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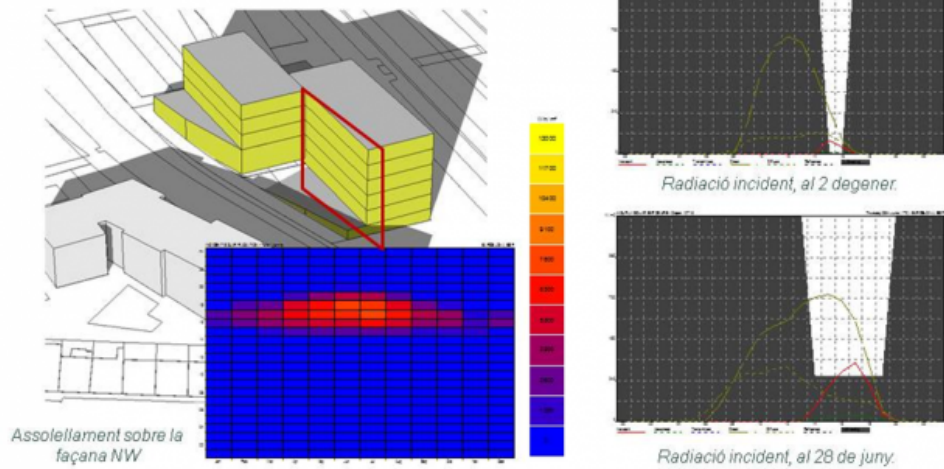
## Training in the implementation of sustainability measures in urban planning

Obtaining of a check-list of socioenvironmental criteria and its implementation methodology for the city of Barcelona based on a particular case study

<b>Entorn urbà</b> 	<b>Criteris i estàndards socioambientals a l'escala urbana.</b> <i>Ocupació del sòl i intensitat d'ús, espai públic, habitabilitat de l'espai públic, mobilitat i serveis, complexitat urbana, espais verds i biodiversitat, metabolisme urbà i cohesió social...</i>
<b>Emplaçament</b> 	<b>Criteris i estàndards socioambientals a l'escala de l'emplaçament</b> <i>Edificabilitat, volumetria, assolament i ombres, orientació, urbanització, aparcament, espais lliures...</i>
<b>Edifici</b> 	<b>Criteris i estàndards socioambientals en relació a les condicions de l'edificació</b> <i>Disseny passiu (finestres, aïllaments, ventilació natural, orientació, il·luminació natural), materials, balanç energètic, balanç hídric, gestió dels residus, confort...</i>

## Críteris d'emplaçament

- Optimització de l'orientació solar



### Category:

[Consultoria ambiental i territorial](#) [1]

### Client

Ajuntament de Barcelona

### Location

Barcelona

### Period

2016

## Motivation

Barcelona City Council wants to incorporate in the urban process new approaches and new working methods focused on the culture of sustainability, appropriate to the socioenvironmental challenges which Barcelona faces.

The working method was aimed at the support to the members of the urbanism team during several working sessions in order to define environmental and resilience criteria which the urban process should integrate, based on the assessment of a particular case study (a detailed modification of the General Metropolitan Plan).

## Results

From the working process, a 31 criteria check-list was obtained. The criteria in urban sustainability were balanced according to their importance and classified in three scales: urban environment, site and building. The agreed check-list incorporates aspects related to sustainable mobility, the improvement of public space and urban greening and the reduction of the energy demand and consumption in buildings, among others.

### Categoria

[Planificació territorial i urbana](#) [2]

### Tags

[Reflexió i debat](#) [3] [Urbanisme](#) [4] [Barcelona](#) [5]

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