VALENCE 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.
URBANREC project has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement nº 690103.
DOMESTIC WASTE GENERATION. RV

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.

- **Collection systems** - Municipalities: 70% deposit on street. (manual task, high cost)
- **Disposal/Composition**
  - Citizens: size and different composition of material.
- **Treatment** - policy makers and companies
  - reduce volume crushed priority.
New management model BW- Project Urbanrec.

**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 camping (Policy markets and Citizens)**

**Recircula**
Communication resources for Municipalities.

Awareness Actions (Policy Markets and Citizens)
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 than 20 proposal to improve all management system.
Edition good practice guides. (collection and management)
VALORISATION OF URBAN BULKY WASTE -RV

Without urbanrec

73%
27%

Pilot model – selection in C.A.S

48%
52%

Treatment model Urbanrec

18%
82%

URBANREC- New waste treatments to obtain high added value recycled products
Promotional results. (involve municipalities).

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