



**Best in class
deposit systems**

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Brussels

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GM, Infinitem, Norway

INFINITUM





INFINITUM AS

Private owned value chain company owned 50/50 producer and retail
Operation started 3. of may 1999.
DRS since 1902!

1.3 billion cans and bottles in 2019.

- 22 400 tonnes of PET (89.7% PET through DRS collection points)
- 80% of recycled content in all PET bottles possible in Norway today!
- 9 300 tonnes of aluminum (90% cans through DRS collection points)
- Recovered by Hydro Holmestrand (Norway)

Shortest possible path between main task for the packaging material



KEY FIGURES

Norway:

5,5 mill people

11 300 manual return points

3 700 shops with RVM

35 logistic hubs

3 production facilities (investment of EUR 4 mill)

Collaboration between Green Dot, Municipalities and Infinitum!

Startup cost EUR 500 000 in 1999

The shops invest in the RVM, investment covered - handling fee

Small to medium size shops don't need RVM at startup

Micro loan from every household/value chain (in Norway 36 units i average)

Infinitum Trondheim, 15%
Baling og iRVM

Infinitum Bjerkvik 6%
Baling og iRVM

Bergen
iRVM

Oslo / Oslo lunder 0%
Infinitum Heia
Baling og iRVM

Lillesand
iRVM





PRODUCTION FACILITIES





EFFICIENT LOGISTICS

94% collected through 3 700
RVM in grocery stores
1,5 mill bags



6 % from 11 300 pick up
points without RVM
400 000 bags



<1 % Company's with
internet sales of
grocery og beverage



According to the regulations - all outlets selling beverage with deposit is obliged to accept deposit bottles/cans and disburse deposit as cash!



REPORTING OF TONNAGE



Vekt:
195,6 gram



Vekt:
81 gram



Vekt:
52,3gram

274 % tyngre





RECYCLING RATES GREEN DOT 2016

Design for recycling!





EPR COST PRODUCER/ IMPORTER

<i>01.10.2018</i>	<i>Aluminium</i>	<i>Steel</i>	<i>PET</i>	<i>HDPE</i>
<i>Basis EPR</i>	<i>-0,08 Nkr</i>	<i>0,21 Nkr</i>	<i>0,10 Nkr</i>	<i>0,10 Nkr</i>
<i>Standard kode</i>	<i>0,06 Nkr</i>	<i>0,06 Nkr</i>	<i>0,06 Nkr</i>	<i>0,06 Nkr</i>
<i>Light blue</i>			<i>0,08 Nkr</i>	<i>0,08 Nkr</i>
<i>Colored or sleeve > 75 %</i>			<i>0,15 Nkr</i>	<i>0,15 Nkr</i>
<i>Sleeve eller label</i>	<i>0,03 Nkr</i>	<i>0,03 Nkr</i>		



THE “NORWEGIAN MODEL”

- Environmental cost modell
- 100 % producer responsibility
- Product price + deposit (deposit not included in the product price)
- Deposit without VAT
- All selling points i obliged to take back the empties and pay out the deposit
- No restriction on content
- Centralized clearing with Infinitum, solidarity
- Balanced ownership, value chain approach
- Marking and control systems
- Design for recycling – bottle to bottle
- Accept also packaging outside system – no depo

