LIVING THE EVENT

Temporary housing models for large events

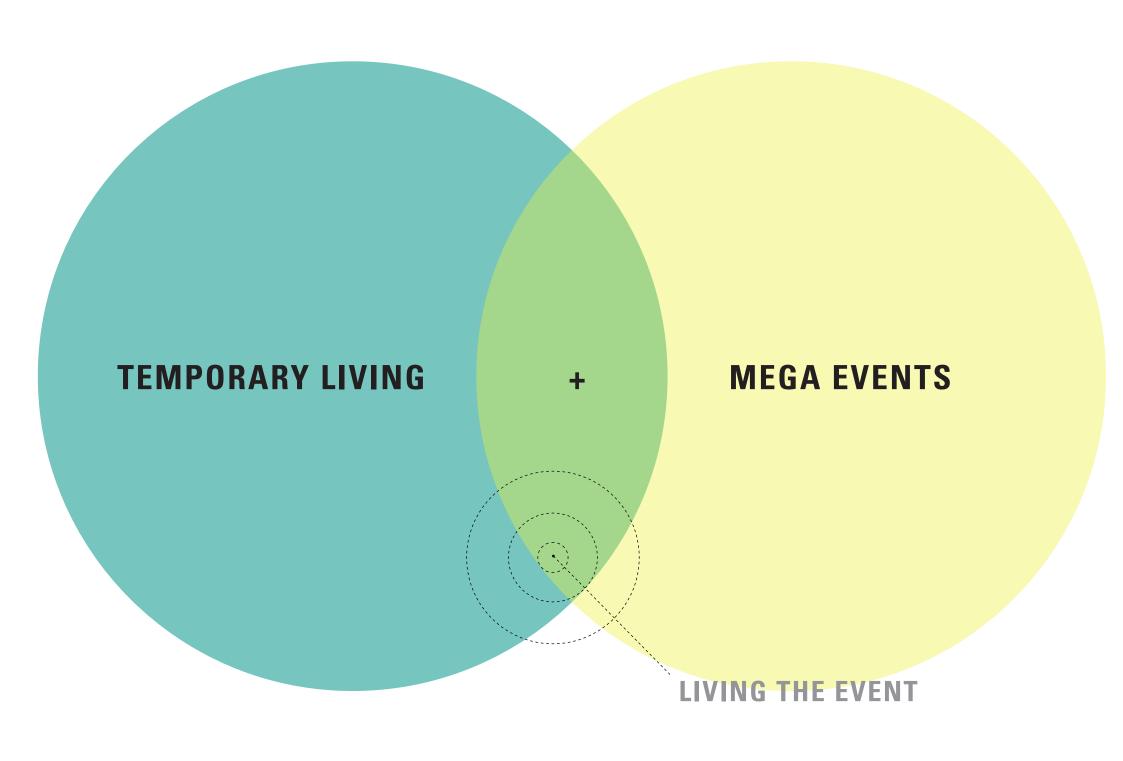
Laura Galluzzo



Politecnico di Milano / Design Department / PhD in Design / XXVII cycle / 2011-2014

Supervisor Luisa Collina / External Examiner Graeme Brooker /

 ${\sf Advisor\,Luciano\,Crespi\,/\,\,The\,\,Chair\,\,of\,\,the\,\,Doctorate\,\,Program\,\,Francesco\,\,Trabucco}$



RESEARCH QUESTIONS



WHICH IS THE MEANING OF THE TERM **TEMPORARY LIVING**? WHICH ARE THE TYPOLOGIES OF TEMPORARY HOUSES?



HOW CAN WE DESIGN (DOMESTIC) INTERIORS THINKING ABOUT THE **SPACE'S ADAPTATIONS** IN THE FUTURE AND AT THE SAME TIME, WORKING ON A TEMPORARY AND A PERMANENT LEVEL?

#3

HOW CAN WE DESIGN (TEMPORARY) DOMESTIC INTERIORS **WHERE THE INHABITANTS CAN EXPRESS THEMSELVES**, THEIR IDENTITY, THEIR CULTURE?

#4

HOW CAN WE ANSWER TO THE INCREASINGLY IMPORTANT QUESTION OF HOSPITALITY LINKED FOR THE GROWING **NUMBER OF PEOPLE TRAVELING IN OCCASION OF EVENTS** (AS VISITORS AND AS STAFF) WHILE MAINTAINING A STRONG LINK WITH THE HOST CITY?

#5

HOW CAN WE APPLY THESE CONCEPTS TO **MILAND IN OCCASION OF EXPO 2015**?

#1 GENERAL OBJECTIVE

HOW CAN DESIGN GIVE

- FFFFCTIVE
- INNOVATIVE
- . FLEXIBLE
- . SPREAD
- . IDENTITY

ANSWERS IN TERMS OF TEMPORARY HOUSES

#1 METHODOLOGY

- DESK RESEARCH
- LITERATURE REVIEW
- CASE STUDIES ANALYSIS
- CO-DESIGN WORKSHOP

#1 BUTPUT

- CLASSIFICATION OF TEMPORARY HOUSES
- TEMPORARY HOUSES MAPS
- FEELING AT HOME IN A TEMPORARY PLACE
- CONCEPT OF LEGACIES OF INTERIORS

#2 SPECIFIC OBJECTIVE

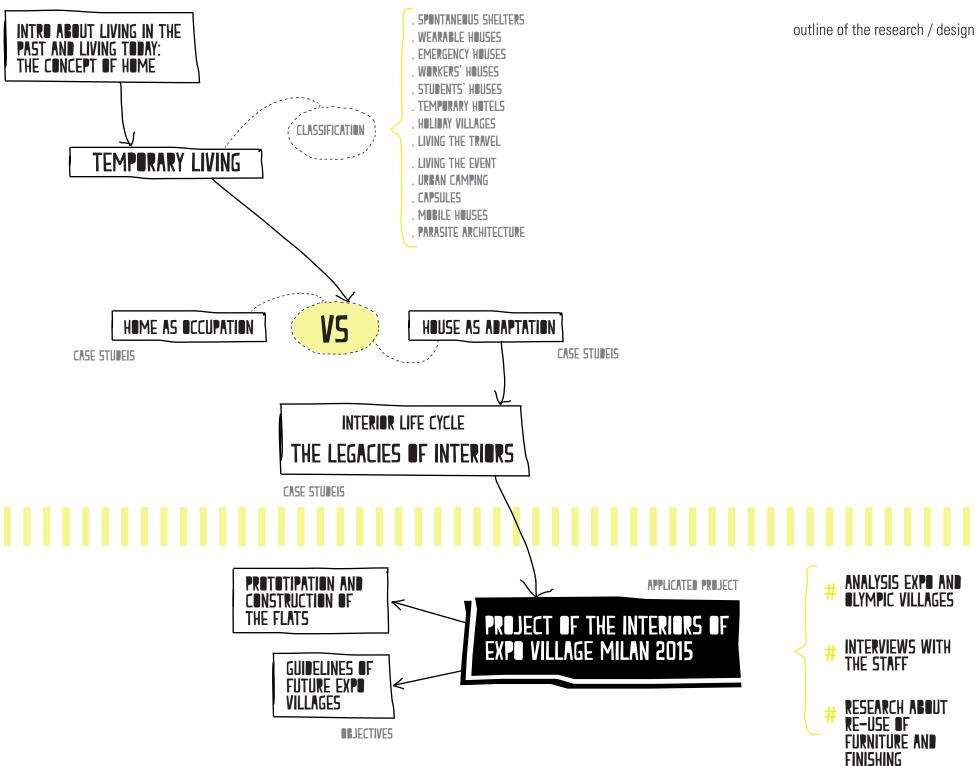
SYSTEM OF KNOWLEDGE REFER TO THE INTERIOR LIVING SPACES FOR THE STAFF OF BIG EVENTS AND IN PARTICOLAR LINKED WITH EXPO 2015 IN MILAN

