DESIGN FOR ALL
CONCEPT

LOCUS: Let’s Open Cities for Us

IBIZA, 12 April 2010
The population is diverse
We may all face reduced mobility or function irrespective of our life phase or work.
Therefore..........

Population diversity is the result of people co-habiting: all of us have the right to a dignified life.

Either we create environments for all or, in the future, few people will be able to make use of them.

Human co-existence is based on mutual respect and the desire that people develop as autonomous individuals.
Thus, dimensional, perceptual, motor and cognitive diversity have to be taken into account when developing environments because everybody has the WISH, the NEED and the RIGHT to be independent, to choose his/her way of life and to live it without the environment (created by us) putting barriers in his/her way.
THE AIM IS:

Providing human beings with environments, products and services that are ACCESSIBLE
WHAT IS DESIGN FOR ALL?

- Design for All is the intervention in environments, products and services with the aim that everybody, including future generations, regardless of age, gender, the capabilities or cultural background, can participate in social, economic, cultural and leisure activities with equal opportunities.
DESIGN FOR ALL CRITERIA

1.- Respectful: it should respect the diversity of users. Nobody should feel marginalized and everybody should be able to get to it.

2.- Safe: it should be free of risks to all users. Therefore, all those elements which form part of an environment have to be designed with safety in mind.

3.- Healthy: it should not constitute a health risk or cause problems to those who suffer from certain illnesses or allergies. Even more, it should promote the healthy use of spaces and products.
4.- **Functional**: it should be designed in such a way that it can carry out the function for which it was intended without any problems or difficulties.

5.- **Comprehensible**: all users should be able to orient themselves without difficulty within a given space, and therefore the following are essential:
   
a) **Clear information**: use of icons that are common to different countries, avoiding the use of words or abbreviations from the local language which may lead to confusion.

   b) **Spatial distribution**: this should be coherent and functional, avoiding disorientation and confusion.

6.- **Aesthetic**: the result should be aesthetically pleasing, as this will make it more likely to be accepted by everybody.
THE RESULT OF THE IMPLEMENTATION OF DESIGN FOR ALL IN THE CITY
BARCELONA FOR ALL
BARCELONA STATISTICS (2006)

- It is one of the cities with the largest population of older people.
  - 20% of the population is over the age of 65 years old (331,861 people).
  - 51.7% of this population (171,586) is over the age of 75 years old.
  - 31.7% of the older population live alone.
THE MUNICIPAL ACCESSIBILITY PLAN

Contents:
- Thoroughfare
- Municipal buildings
- Transport

Objective:
- To achieve a totally accessible city by the year 2006.
MANAGEMENT OF THE PLAN

City Council → IMDB → GTMA → Licences

Renowned Projects

Citizen Participation
Investment Management
CODI / Act. Private
- 92' Games
- PAM
- Forum
- Transport
- etc...

Design for all FOUNDATION
MANAGEMENT OF THE PLAN

GTMA

- Public Thoroughfare and Municipal Building Projects
- Monitoring of Accessibility in Barcelona
- Other Interventions
• Approval with districts of the interventions to be carried out.

• Projects management: Formation of the project and execution of the works.

• Interrelation with other operators.
Actions to promote the accessibility

- Design of urban furniture

Limit sign Barcelona

Kerb cut 120

Protection of tree holes Carmel
- Flat Non-slip surface
  - It orients the person with visual impairment with a strip of pavement with a distinguishable texture and slope.
  - Delimited with vertical signage.
  - Construction allowing practically no change in level.
  - It's wide and comfortable for everyone.
Re-urbanisation of streets
Different intervention approaches in historical buildings
Add-on solutions
Integrated solutions
Hidden solutions
TRANSPORT RESULTS

- Regular public transport by bus.
- Regular public transport by subway.
- Special public transport for people with disabilities.
- Taxi and private transport.
- Traffic lights with sound signals.
Being aware that people with more difficulties should be independent.
Incorporation of elements guaranteeing information.
Therefore we have the following table of evolution:

<table>
<thead>
<tr>
<th></th>
<th>1996</th>
<th>2006</th>
</tr>
</thead>
<tbody>
<tr>
<td>Buildings</td>
<td>122 buildings</td>
<td>488 buildings</td>
</tr>
<tr>
<td>Public thoroughfare</td>
<td>360 km.</td>
<td>730 km.</td>
</tr>
<tr>
<td>Beaches</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>Buses</td>
<td>16 Routes</td>
<td>131 Routes</td>
</tr>
<tr>
<td>Number of buses</td>
<td>46</td>
<td>1084</td>
</tr>
<tr>
<td>Underground (Metro)</td>
<td>12 stations</td>
<td>96 stations</td>
</tr>
<tr>
<td>Taxis</td>
<td>11 units</td>
<td>42 units</td>
</tr>
<tr>
<td>Audible Traffic Lights</td>
<td>24 crossings</td>
<td>380 crossings</td>
</tr>
</tbody>
</table>
Other actions:

- Legislation for accessibility in new buildings (since 1995)
- Subsidies to install elevators and to remove barriers in commons spaces
- Small subsidies to adapt the own house
- 2% of new houses reserved for people with disabilities
- City decree about works in streets
The intervention over public space and transport is basic for independent living.

The Accessibility Plan has been achieved but:

- The accessibility of shops is ongoing
- The accessible housing is mainly pending
- Accessible taxis are not enough
ACTIONS PLAN 2007-2011

The priorities of the current term regarding the city of Barcelona are:

- One level streets.
- Clearance of bus stops surroundings.
- Garbage containers.
- Playgrounds.
Changing the street design to make a democratic distribution of the space
Té els contenidors a l’abast de la mà i del peu.

Més contenidors, més a prop i adaptats a tothom.
MONESTIR DE MONTSERRAT
- Not always renowned buildings are good buildings for the users
- Maintenance should be always guaranteed
DESIGN FOR ALL FOUNDATION
COOPERATION WITH
TOWNS AND CITIES
A network that brings together:

- **Town and Cities** willing to reach excellence in Accessibility and Design for All.
- Independent **NGO’s**.
- Reputed **international experts**.
- **Companies** interested in contributing to the evolution of cities.
Inside this network, cities that commit to excellence by fulfilling the Design for All criteria are awarded yearly with the Flag of Towns and Cities for All.
THANK YOU VERY MUCH

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