PAYT-KAYT in Catalonia

Teresa Guerrero
Mirror meeting

Brussels, 19 February 2020
High Landfill Cost

The more recycling, the lower cost

PAYT-KAYT premises
Catalan disposal tax and return system

Landfill Tax (+ fee)

Return system

Catalan disposal tax and return system

Landfill Tax (+ fee)

Return system

Catalan disposal tax and return system

Landfill Tax (+ fee)

Return system
PAYT-KAYT

1. Producer identification
2. Waste measurement
3. Payment system
4. Feedback system

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PAYT-KAYT

Implemented

- Vilablareix
- Canet de Mar
- Argentona
- Barcelona
- Riudcanyes 2008-2019
- Rasquera

Commercial PAYT

Pilots

2020 PPI grants:
2021 New pilots

St Just Desvern

R: Reciclos, G: Garrotxa, U: Urgellet

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1. **Producer identification**
2. **Waste measurement**
3. **Payment system**
4. **Feedback system**

**Prepaid bag**

**PAYT**

Separate Collection %
- 2008: 52.8%
- 2018: 87.6%

Waste production Kg/inhab/day
- 2008: 1.60
- 2018: 1.27
PAY Participate

1. Producer identification
2. Waste measurement
3. Payment system
4. Feedback system

Separate Collection
- Quantity
  - 2012: 38.71%
  - 2018: 89.34%
- Quality (% impurities)
  - 2012: 7.54%
  - 2018: 0.98%

Waste production t/year
- 2012: 1034.7 t
- 2018: 736.4 t

Drastic reduction of the waste tourism
Rewarding system

1. Producer identification
2. Waste measurement
3. Payment system
4. Feedback system

Cans & plastic bottles identification

2R on the container

App

Reciclos

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PAY Participate pilot project to be extended to the whole county

1. Producer identification
2. Waste measurement
3. Payment system
4. Feedback system

2R on the container

Combination of contributions 5 fractions
PAYT pilot project to be extended to the whole county

1. Producer identification

2. Waste measurement

container

quantity

quality

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PAYT pilot project to be extended to the whole county

3 Payment system

4 Feedback system

Nº contributions
Rest fraction

Nº contributions
Organic fraction

LA GARROTXA

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PAYT-KAYT in Catalonia

Pros / Cons

ARGENTONA
- Bag
+ Easy to implement
+ Low technology
- Waste tourism

VILABLAREIX
- Bin
+ High acceptance
+ Medium technology
- No prevention effect

RECICLOS
- Container
+/−Voluntary
+ Mobile technology
+ Easy communication

URGELLET
- Card
+ Same containers
+ Wide action range
- High technology

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No penalties → low “conversion from devil to angel” ratio
Thank you very much

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Promotion of Separate Collection
Circular Economy Area