Fair taxation Systems in Catalonia

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Description
To a fair taxation system in Catalonia

NEW Spanish Law
Law 7/2022, of April 8, on waste and contaminated soils for a circular economy

Differentiated & specific waste tax

Covering all costs:
- Collection
- Treatment
- Monitoring
- Maintenance
- Communication campaigns
- EPR incomes
- Energy and materials incomes

Non-deficit tax

Allowing PAYT systems
Description

To a fair taxation system in Catalonia

**NEW Catalan Law**
Law of prevention and management of waste and efficient use of resources of Catalonia (Under elaboration) (version 02.05.22)

- Fair tax mandatory, depending on the municipality size
  - 2025
  - 2030
  - 2035

- Individualized collection systems
  - Door to door / Smart Containers

- Different levels of individualization
  - Neighborhood (not valid in 2035)
    - building
    - house

- Fair Taxation systems
  - PAYT
    - Pay As You Throw
  - BAYP
    - Bonus As You Participate
Resources needed

Tax ordinances

Waste management ordinances

Data monitoring system
Implementation

To a fair taxation system in Catalonia

1. Users identification
2. Waste measurement
3. Payment system
4. Feedback system
Implementation
To a fair taxation system in Catalonia

INDIVIDUALIZED COLLECTION MODELS

Door to door

Smart containers

1. USERS’S IDENTIFICATION

PERSONAL DATA PROTECTION management

INFORMATION AND TRANSPARENCY in results and costs
Individual invoices
Implementation
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RESIDUAL FRACTION OR SEPARATE COLLECTION FRACION

2. WASTE MEASUREMENT

Bag

Bin

Weight

Number of openings in Smart containers
Implementation
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Pay As You Throw
(at least residual fraction)

Bonus As You Participate
(usually organic fraction)

3. PAYMENT SYSTEM

Rewarding system
(self-composting, recycling center)

Combinations
Implementation
To a fair taxation system in Catalonia

Face to face

Website

App

4. FEEDBACK SYSTEM

KAYT
Know As You Throw
Evidence of success
Fair Taxation system in Catalonia

**PAYT-BAYP**

- **ARGENTONA**
  - Door to door
  - Bag
  - PAYT
  - Website

- **VILABLAREIX**
  - Door to door
  - Bin
  - BAYP
  - App

<table>
<thead>
<tr>
<th></th>
<th>2008</th>
<th>2018</th>
<th>2012</th>
<th>2018</th>
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<tbody>
<tr>
<td>Separate Collection %</td>
<td>52,8%</td>
<td>87,6%</td>
<td>38,71%</td>
<td>89,34%</td>
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<td>Waste production Kg/inhab/day</td>
<td>1,60</td>
<td>1,27</td>
<td>1,02</td>
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Evidence of success

Fair Taxation system in Catalonia

https://www.youtube.com/watch?v=h5sh5s7yoCA&list=PLWQMeO43vsufNy7r5uPypF10LJJS3rWDw&index=3
Good practices

Fair Taxation system in Catalonia

BAYP

RECICLOS

QR

Smart container
Rewarding system

URGELLET

QR

Smart container
Rewarding system

Combination of contributions 5 fractions
Good practices

Fair Taxation system in Catalonia
PAYT-BAYP

LA GARROTXA, EL BAGES, EL PAPIOL & OTHERS

Card

Smart container

Quantity

Quality

PAYT

BAYP

Nº contributions
Residual fraction

Nº contributions
Organic fraction
Lessons learned

Fair Taxation system in Catalonia

PAYT-BAYP

Pros / Cons

Easy to implement + Voluntary -
Low technology + Mobile technology -
Waste tourism + Easy communication -
Medium technology + Risk of low quality of biowaste & packaging -
No prevention effect -

ARGENTONA - bag
VILABLAREIX - bin
RECICLOS - QR
URGELLET - Smart container
LA GARROTXA - card

Fair Taxation system in Catalonia
https://rethinkwaste.eu/

https://www.youtube.com/watch?v=LW0eIGhwBpU