

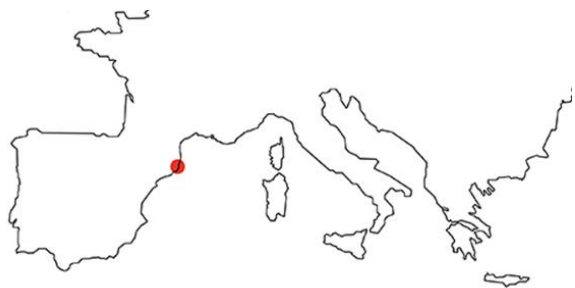
# OSLO REGION WORKSHOP

**What will Covid-19 mean for planning the future of European cities  
and urban areas?**

**Xavier Tiana**

18 November 2020

# Metropolitan area of Barcelona



**Spain**



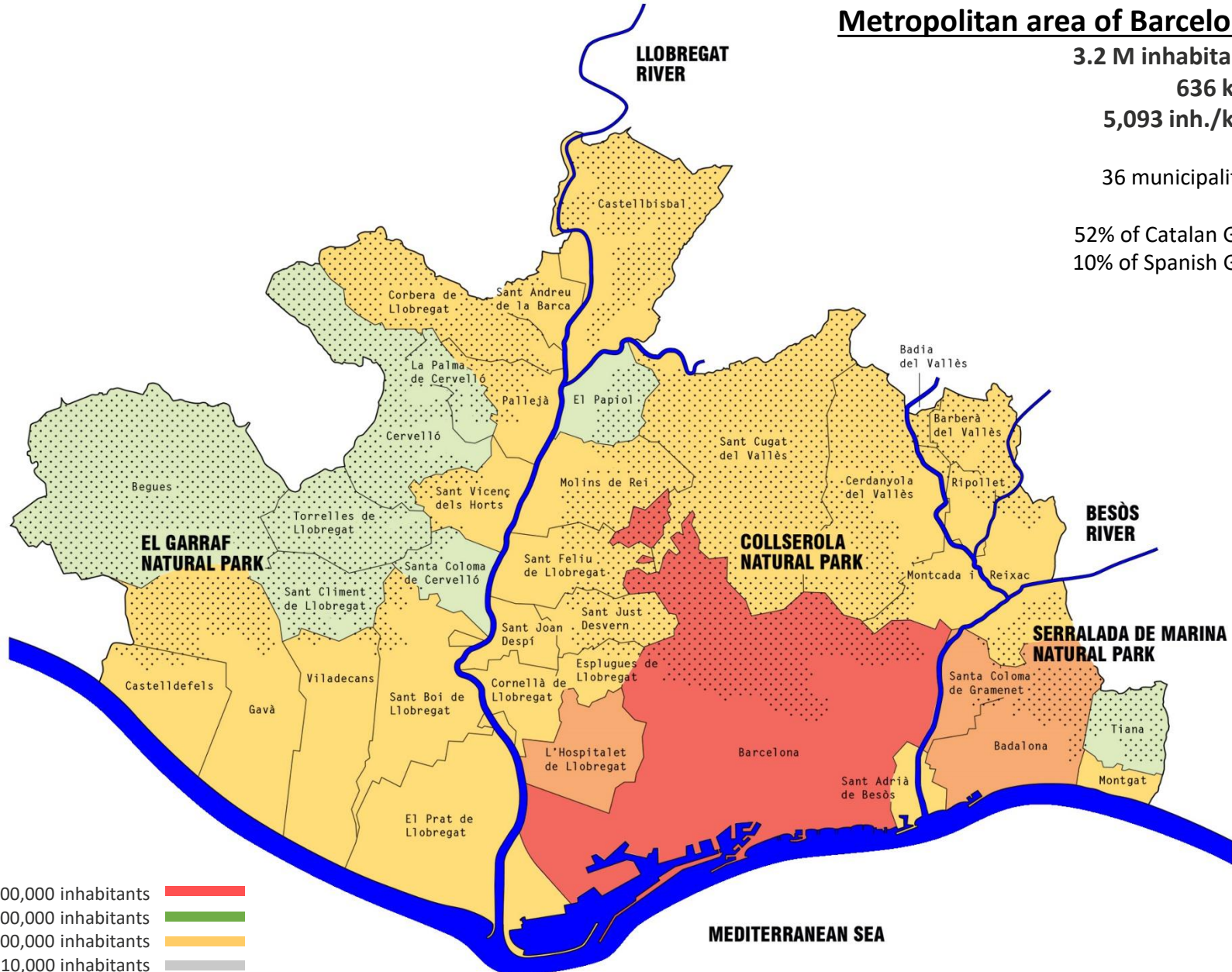
**Catalonia**

7.6 M inhabitants  
 32,108 km<sup>2</sup>  
 236 inh./km<sup>2</sup>

## Metropolitan area of Barcelona


3.2 M inhabitants  
 636 km<sup>2</sup>  
 5,093 inh./km<sup>2</sup>  
 36 municipalities

52% of Catalan GDP  
 10% of Spanish GDP




