

Be  
WaPP

# Ensuring an efficient waste management infrastructure

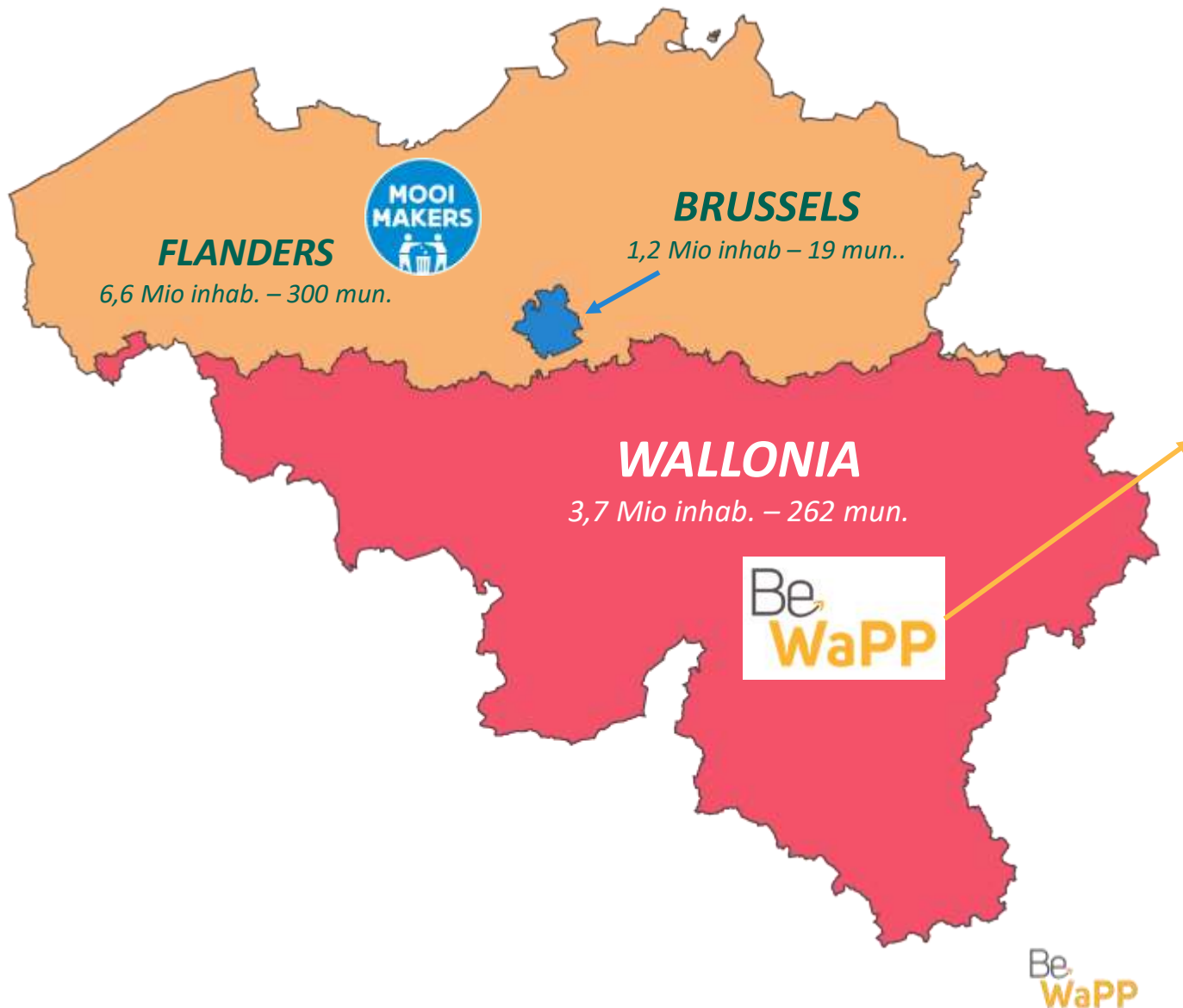


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Stop Litter Now! Summit 2023

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# An association active in Wallonia



Annual budget :

**4 Millions €**

**Fevia**

**comeos**

**Fostplus**

Objective:

