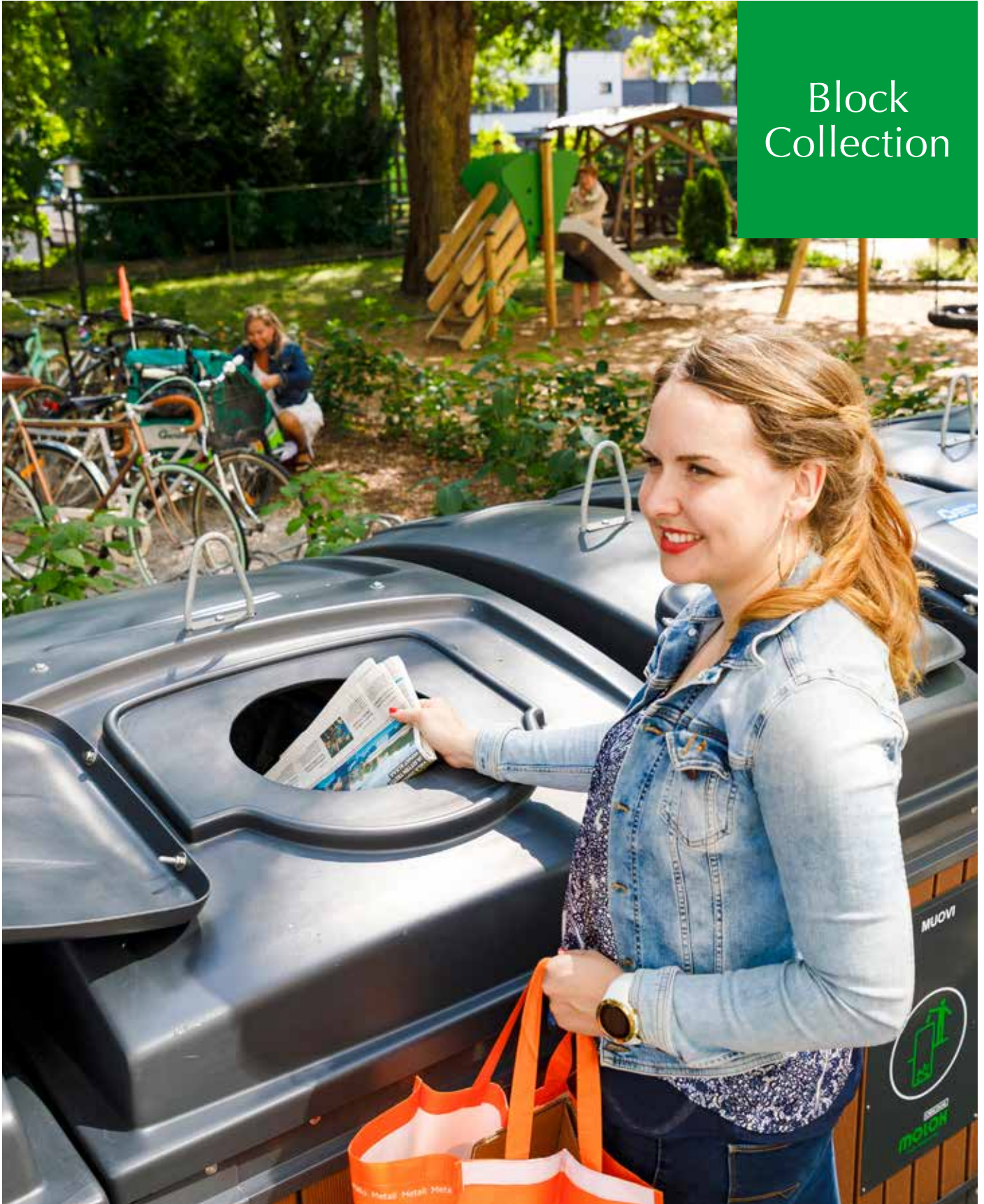