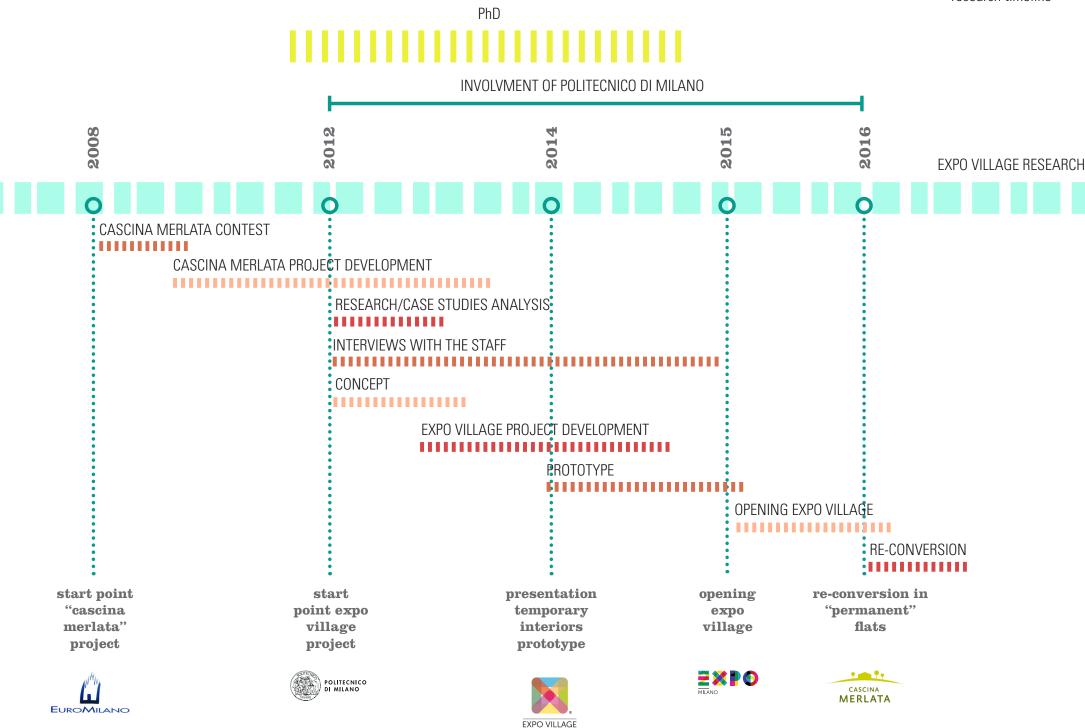
#2 METHODOLOGY

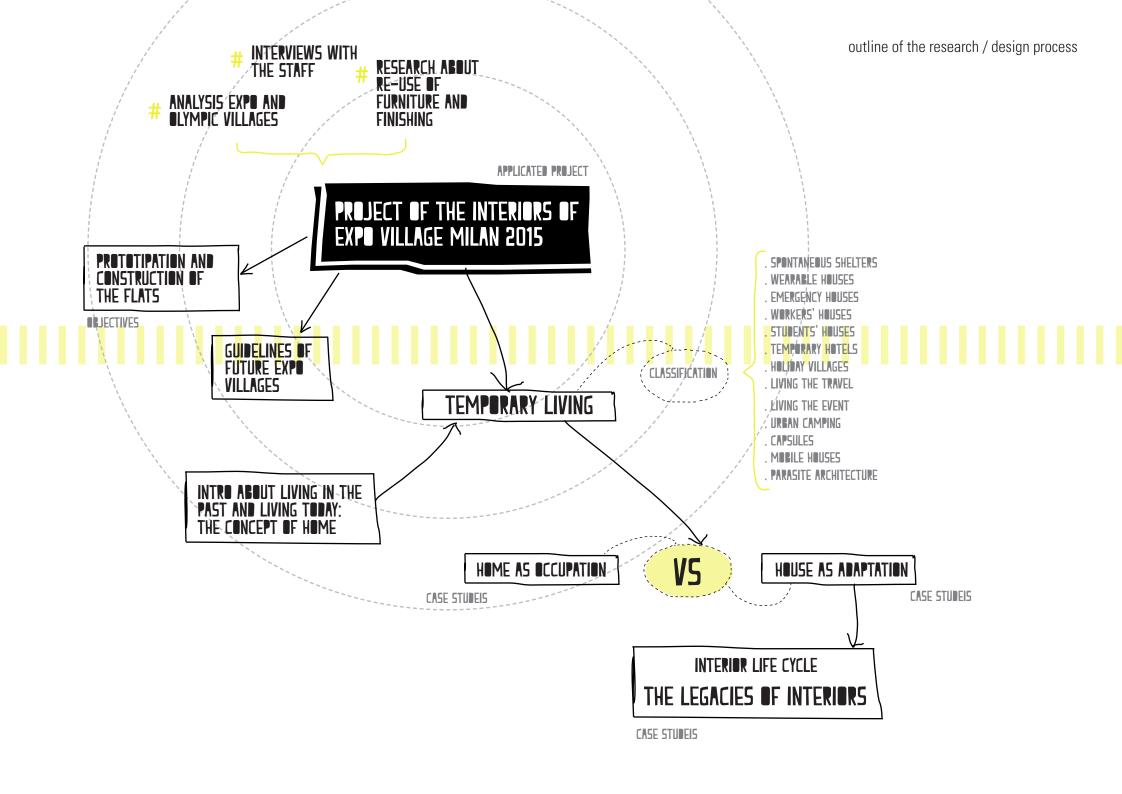
- FIELD RESEARCH
- INTERVIEWS
- SOCIAL NETWORK ANALYSIS
- PHOTOGRAPHIC ANALYSIS
- REPORT E VISITS

