



INTRODUCTION VALENCIA REGION.- SPAIN



VALENCIA REGION

- Population: 5 millions inhabitants, (11% national population)
- Province of Valencia: 2.500.000 h (50%) RV
- 266 Municipalities (75 % of the municipalities < 5,000 In)



☐ **Diputació de València:** Local administration.

☐ **Consorcio Valencia Interior:** public organization for waste management 61 municipalities. 250,000 inhabitants.



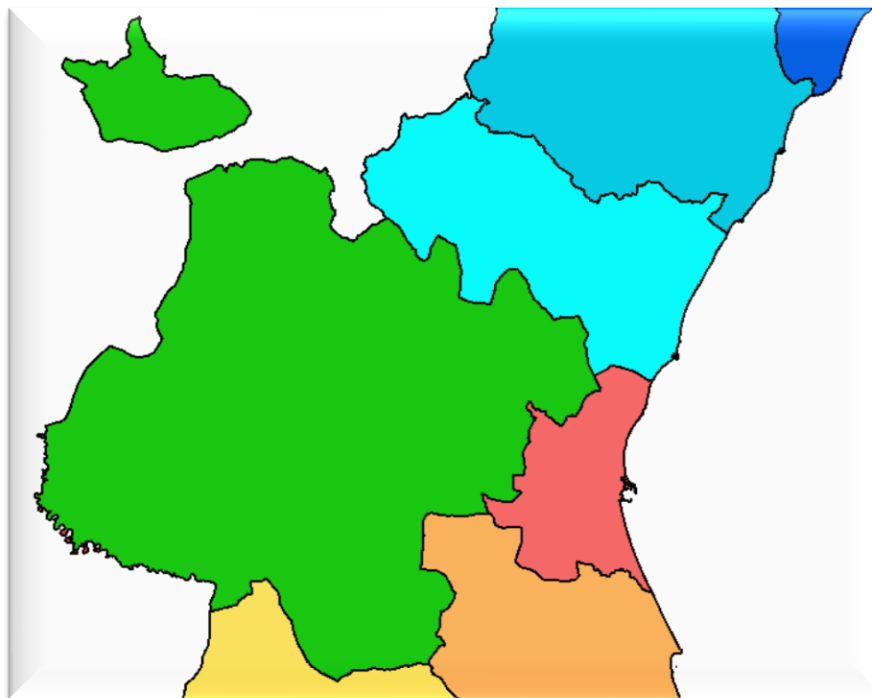


61 municipalities

250.000 inhabitants

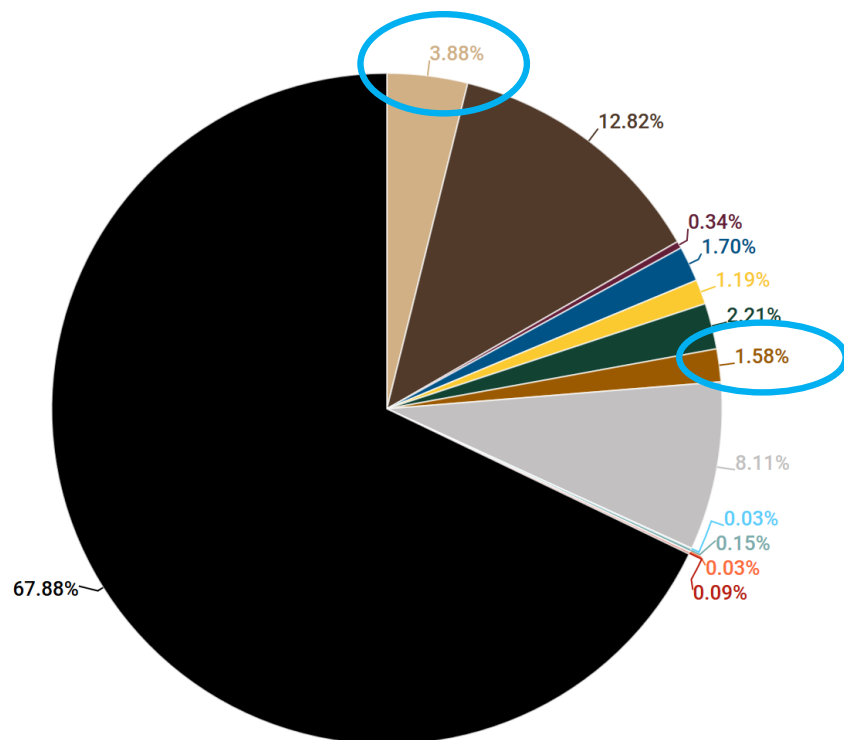
10% population of the
province of Valencia