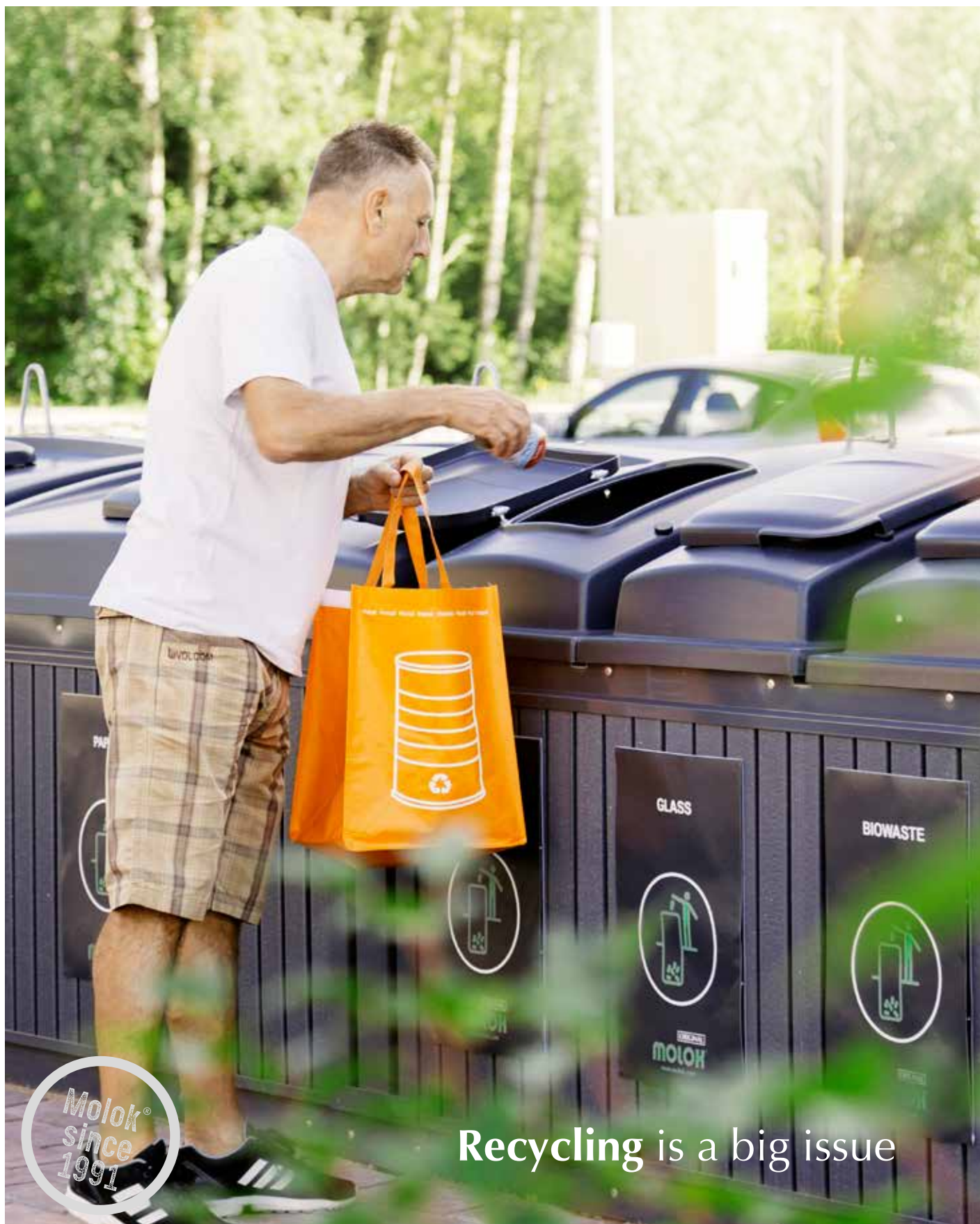