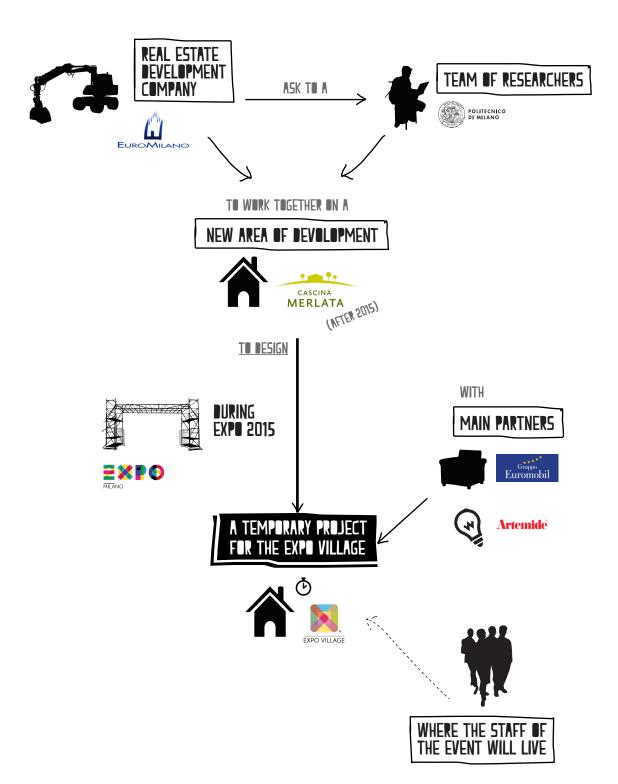
#2 OUTPUT/PROJECT

- PROTOTYPING OF THE FIRST FLAT
- REALIZATION OF THE FLATS
- GUIDELINES FOR FUTURE EXPO VILLAGES



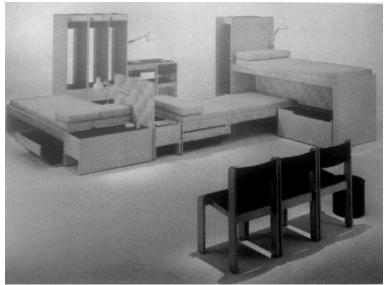




















Paris 1924 / Amsterdam 1928 / Montreal 1976 / Tokyo 1964 / Helsinki 1952 / Seoul 1988 / Atlanta 1996

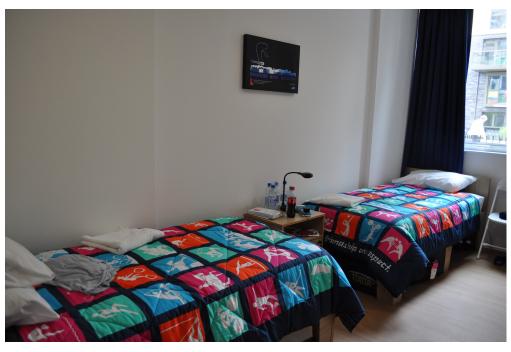


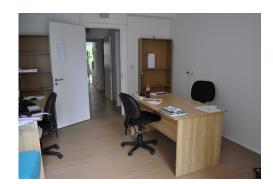


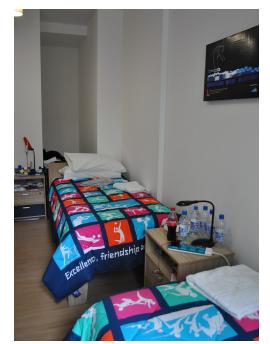












*OLYMPIC GAMES

Turin 2006

Beijing 2008

Vancouver 2010

>>> London 2012

Sochi 2014

*EXPO

Montreal 1967

Lisbon 1998

Hanover 2000

Zaragoza 2008

Shanghai 2010

Yeosu 2012















*OLYMPIC GAMES

Turin 2006

Beijing 2008

Vancouver 2010

London 2012

>>> Sochi 2014

*EXPO

Montreal 1967

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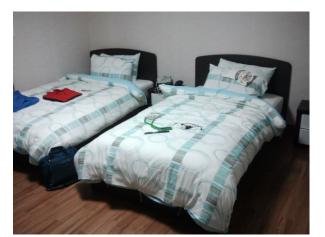
Lisbon 1998

Hanover 2000

Zaragoza 2008

>>> Shanghai 2010

Yeosu 2012













*OLYMPIC GAMES

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Montreal 1967

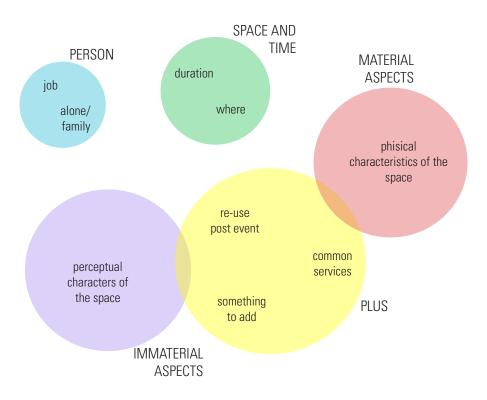
Lisbon 1998

Hanover 2000

Zaragoza 2008

Shanghai 2010

>>> Yeosu 2012



INDICATORS (ENVIRONMENTAL PSYCHOLOGY)

1. BUILDING ESTHETICS

2. SIZE

3. FUNCTIONALITY

4. TRANSPORTATION/CONNECTIVITY

7.1 FACILITY OF ESTABLISHING RELATIONS OF LIVING

7.2 FACILITY OF ESTABLISHING RELATIONS OF FRIENDSHIP

7.3 OCCASIONS OF SOCIALITY

6. PERSONAL SPACE/ TERRITORIALITY

SERVICES
8.1 CLEANING SERVICES
8.2 COMMUNICATION SERVICES
8.3 CULTURAL SERVICES
8.4 USE OF LOCAL SERVICES

6.1 QUALITY OF PRIVATE SPACES

8.SERVICES - - - - - - - - - - - - 8.5 WELLNESS SERVICES

11.1 CONSIDERATION OF THE PLACE AS HOME
11.2 IDENTIFICATION WITH THE OTHER INHABITANTS
COMMUNITY

10. ENVIRONMENTAL FRIENDLINESS

9. PSYCHOLOGICAL CLIMATE

11. IDENTIFICATION

12. CULTURAL DEMANDS

7. SOCIALITY

12.1 SPACES FOR THE EXPRESSION OF THEIR OWN CULTURE (FOOD, FAMILY, RELIGIOUS...)

12.2 PERCEIVED RESPECT FOR THEIR OWN CULTURE
 12.3 PERCEIVED RELATION WITH OTHER CULTURES IN THE SPACE
 12.4 CULTURE-BASED CONFLICTS

MULTIRELIGIOUS AND MULTICULTURAL TARGET



























5 ♂ 11





















32,7 mean age (staff only)



23 mega-events



11 women / 12 men

23 interviews







2 months (average duration)

· mega-events locations







• Follow

The reception of our hotel in #Sochi has no floor. But it does have this welcoming picture. pic.twitter.com/8isdoBuytl

◆ Reply 13 Retweet ★ Favorite ··· More



8:12 AM - 4 Feb 2014









🜣 v 😃 Follow

To anyone in Sochi: I am now in possession of three light bulbs. Will trade for a door handle. This offer is real: pic.twitter.com/7AeesqDi8Y



In my Sochi hotel. You're welcome to pop by and sit forlornly in my Chairs of Desolation. pic.twitter.com/msoqXAlcj4

←Reply t3 Retweet ★Favorite ··· More



You can have internet, but it must be impossible to use. #SochiProblems #Sochi2014 pic.twitter.com/MrDRLX5EUs





This is the one hotel room @Sochi2014 have given us so far.



