

Good Practice in Selective Collection in Heritage City Centres

Nº.	Section	Description
0.	Title of the practice	<i>Flexible fee model (Fleksibel gebyrmodell)</i>
1.	Photograph	
2.	Proposers	BIR AS
3.	Contacts	Toralf Igesund, +47 915 68 613, toralf.igesund@bir.no
4.	Useful links	http://bir.no/birprivat/Sider/FleksibelgebyrmodelliBergen.aspx
5.	Start date	- 2009: 8 municipalities around Bergen - 2016: Bergen
6.	Activities' state of the art	Implemented
7.	Location	9 municipalities in and around Bergen
8.	Inhabitants in the area	350.000
9.	Description of the practice	<p><u>Origin:</u> The goal was to reduce the amount of general waste of households by rewarding customers for considering the environment and optimising selective collection.</p>

Development and Timescale:

The process began in 2004, and all waste bins were tagged by the end of 2007. The pilot project was completed in one municipality in 2008. Full-scale implementation in 8 municipalities from 2009.

Bergen implemented the model in January 2016.

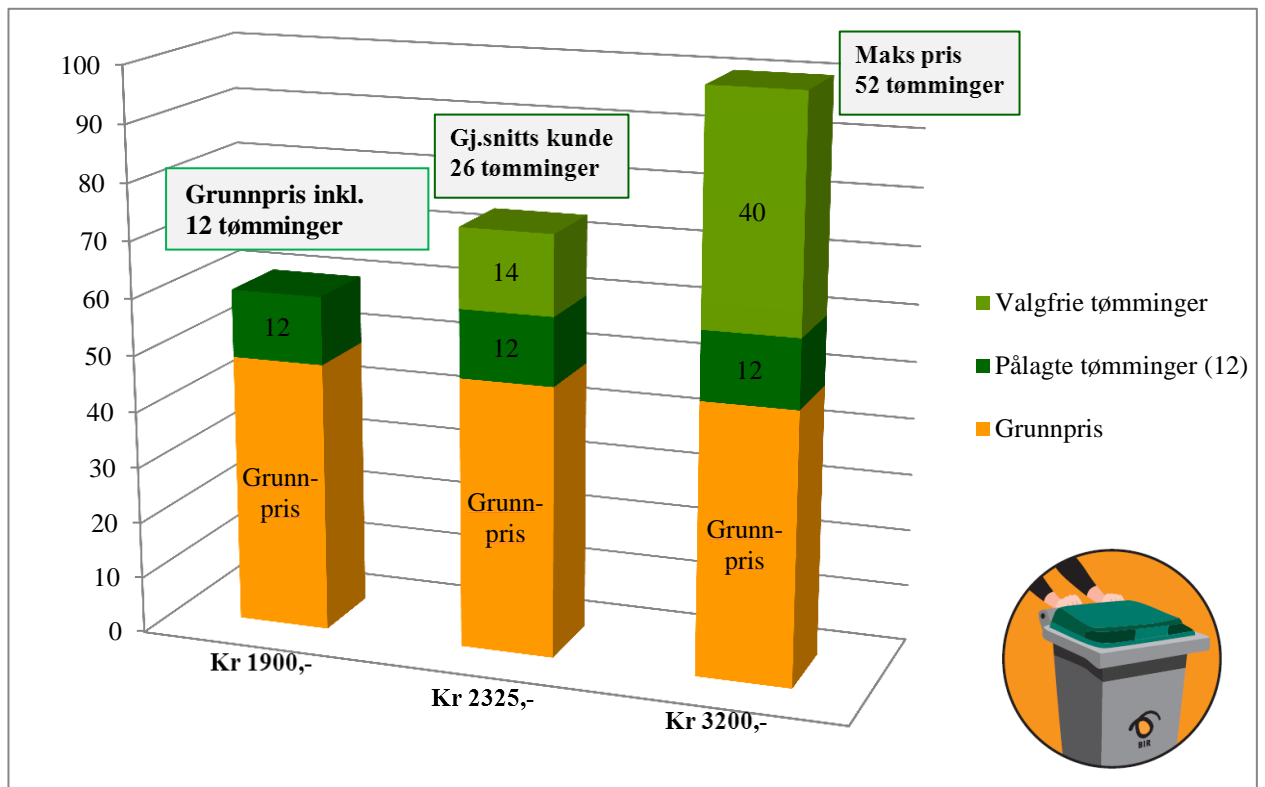
Actors involved:

- The 9 owner municipalities of BIR AS
- Suppliers; IT system and tags
- Team of personnel installing the tags

Legal framework:

BIR's regulations, pollution Act, national guidelines

Financial framework: (activities' cost, activities' revenues (if any), model/s of financing used)



The orange part of the bar explains the basic price and service together with the dark green which is the imposed price. This entitles the user for 12 collections (emptying). The light green adds up to this number with 14 or 40 additional emptying services for a higher price.

Use degree: (%) or number of users (if possible):

100% in surrounding municipalities and approximately 70% in Bergen. 91% goal by 2018.

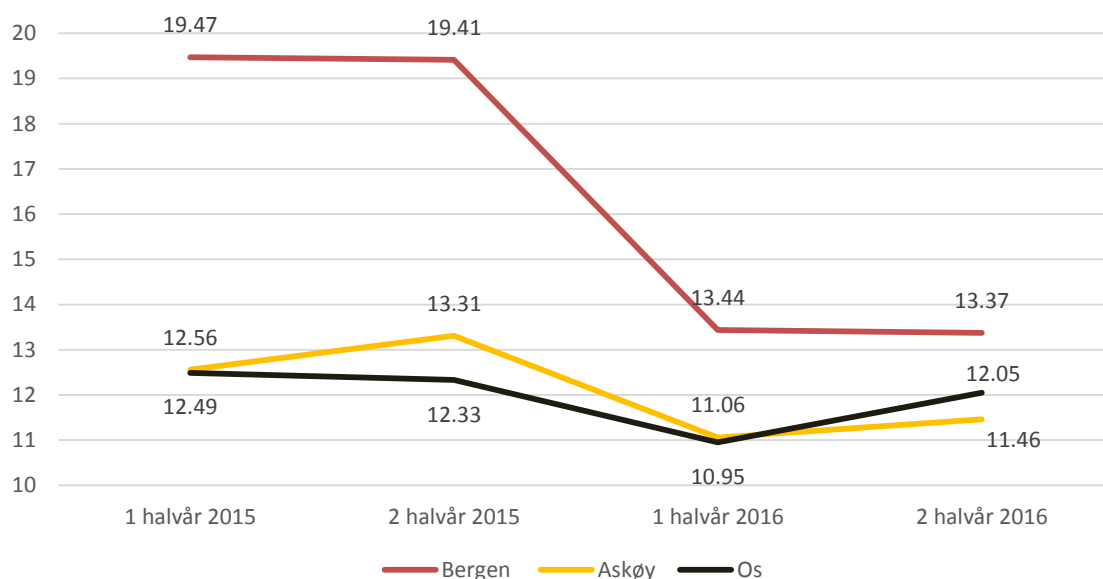
10. Results

Proven results (through indicators):

Difference between 2015 and 2016 in the municipality of Bergen:

- General waste reduced by 8,4%.
- Selective collection of plastic increased by 28%
- Selective collection of glass and metal increased by 10%
- Selective collection of paper and cardboard reduced by 5% (reflects the general reduction of use of paper).

Total residual waste - 2015 to 2016



Possible success factors:

Use of financial incentive toward customers rather than penalties.

Main difficulties encountered:

- Tagging of all bins
- Correct tagging of all bins
- Development of software

11.	Main lessons learnt from the practice	<ul style="list-style-type: none">- The “tag” team must feel ownership for the software and system- Extremely important with good co-operation across the company organisation
12.	Additional information	http://bir.no/birprivat/Sider/FleksibelgebyrmodelliBergen.aspx