Recycling made close and easy
– resulting high recycling rates

ORIGINAL
MOLOK[®]

Block
Collection





Recycling is good for the environment – but often too hard for the residents



Molok® Block Collection solves the recycling challenges

Space effective: Container system which allows to collect many different fractions side by side very space effectively. One 5 m³ deep collection container equals 8 times 660 l or 20 times 240 l surface containers – space saving is evident.

Scalable: MolokDomino® system's flexibility enables sorting close to home for residents of both small and big housing units.

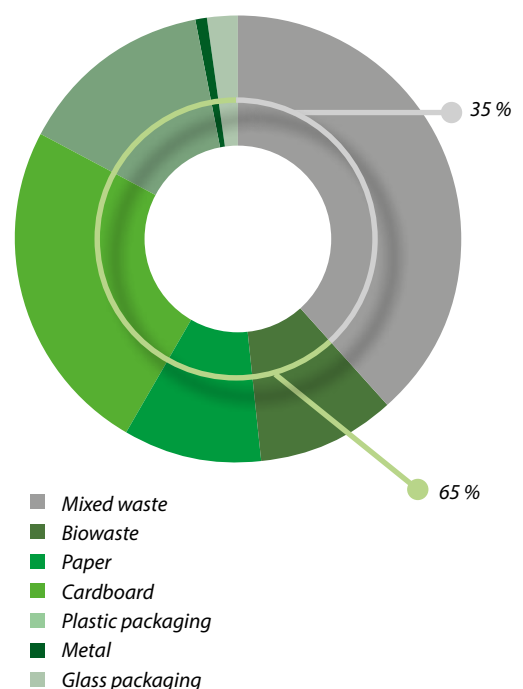
Less traffic: Instead of individual surface bins in each yard, Molok Block Collection system will be placed to one central location, serving many households. This means less collection traffic in the surrounding and a safer living environment.

When collecting 8 fractions, instead of 1–2, the traffic to the recycling stations naturally increases. However collection traffic stands for a very small part of the pollution in the life cycle. In the end the recycling of materials has the biggest effect on pollution rates.

Cost effective: The Block Collection system is more cost effective compared to traditional surface collection resulting in better pay-back for the investment. The total life time cost of the Block Collection system is the lowest in the market when compared to other collection systems over a period of 10 years.

Packaging materials and paper create most of the waste volume. These recyclable materials are both economic and environmental resources, not only "a must to handle".

Waste volume (liters) of different fractions in household waste.





Molok® Block Collection provides evident advantages for various operators



For municipalities

Environmental benefits through easier recycling

- 9 different impact categories were studied in a life cycle analysis. Molok® Block Collection was number 1 in all categories.

*Smallest environmental effect of collection systems in different categories (1=smallest).
Life cycle analysis of different collection methods. Linköping University, Sweden, 2017.*

	Block Collection	Four compartment bin system	Own mixed waste + biowaste bins
Global warming	1	2	3
Acidification	1	2	3
Eutrophication in freshwater	1	2	3
Marine eutrophication	1	1	1
Human toxicity	1	2	3
Photochemical ozone formation	1	2	3
Ecotoxicity in soil	1	2	3
Ecotoxicity in freshwater	1	1	3
Marine ecotoxicity	1	1	3

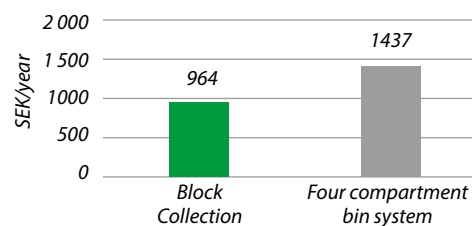
Most economical solution to increase recycling rates

- Economical efficiency of Block Collection was studied in Linköping University. One comparison method was four compartment bin system. The result was positive for Block Collection.
- Separately collected waste amounts were studied in Falun. 65 % of the total waste was recyclables and biowaste. Less waste ended up in mixed waste and more materials were sorted for recycling.

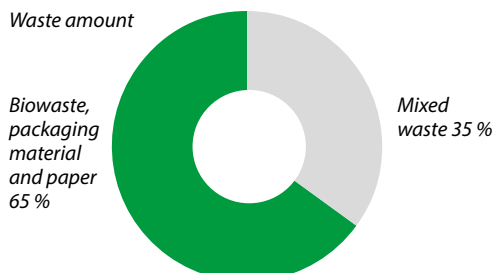
Safer and more ergonomic working environment

- No need for the manual dragging of heavy surface bins
- Smooth and safe emptying with a crane even in winter conditions.