Seeing double in the Gentlemen's Loo at the Olympic Biathlon Centre #Sochi 7:44 AM - 20 Jan 2014 1,935 RETWEETS 428 FAVORITES ◆ t3 ★

Sebastien Toutant

Well that's interesting... Sochi rules

Ç ∨ • Follow

in the bathrooms!! #haha #olympics pic.twitter.com/xacSVimwXY





















Diver Daley's room with a view







AND HERE'S WHAT THEY **FOUND IN THEIR ROOMS**

Liam Tancock tweeted a picture of the welcome pack in his room in the Olympic Village. Here is what the British athletes arrive to.

- 1 Dressing gown
- 2 Towel
- 3 Laundry bag
- 4 Guide to the Village
- 5 Box containing a USB stick in the shape of a red London bus 6 Wristbands
- 7 Pride the Lion, the official Team GB mascot 8 Toiletries: toothpaste, suncream, Gillette shower shaving foam and shower gel
- 9 Mug 10 Guide to London 2012
- 11 Reading light
- 12 Power sockets
- 13 Water bottles 14 More towels



KEYWORDS: MULTICULTURAL+YOUNG+INFORMAL TARGET









GUIDELINES



. INFORMALITY

- . COLOURS
- . MATERIALS
- . TRASFORMABILITY
- . FLEXIBILITY
- . ELEMENTS OF REUSE

. SUSTAINABILITY

- . RE USE
- . RE CICLE
- . DISMOUNTABLE
- . LOW COST

. MADE IN ITALY

- . CO-BRANDING
- . DESIGN
- . YOUNG DESIGNERS

. AESTHETIC QUALITY

abacus of furniture

CONTENITORI











CONTENITORI













Esprimodesign, Ezio case

VARIE













AaA design, vari prodotti

VARIE













Danese, La mela, La pera, La mela e la pera, L'oca











Essential, Ecopoltrona

DIVANO, POLTRONA, AMACA













Danese, Xarxa

LETTO DI EMERGENZA

LETTO DI EMERGENZA



Campeggi, Ercolino









Campeggi, Bulletto



Designasyl, Stay at my home

Campeggi, Ori.Tami







Campeggi, Magellano

MENSOLE















LIBRERIA, MENSOLE, PORTAOGGETTI















SCRIVANIA+SEDUTE











Vij5, Newspaperwood fromAtoZ A4A design, Dynamo table

SCRIVANIA+SEDUTE





E' De Padova, Scrittarello

LETTI







Zanotta, Nyx COMODINI













A4A design, El cico Droog, What you see is not cabinet

ARMADIO















LIBRERIA, MENSOLE

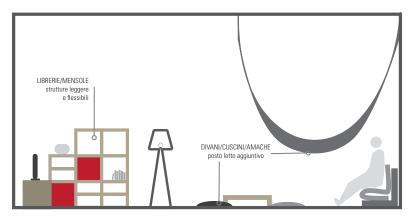
Kubedesign, Bunz





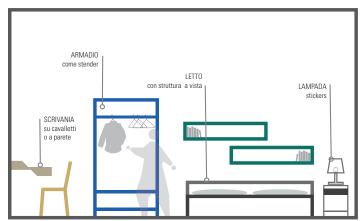


Kubedesign, Damaris A4A design, Bookstack



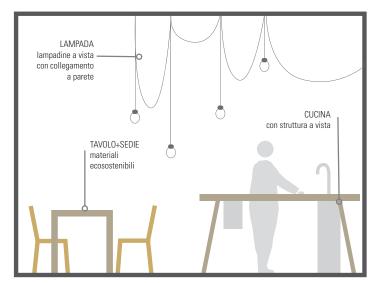
TIPOLOGIA A1 / B

tavolo sedute divano uso letto poltrona tavolino mobile tv televisione



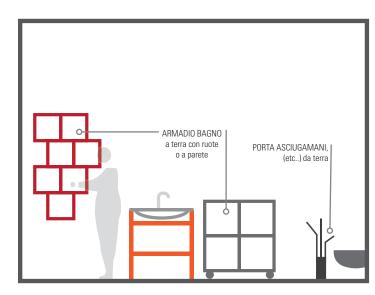
APPARTAMENTO A / A1 / B

armadiatura 2/3 moduli cassettiera scrittoio seduta 1/2 letti singoli (componibili) 1/2 comodini



APPARTAMENTO A / A1 / B

piano cottura da appoggio 4 piastre lavello vasca cappa a vista frigorifero libera installazione microonde libera installazione cassettiera tavolo sedute



