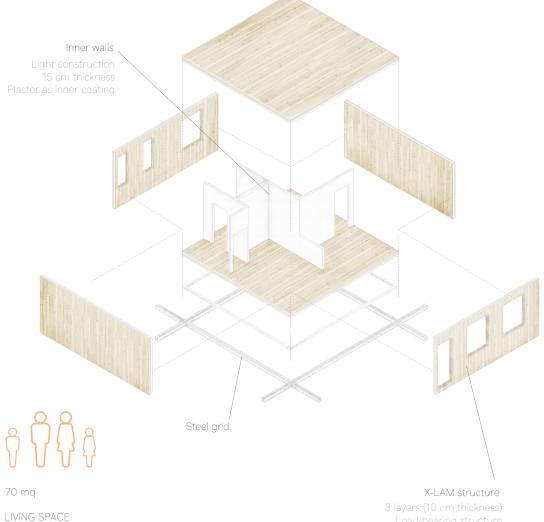
# LIVING SP.

Living room and kitche 1 toilette 1 double bedroom

### OPENINGS

Openings are only on two sides because of the chance to join he modules and create a bigger one.





Living room and kitchen 2 toilettes 2 double bedrooms 3 layers (10 cm thickness) Load-bearing structure Antiseismic qualities Good thermic insulation features Local production of beech wood



GROUND FLOOR