More than 1,000,000 inhabitants █  
 Between 100,000 and 1,000,000 inhabitants █  
 Between 10,000 and 100,000 inhabitants █  
 Under 10,000 inhabitants █

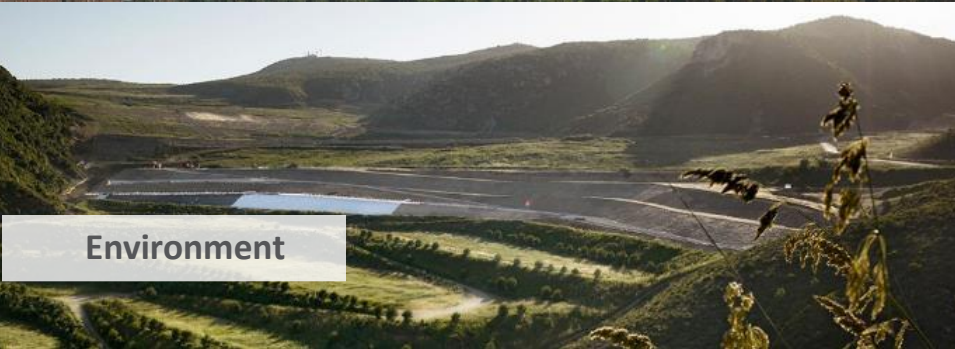
## POWERS



Spatial Planning and Housing




Transport and Mobility




Environment



Strategic Planning



Social and Economic Development



International Relations

## WASTE TREATMENT PLANTS



Energy Recovery Plant



Packaging Sorting Plant

### DISMINUCIÓ DE RESIDUS

Durant l'estat d'alarma per la COVID-19, es generen menys residus a la metròpolis de Barcelona