Life cycle cost / year



Waste amount



For residents



Easier recycling

- Easier means also that you save time when you have the collection point close to you.
- Feedback from users was collected with questionnaire and interviews in Falun, some of the results are shown in the tables beside.

Convenient living area

- Elegant visual appearance
- No visible surface containers and transferring of them after emptying means less disturbance in the area.

Safer living area

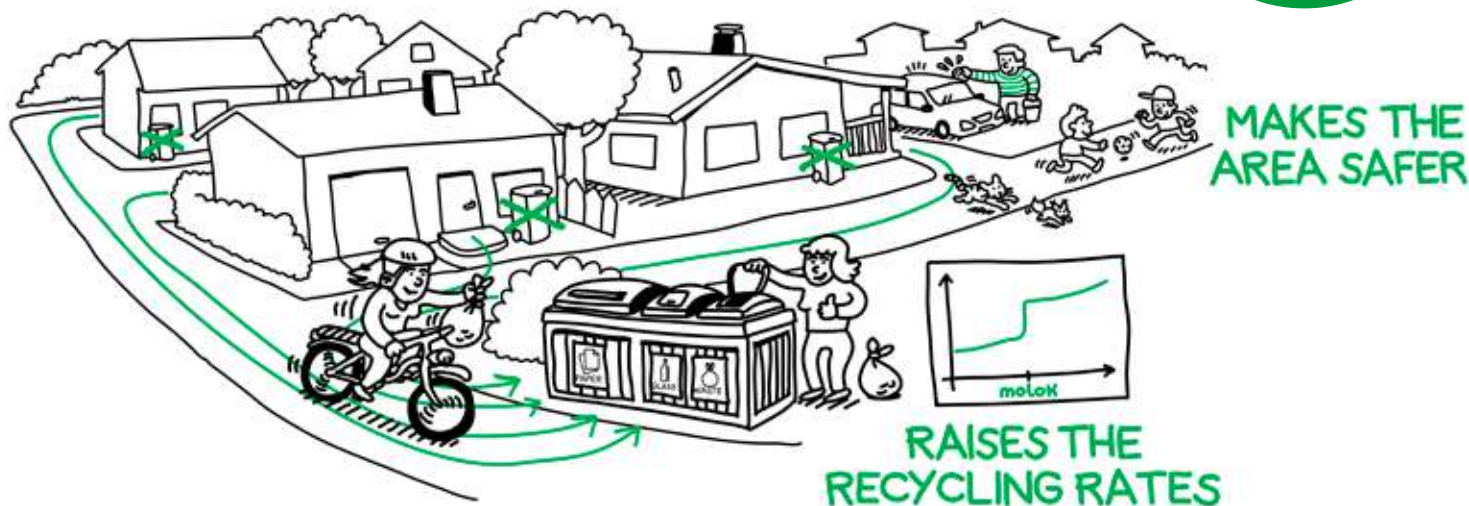
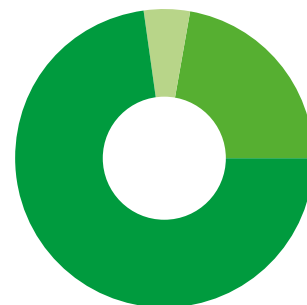
- Less traffic

Answers to questionnaire about Block Collection

Question	Answer: Yes
Easy to learn?	100 %
Easy to transport waste?	100 %
Suitable distance?	100 %
Suitable for residential area?	90 %

Users' overall grade to Block Collection

- Very positive 73 %
- Positive 22 %
- Neutral 5 %
- Negative 0 %
- Very negative 0 %



For architects



Good service level with easy recycling to the households

- Well planned, visually elegant and matching recycling station adds the value of the premises.