50% of the territory





DOMESTIC WASTE GENERATION. RV



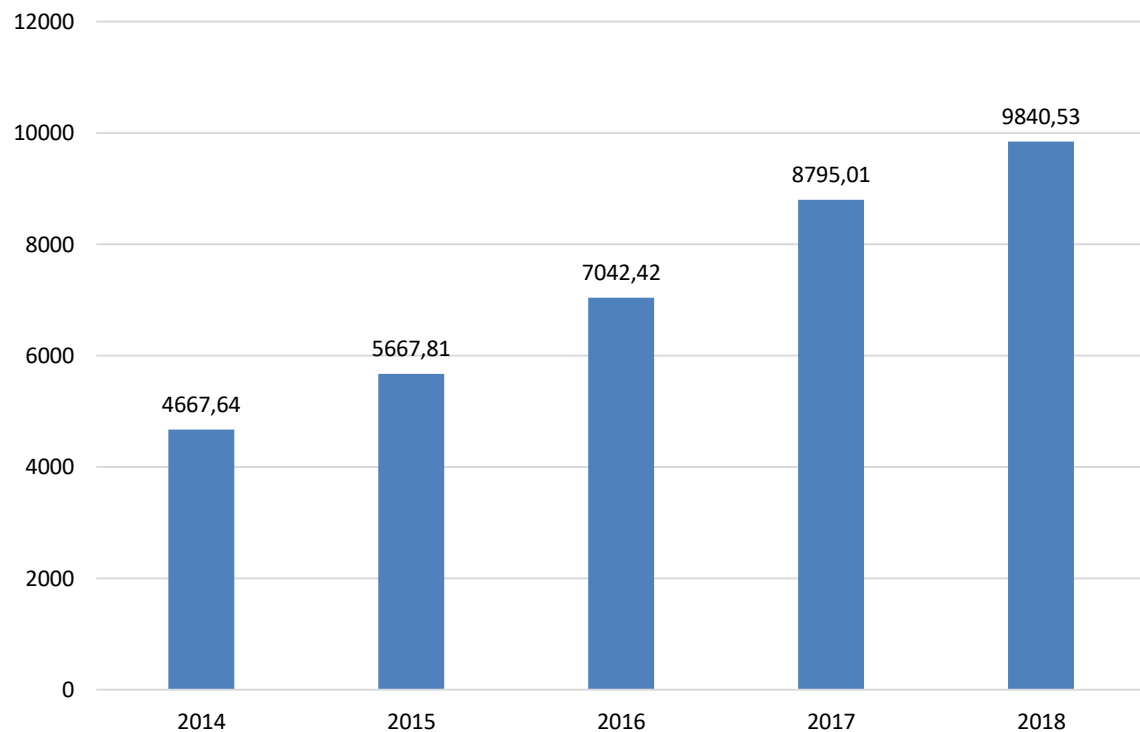
- Voluminosos
- Poda
- R. Aparatos Eléctricos
- Papel y cartón
- Envases ligeros
- Vidrio
- Madera
- Escombros
- Textil y calzado
- Metales
- Aceites domésticos
- Otros (residuos peligrosos, baterías, etc.)
- RDM

Why bulky waste?

Bulky waste + Wood
=
WEEE + PACKAGING



Bulky and woods



- *Average annual increase amounts managed 21%*
- *110% increase in weight 2014 - 2018 (5 years)*



MAIN CHALLENGES IN BULKY MANAGEMENT



Present situation at local level: main objective, remove the waste from the streets, lack of local strategies for recycling and reuse bulky.



✓ **Disposal /Composition**
Citizens; size and different composition of material.

✓ **Collection systems -**
Municipalities : 70 % deposit on street. (manual task, high cost)

✓ **Treatment- policy**
makers and companies
- reduce volume
crushed priority.

New management model BW- Project Urbanrec.

Awareness camping (Policy markets and Citizens)

Municipalities.

Support the municipalities to connect with citizen (social media campaign)

Improve collection system recommendations with results.

Development of urban furniture from new material selected

Citizens

Awareness activities 20 municipalities. (street / Schools)

Development reward measures promoting the reuse and recycling of bulky waste in municipalities. (tax discount).

Improve selection in C.A..S pilot actions

Pilot action in 7 Civic Amenities Sites.

- New waste streams (commercial plastic/ hard plastic)
- Train C.A.S operators.