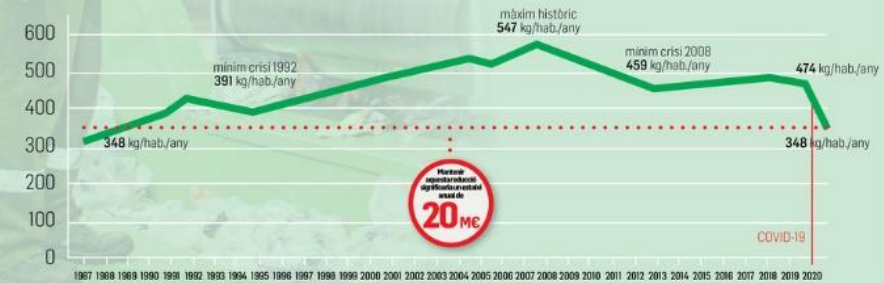


**24%**  
de reducció  
mitjana

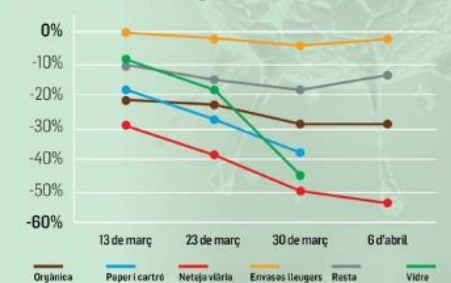
#### Reducció mitjana a l'AMB



#### Evolució de la generació de residus

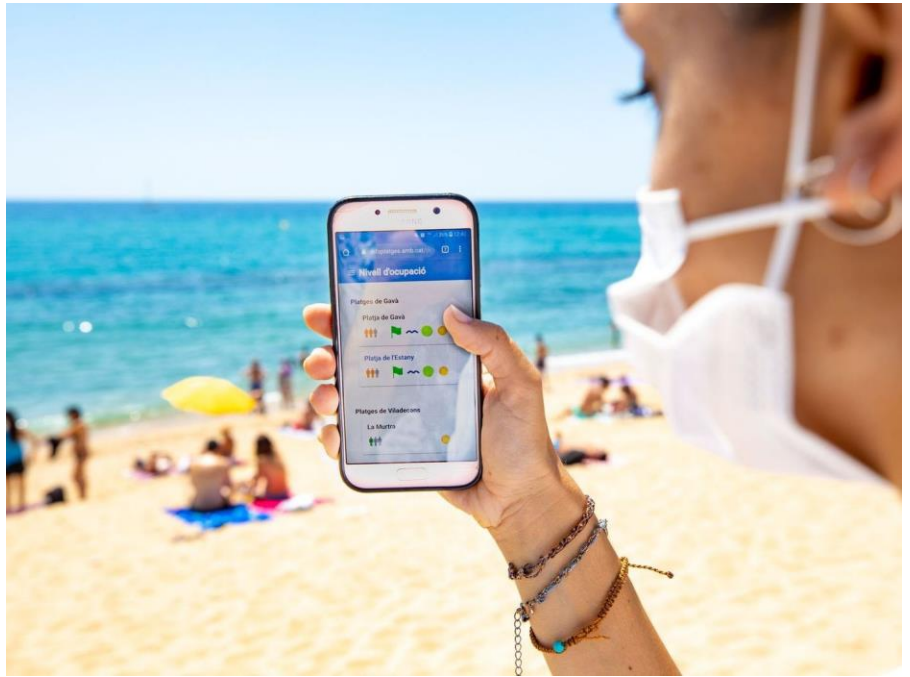


#### Del 13 de març al 12 d'abril



**PUBLIC SPACE**

**8 municipalities**  
**41 beaches in**  
**42 km of coastline**



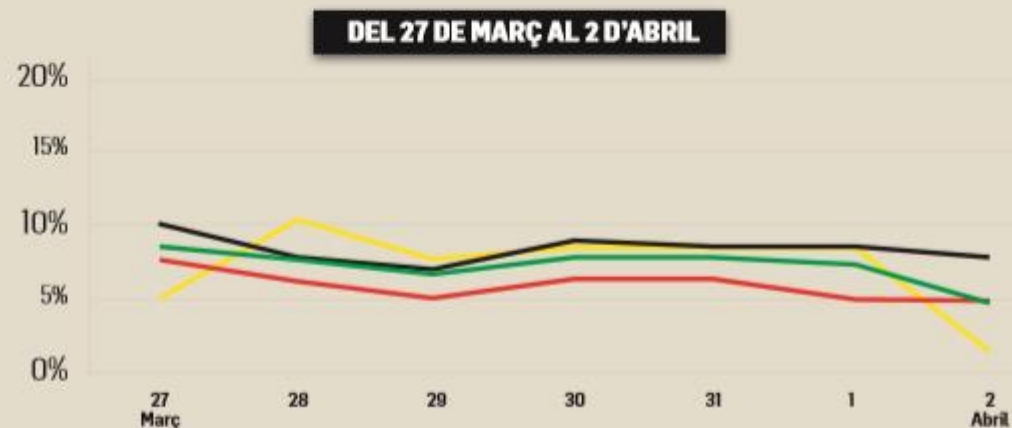
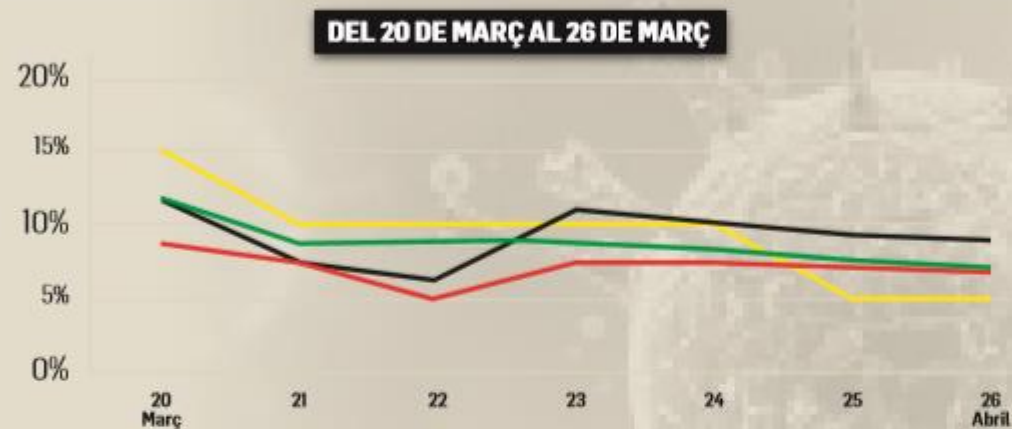
**51 Urban Parks**  
**33 municipalities**