APPARTAMENTO A / A1 / B

lavabo wc piatto doccia rubinetteria specchiera contenitore portaoggetti

visualisations







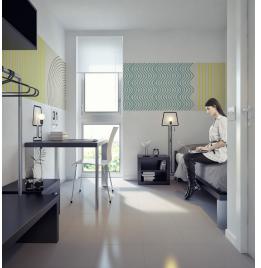








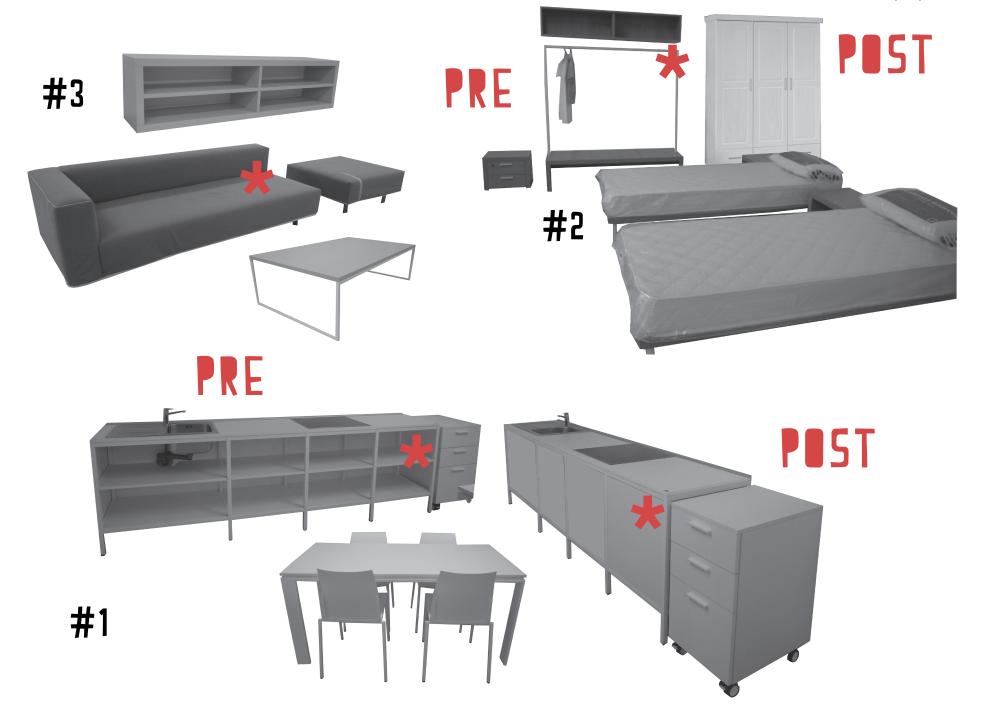




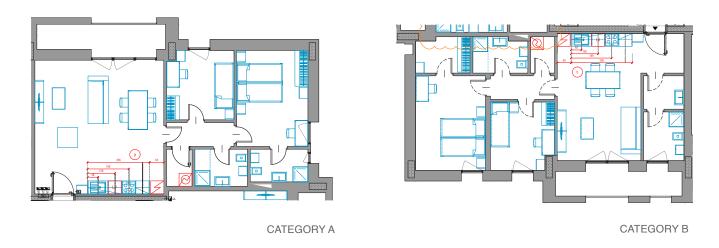




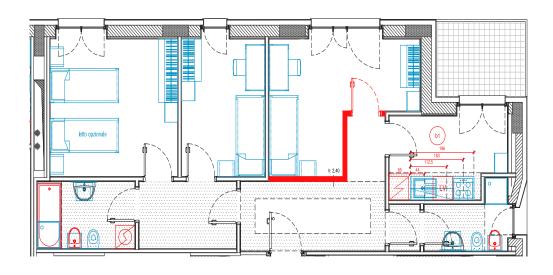




PLANS_CATEGORIES



PLANS_CATEGORY C



apartment prototype

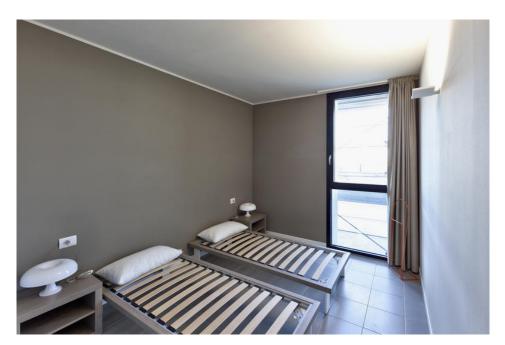








apartment prototype









































Free services

- > WI-FI
- > Round-the-clock reception/concierge
- > No Smoking building
- > Security
- > Cleaning and linen change
- > Safety deposit boxes
- > Maintenance and rapid intervention
- > Automatic Teller Machine
- > Health Centre, 18 out of 24 hours
- > Meeting room
- > Technogym
- > Living room
- > FUN&PLAY area (table tennis, table football, etc.)
- > Places of worship

Services on payment

- > Food & beverage point
- > Café
- > 24h self-service market
- > Laundry, ironing and tailoring on demand
- > Coin laundry
- > Car and bicycle hire





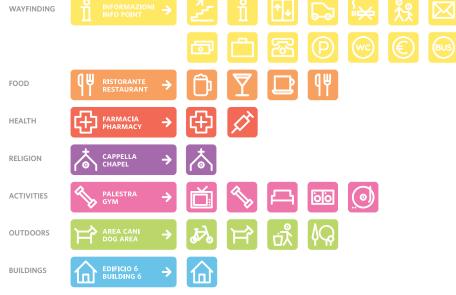














7 397 30.500 **BUILDINGS** FLATS

A/B TYPOLOGIES

A= TOP FOR DELEGATIONS

B=STANDARD FOR STAFF FAMILY C= STANDARD, ADAPTABLE FLAT FOR THE STAFF

63 275+78 56+12 2

1BEDROOM 2BEDROOMS

3BEDROOMS

4BEDROOMS

5BEDROOMS

1186 + 90 + 306 = 1582

TWO-ROOM 2 BEDS + SOFA-BED > 2 + 1 beds (2 in room, 1 sofa bed) > bathroom

> spacious living area with cooking area

THREE-ROOM FOUR-ROOM 3 BEDS 4 BEDS + SOFA-BED + SOFA BED > 3 + 1 beds > 4+1 beds (3 in room + 1 sofa bed)

(4 in room + 1 sofa bed) > bathroom > bathroom

> spacious living area with > spacious living area with cooking area cooking area

THREE-ROOM C

4 BEDS WITH EXTRA ROOM

> 4 beds

FOUR-ROOM C

WITH EXTRA ROOM

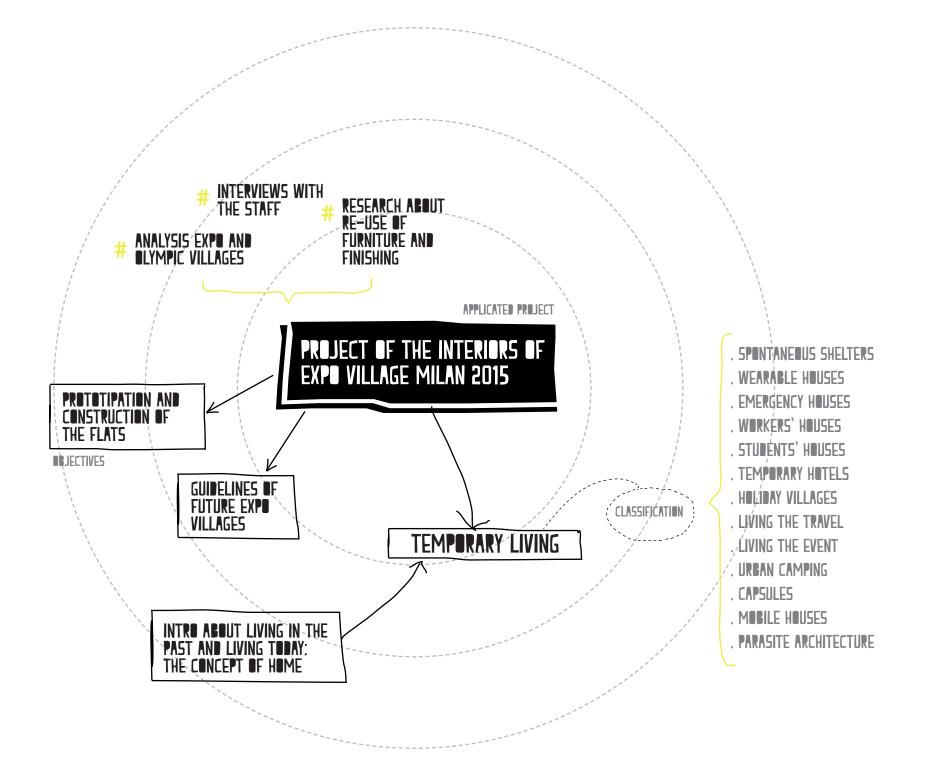
(in 4 bedrooms)