Cozy & comfortable living area

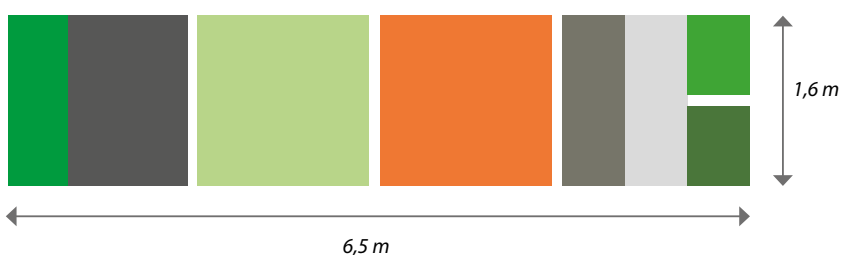
- No surface containers in disorder
- No transferring of surface containers after emptying = less disturbance
- More safety
- Possibility for vehicle free areas

Full recycling in amazingly small space

- Full recycling of 100 households in just 10 m²
- There are lot of options for different kind of environments. Both Deep Collection and surface containers can be used in Block Collection.



Space saving and flexible collection of many different waste fractions with MolokDomino® containers. One container can be divided even in six parts.

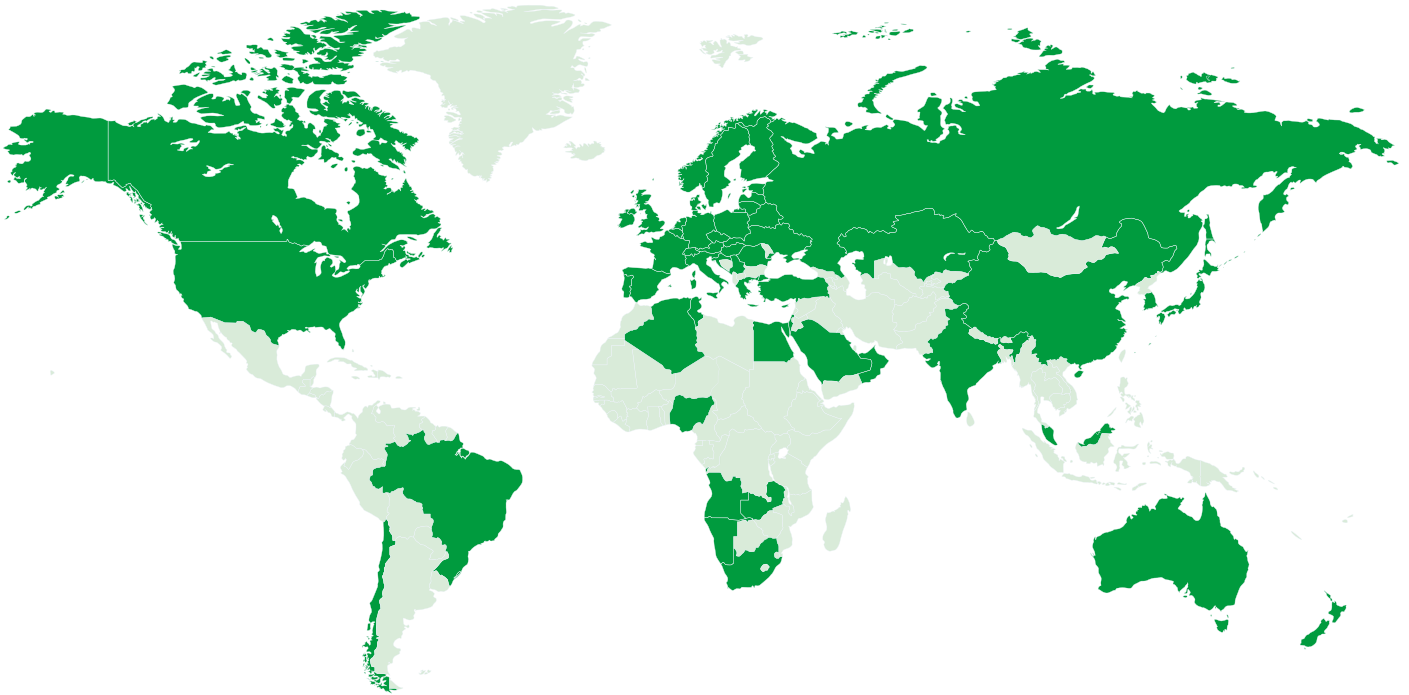


More
safety, less
disturbance



**Molok®
worldwide**

**150 000+ containers
40+ countries**



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