**Public works**

# DEMANDA TRANSPORT PÚBLIC METROPOLITÀ

(COVID19) del 13 de març al 9 d'abril



# LOW EMISSION ZONE



# The Metropolitan Urban Master Plan: An ongoing process

The screenshot shows a web browser displaying the 'PLA DIRECTOR URBANÍSTIC METROPOLITÀ' (Metropolitan Urban Master Plan) website. The browser's address bar shows the URL: [amb1.maps.arcgis.com/apps/Cascade/index.html?appid=4ea47987014c45b586b4b9c4a7467adb](http://amb1.maps.arcgis.com/apps/Cascade/index.html?appid=4ea47987014c45b586b4b9c4a7467adb). The website header includes the AMB logo and the text 'PLA DIRECTOR URBANÍSTIC METROPOLITÀ' and '[PDU]'. The main content area features a large aerial photograph of Barcelona with the text 'Què és el PDU?' overlaid. To the right of the main image are three smaller images: a person cycling on a path, a busy city street with people and bicycles, and a modern building interior.



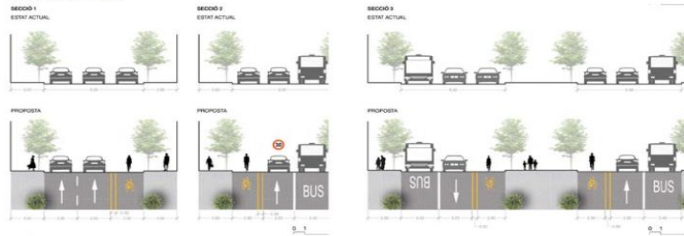
**Core topic 1**

Agreement for a metropolis with more bicycles and pedestrians

Urbanisme tàctic: N-150 Montcada i Reixac - Barberà del Vallès



Exemple de proposta tècnica d'ubicacions i amplades de les actuacions tàctiques: Proposta de seccions



**Core topic 2**

Agreement for the recovery of public transport as an essential service



**Core topic 3**

Agreement for a new mobility in the work environment



**Core topic 4**

Metropolitan agreement to preserve a clean and healthy air



# Urban Mobility Metropolitan Plan (2019-2024): 6 Strategic Topics

**Topic A. Urban model and metropolitan mobility networks**

**Topic B. Safety, healthy and equitable spaces and streets**

**Topic C. Integrative, efficient and high-quality public transport**

**Topic D. Flexible and efficient metropolitan mobility governance**

**Topic E. Mobility's intelligent management**

**Topic F. Changing habits encouragement**

**29 Action lines**

**1.354M€ Estimated cost  
(without infrastructure)**

**102 Measures**

**Strategic  
topics and  
measures**

Tusen takk!!

Xavi Tiana  
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