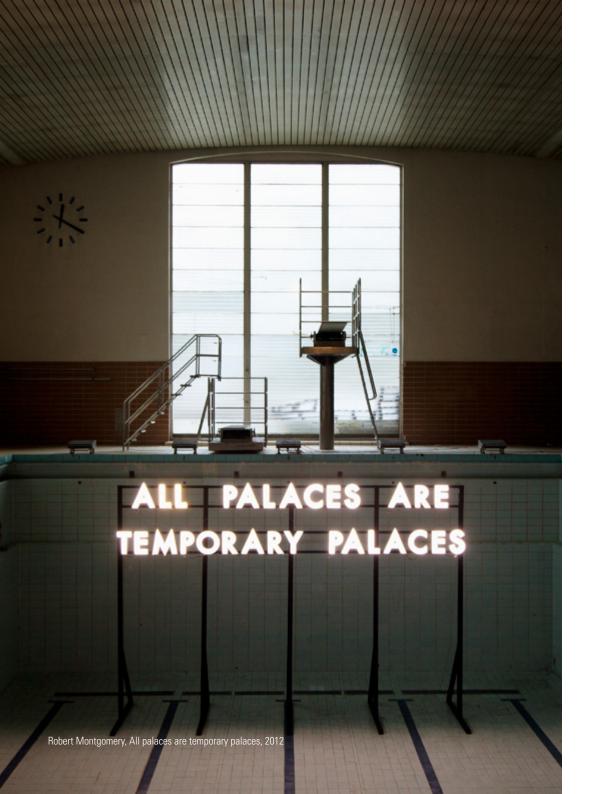
> kitchen

COOKING ZONE

BEDROOM

KITCHEN





TEMPORARY LIVING



Toyo Ito, Dwelling for a Tokyo Nomad Women, 1985



























URBAN CAMPING

CAPSULES

MOBILE HOUSES

PARASITE ARCHITECTURE

- . SPONTANEOUS SHELTERS
- . WEARABLE HOUSES
- . EMERGENCY HOUSES
- . WORKERS' HOUSES
- . STUDENTS' HOUSES
- . TEMPORARY HOTELS
- . HOLIDAY VILLAGES
- . LIVING THE TRAVEL
- . LIVING THE EVENT
- . URBAN CAMPING
- . CAPSULES
- . MORILE HOUSES
- . PARASITE ARCHITECTURE



























Cardboard Home, by Ryuji Miyamoto, 1994 / Refuge wear, Habitent, Lucy Orta 1992-3 / Home for All Project, Toyo Ito, 2012 / A77, MOMA PS1, 2013 / Hotello, Scarponi+De Luca, 2013 / Pixel Hotel, Linz, 2009 / Summer Container, MH Xooperative, Finland, 2000 / Bivacco Urbano, Diogene, Torino, 2009 / Festival Village, Festival of the World, London 2012 / Esterni Urban Camping, Milan Design Week 2013 / Cocoon, Micasa Lab, Zurigo, 2013 / Loft Cube, Aisslinger Studio 2003-10 / paraSITE, Michael Rakowitz's, 1997