Implement project results in other regions. (Involve stakeholders)
Training Event.

Reuse pilot action in C.A.S

► Change the management model IN C.A.S to reuse.

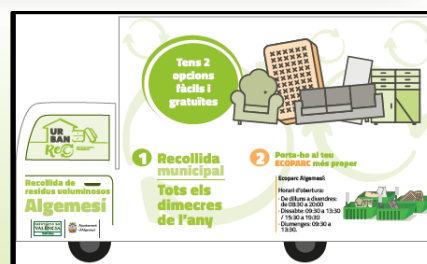




AWARENESS ACTIONS (POLICY MARKETS AND CITIZENS)



Communication
resources for
Municipalities.



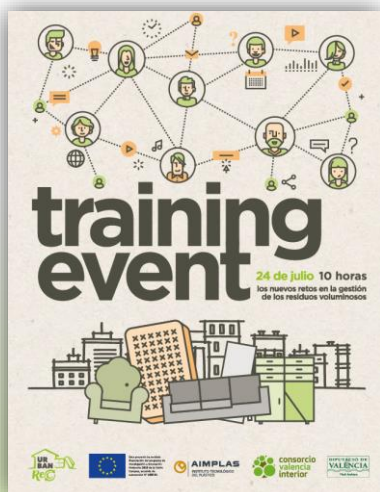


1- Training Event.

- Place : Valencia - Date: 24/07/2019

Participation: 28 organizations involve in Bulky waste management.

- Table 1: Collection and transport, selective process.
- Table 2: Civic Amenities Sites new selection Process.
- Table 3: Valorisation: preparation for reuse and treatment.
- Table 4: Communication and citizen service.



Results:

More that 20 proposal to improve all management system.

Edition good practice guides. (collection and management)





Recycling

Reuse.



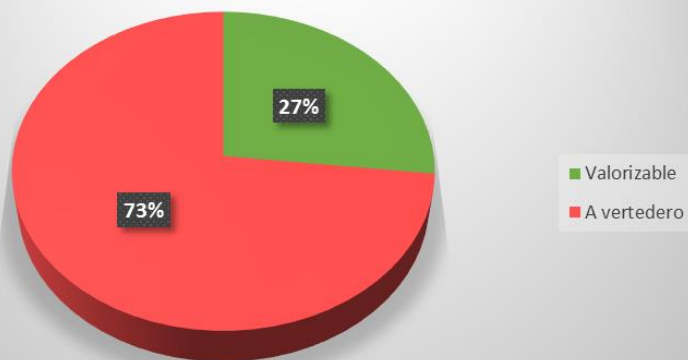
More that 10 tones of new materials collected in pilot C.A.S (2019)



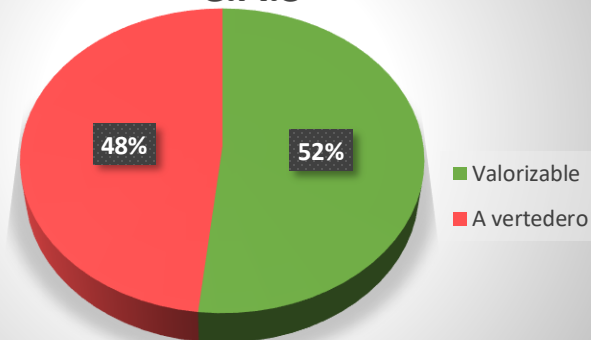
VALORISATION OF URBAN BULKY WASTE -RV



Without urbanrec



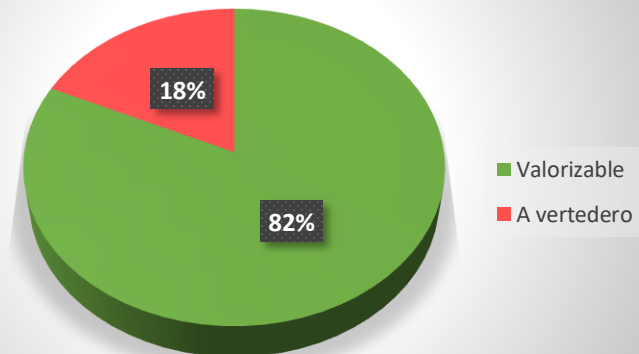
Pilot model – selection in C.A.S



URBANREC- New waste treatments to obtain high added value recycled products



Treatment model Urbanrec





Promotional results. (involve municipalities).



More than three tons of Bulky waste has been use as a raw material to produce Urban furniture and composters.