**Reduction** of uncleanliness by **20%** (2016 - 2022)

# WHY OPTIMISE THE LITTER BINS NETWORK ?

**Since 2021** : 108 municipalities are supported by Be WaPP to optimise their litter bin network

**Observation** : 20% of public litter bins are badly « used »

→ **Well-chosen and well-placed bins can improve public cleanliness**



1. How to carry out a diagnosis  
of street litter bins ?





# A. MAKE AN INVENTORY

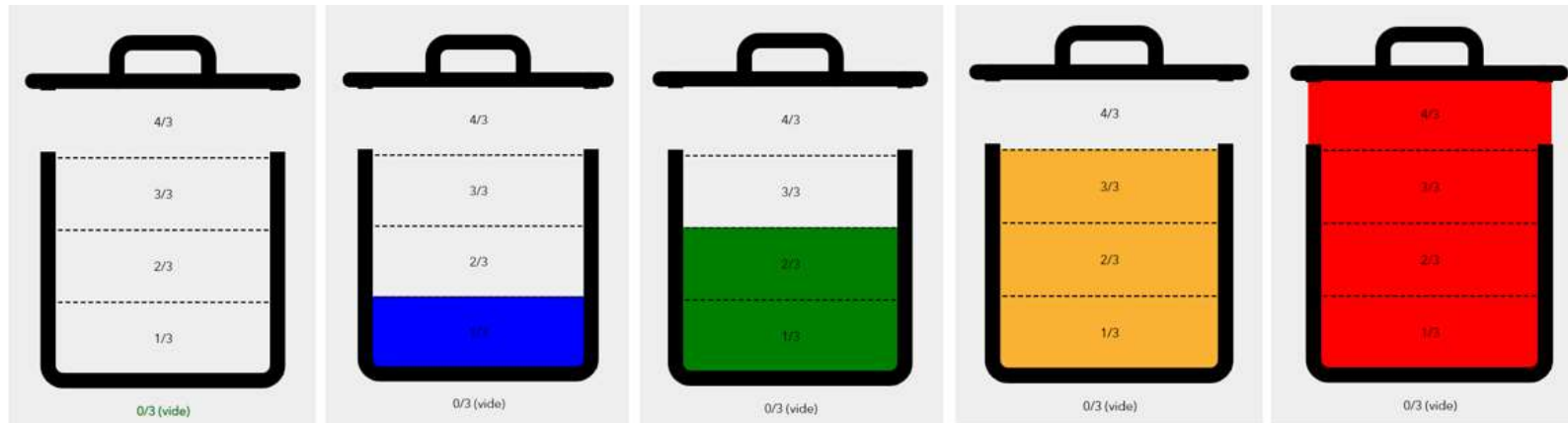
- ✓ Important to know **the exact location** of the bins
- ✓ **Characterized** according to their model, visibility and frequency of emptying
- ✓ **Centralization** of data in a digital way via an application



# B. MAESURING AND REPORTING

✓ For each bin inventoried, it is necessary to evaluate:

- *The condition of the bin and any technical problems (damaged lock, etc.)*
- *The filling rate*



- *The quantity of "non-conforming deposits" in the bin (household bags)*
- *The quantity of illegal dump at the foot of the bin*



# C. MAKING A DIAGNOSIS

- ✓ You can make a diagnosis of the bins and learn lessons.
- Development of an action plan.





## 2. Implementing an action plan

# 1. MODIFICATION OF THE BINS

✓ *Add new bins*

✓ *Remove bins*

✓ *Relocation of bins*

✓ *Improve infrastructures*

- Repair or replace bins
- Adapt the opening of the bins
- Increase the capacity of the bins
- Standardize the models of bins

✓ *Place sorting bins*

✓ *Use of smart hardware (smart bins, sensor, app,...)*



Importance of removing the entire cleanliness terminal  
Important to communicate about the changes



## 2. OPTIMIZATION OF COLLECTION ROUNDS

- ✓ *Add temporary bins (during summer or events)*
- ✓ *Modify the bins collection frequency*
- ✓ *Add collections during the week-end and/or Monday*
- ✓ *Create a team of agents performing additional cleanings*



Analyzes carried out in 2021 show that for municipalities a **gain of less than 30 min does not seem sufficient** to change the organization of the bins collection.

# 3. OTHER ACTIONS

## ✓ *Add snuffer or ashtray to bins – actions against cigarette butts*

- Cigarette butts represent 75% of the waste found on the ground
- Only 12% of baskets are equipped with a snuffer and 10% with an ashtray



## ✓ *Carry out repressive actions*

- Hire one or more certifying agents
- Cleanliness Marathon
- Installation of cameras



## ✓ *Awareness and communication*



One of the problems at the root of incivility is **the lack of public awareness** of the environmental issues of public cleanliness.



# IN CONCLUSION

It is **no longer possible** to place a street bin **without having first carried out a reflection**

More info ?

<https://www.bewapp.be/poubelles-publiques/>



# Thanks