HOMELESS





EVERYONE

























TRAVELERS

888

NEEDS



PROTECTION



EMERGENCY





















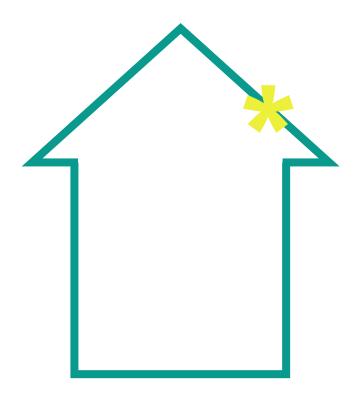




HOME as **OCCUPATION**

HOUSE as ADAPTATION

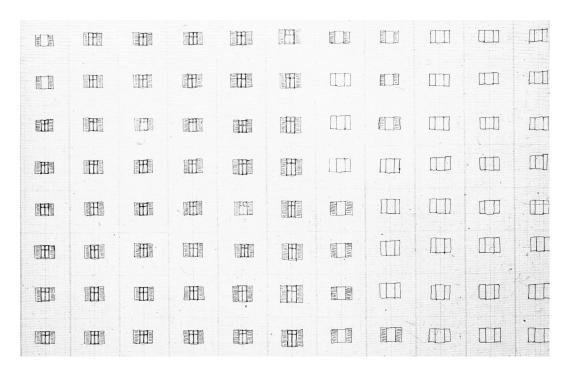


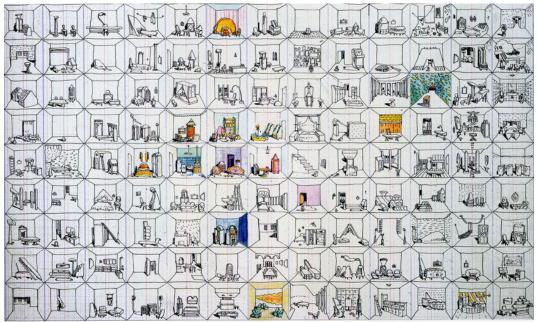




No hay trece que pueda con nosotros, Ana Bustelo

HOME as **OCCUPATION**





Ugo La Pietra, Esterno/Interno, 1970-93

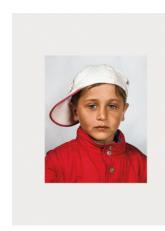


OCCUPATION / CASE STUDIES

home as occupation / case studies WHERE CHILDREN SLEEP / JAMES MOLLISON / 2010







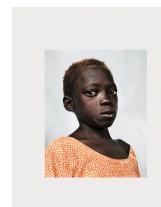






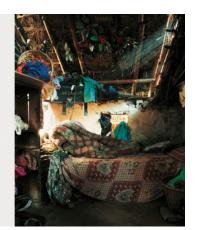












home as occupation / case studies I AM HERE / FUGITIVE IMAGES / 2009

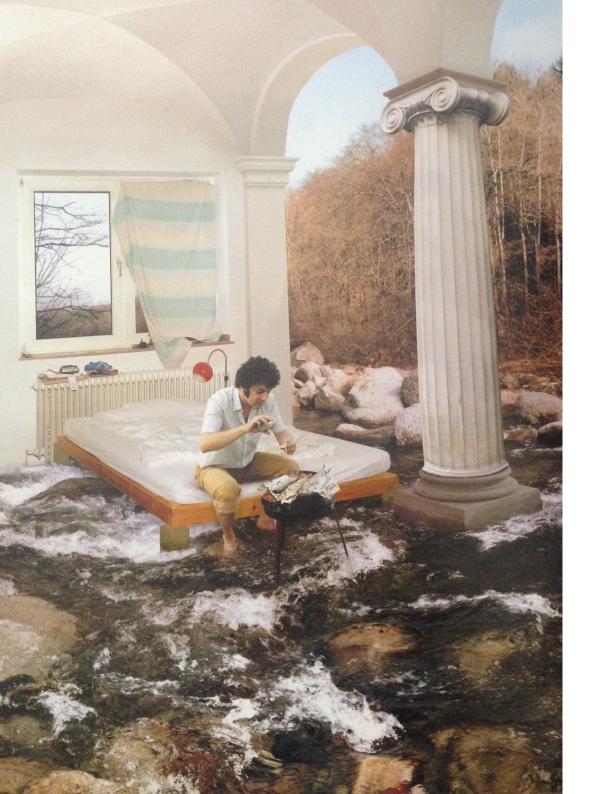








Scenes from the movie Mary Poppins, 1968

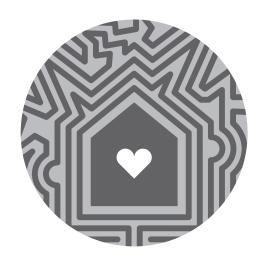


HOUSE as **ADAPTATION**



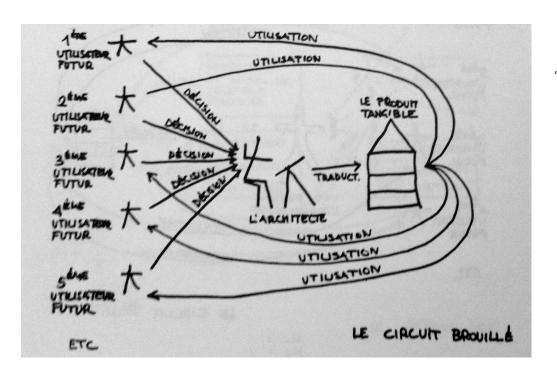


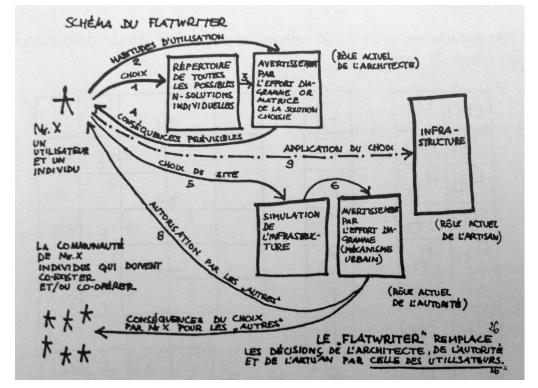
Alejandro Aravena (Elemental), Quinta Monroy, 2003-04



ADAPTATION / CASE STUDIES

house as adaptation / case studies DIAGRAMS from FRIEDMAN (1971) "PER UNA ARCHITETTURA SCIENTIFICA"





house as adaptation / case studies PLUS / LACATON&VASSAL / 2004





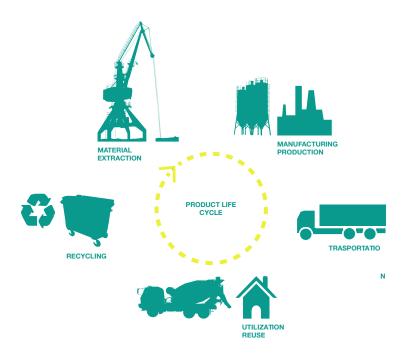


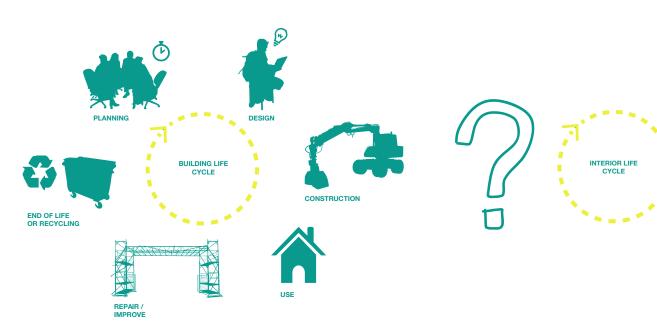












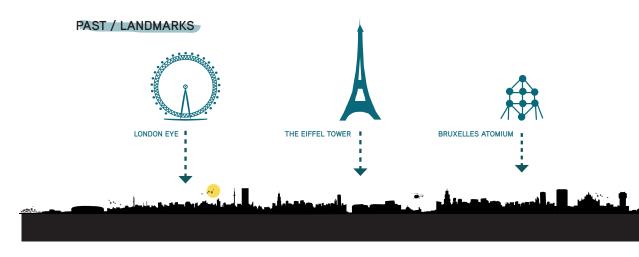


THE LEGACIES OF INTERIORS









FUTURE / URBAN ACUPUNCTURE + IMPORTANCE OF LEGACY



Seville 1992, Claudio Sabatino, "Expo dopo Expo" exhibition, Milan, 2009 Seville 1992, Claudio Sabatino, "Expo dopo Expo" exhibition, Milan, 2009 Lisbon 1998, Marco Introini, "Expo dopo Expo" exhibition, Milan, 2009



























THE LEGACIES OF INTERIORS / CASE STUDIES







the legacies of interiors / case studies HOUSE OF CONTAMINATION / RAUMLABOR ARTISSIMA / TORINO / 2010

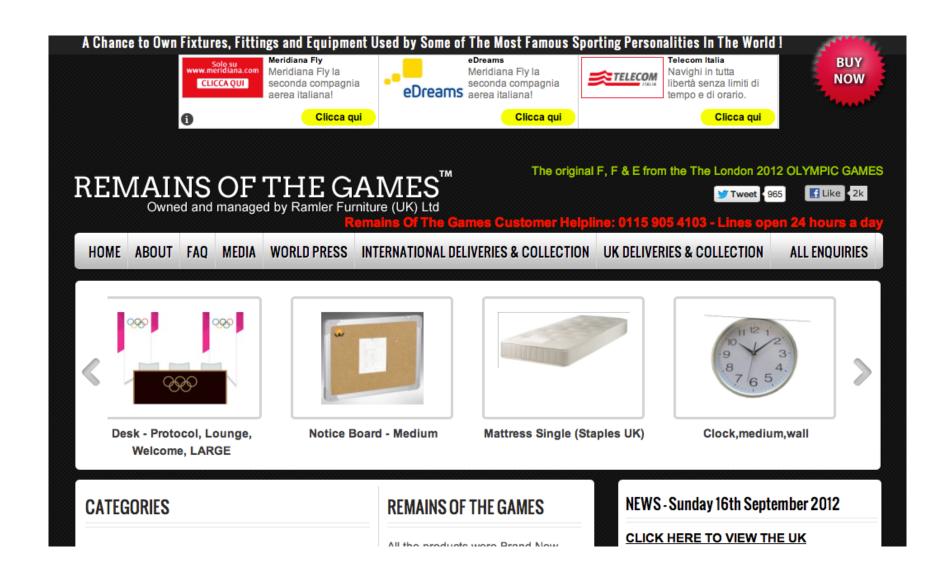




the legacies of interiors / case studies SKINNED / JORIEN KEMERINK / 2013

























INTERIORS LEGACY

#1

SELLING THE FURNITURE TO THE NEW INHABITANTS

#2

NO PROFIT ASSOCIATION (ARCHITECTS WITHOUT BORDERS)

#3

E-COMMERCE WEBSITE

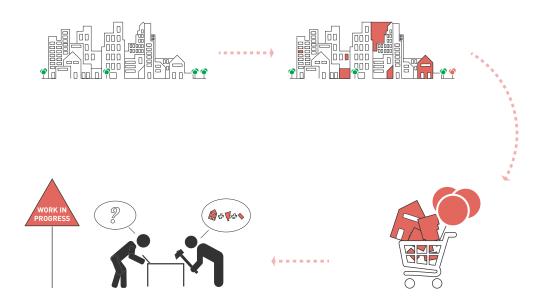
GUIDELINES FOR FUTURE EXPO VILLAGES



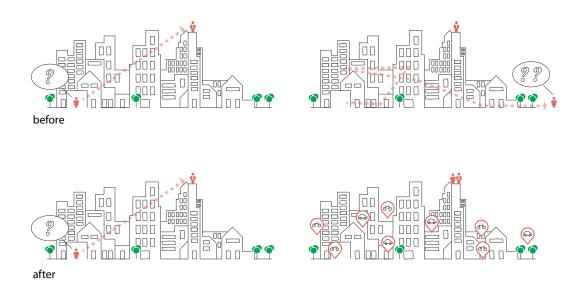
Images from http://edition.cnn.com/2012/01/26/sport/london-olympic-village/



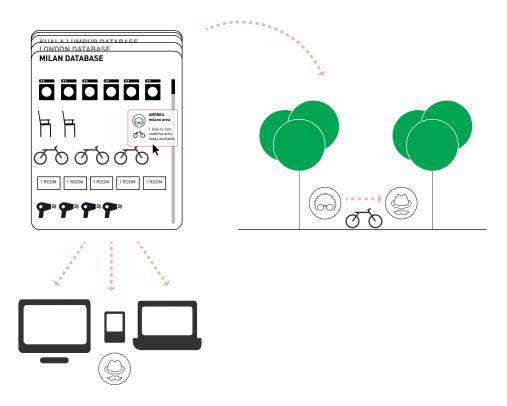
The village can be a non-village. We should not concentrate the residences of staff in one area, at any cost; we could and maybe should imagine a system of widespread urban accommodation throughout the territory.



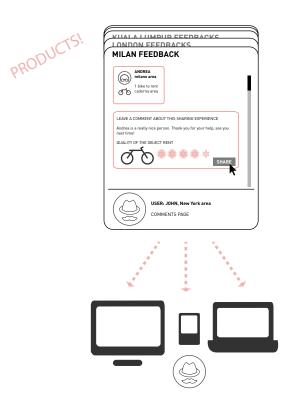
If the non-village is spread throughout the territory, we don't need to build from scratch, but it is essential to use and transform existing locations, such as abandoned buildings, vacant apartments and empty urban spaces, following the path indicated by activities such as the one carried out by Temporiuso or Impossible Living in the city of Milan, a sort of census of the empty locations in the city.



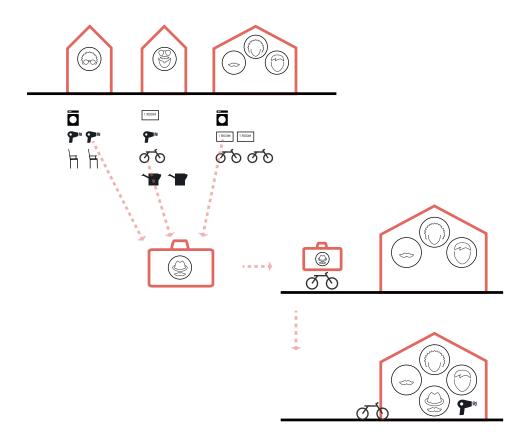
Spreading out the accommodation system brings with it the problem of travel and transport. We need to think, plan, build and expand the services of bike and car sharing in the city and boost the public services between the individual residences and the site of the event.



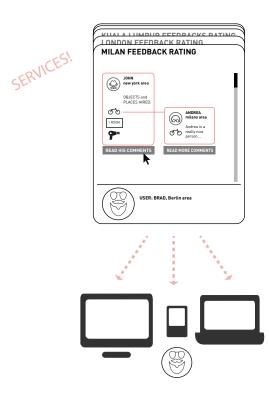
It is advisable to create a database of objects/furniture/products that could be useful to temporary inhabitants. A portal where you can rent, borrow and buy any type of tool you might need to feel at home in a temporary place. This database is part of the urban accommodation system; it does not belong to a single event but rather remains and is passed down from event to event. This portal is the material legacy of a city's urban accommodation system.



The intangible legacy of the accommodation system should be powered by social networks and blog/website that chronicles various experiences, collects videos, photos and contact details of temporary inhabitants of the city so they can leave their mark, which may be of help to those who will visit at a later time.



The exchange between permanent and temporary residents is paramount. The database of objects is also built up by permanent inhabitants, spaces often belong to individuals, private homes can even be shared, all to form a system of shared accommodation and a true use of the territory by the "guest" inhabitants.



Also with regard to services, the key words are spreading and sharing, as we said for products that are essential in feeling at home, in the same way that temporary inhabitants must easily know where and how to find the best services. The urban accommodation system must also collect suggestions and tips from permanent residents as regards services so that temporary residents can enjoy a truly authentic, even if brief, experience.

#1 GENERAL OBJECTIVE

HOW CAN DESIGN GIVE

- FFFFCTIVE
- INNOVATIVE
- . FLEXIBLE
- . SPREAD
- . IDENTITY

ANSWERS IN TERMS OF TEMPORARY HOUSES

#1 METHODOLOGY

- DESK RESEARCH
- LITERATURE REVIEW
- CASE STUDIES ANALYSIS
- CO-DESIGN WORKSHOP

#1 BUTPUT

- CLASSIFICATION OF TEMPORARY HOUSES
- TEMPORARY HOUSES MAPS
- FEELING AT HOME IN A TEMPORARY PLACE
- CONCEPT OF LEGACIES OF INTERIORS

#2 SPECIFIC OBJECTIVE

SYSTEM OF KNOWLEDGE REFER TO THE INTERIOR LIVING SPACES FOR THE STAFF OF BIG EVENTS AND IN PARTICOLAR LINKED WITH EXPO 2015 IN MILAN

#2 METHODOLOGY

- FIELD RESEARCH
- INTERVIEWS
- SOCIAL NETWORK ANALYSIS
- PHOTOGRAPHIC ANALYSIS
- REPORT E VISITS

#2 OUTPUT/PROJECT

- PROTOTYPING OF THE FIRST FLAT
- REALIZATION OF THE FLATS
- GUIDELINES FOR FUTURE EXPO VILLAGES

LIVING THE EVENT

Temporary housing models for large events

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