

one circle

Tap into the  
circular economy





# Tap into the circular economy

OneCircle invites you to be part of the circular economy, where everything is connected. With our offer of circular kegs we complete the circle; the kegs can be used as a raw material for new kegs after use.

We are a family business with an entrepreneurial culture and a focus on innovation. We produce kegs designed for the future. We believe in listening and innovating. We listen to all partners in the chain and translate that into innovations which help you create business.

Together with you, we are revolutionising the way drinks are distributed with at a significant reduction in transport costs, CO2 emissions and water consumption. KeyKeg and UniKeg are fully recyclable and can be used in a circular way as raw material for new kegs. We deal with our world in a conscious way. We respect the environment, our customers and our colleagues. Together with your support, we will achieve our objective the quickest way possible: to create a packaging that is 100% circular.

KeyKeg and UniKeg are full of unique benefits and services. Premium quality and lightweight, suitable for various types of liquids. Made for progressive companies.

Our mission

*“Leaving the world a better place, by connecting the interests and needs of the entire supply chain and contributing to the circular economy of plastics.”*

Our barrels are getting smarter and smarter and connect you with new customers all over the world, maximizing your business results:

- Manufacturers can share information about their brand and their offer
- Distributors can share routes and delivery dates
- Bars and restaurants can connect the kegs to their systems
- Customers know where to get their favourite drink

In addition each keg is equipped with a track & trace system, so that the life cycle is transparent and loyalty programmes can be linked.

OneCircle produces kegs that help your company grow and connect you to your market in the circular economy.

## Global network

From our head office in the Netherlands (Den Helder), the manufacturing locations and warehouses that are spread all over the world, a dedicated team of specialists works on the development, marketing, sales and recycling of our kegs. Customers appreciate our approach, as evidenced by the growing demand for our products and services.

For the production of the kegs we have advanced production lines in the Netherlands, Germany, Spain, UK and the USA. In addition, we work with certified resellers, so that we are always providing the best service. Our kegs are used worldwide and give you the opportunity to expand your network. Visit our website for an extensive overview.

## KeyKegUsers.com

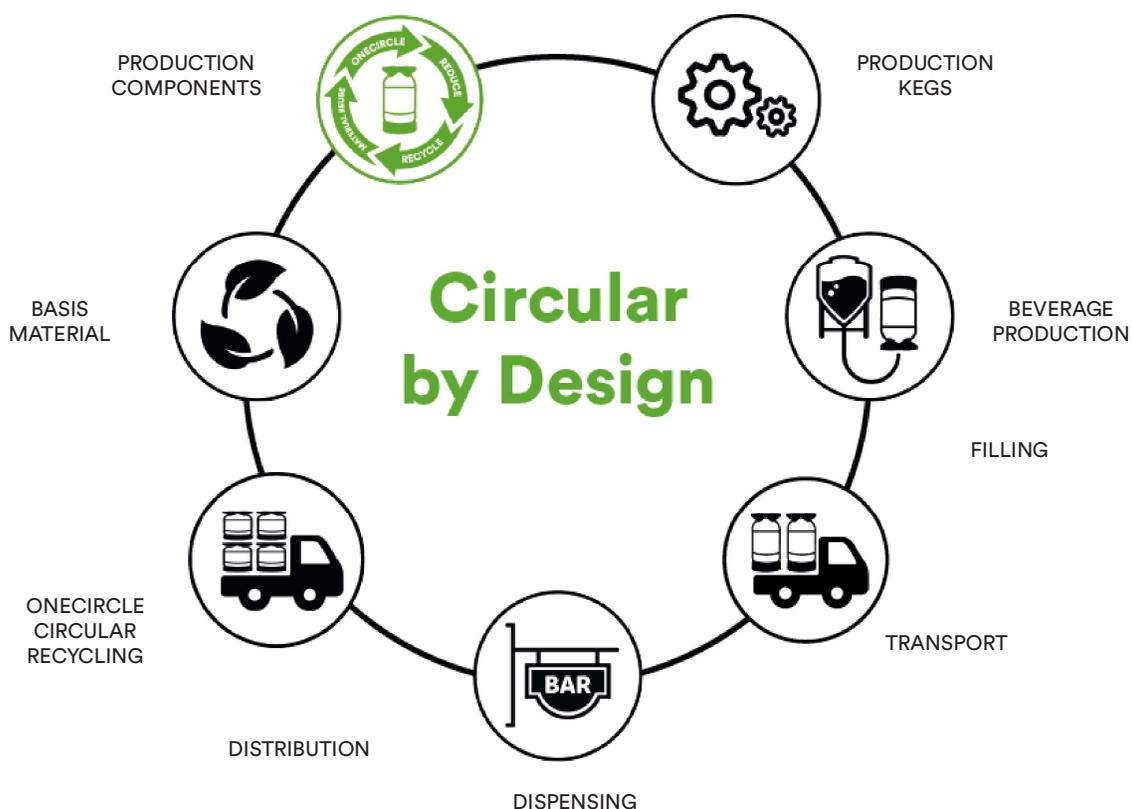
On our website you can find a worldwide network of a large number of KeyKeg and UniKeg users. An extensive marketplace where users can find each other. The perfect start to expand your markets. Together we build a community where suppliers and customers who use KeyKeg and UniKeg can easily do business!

## Circular Economy

We are aware of the questions in the market about the use of plastic as packaging. Several studies have concluded that plastics are more sustainable than the alternatives in terms of energy consumption, water consumption, CO2 emissions and more. That is why we take into account the possibilities after use in the design phase of the products and reuse the materials in the next packaging.

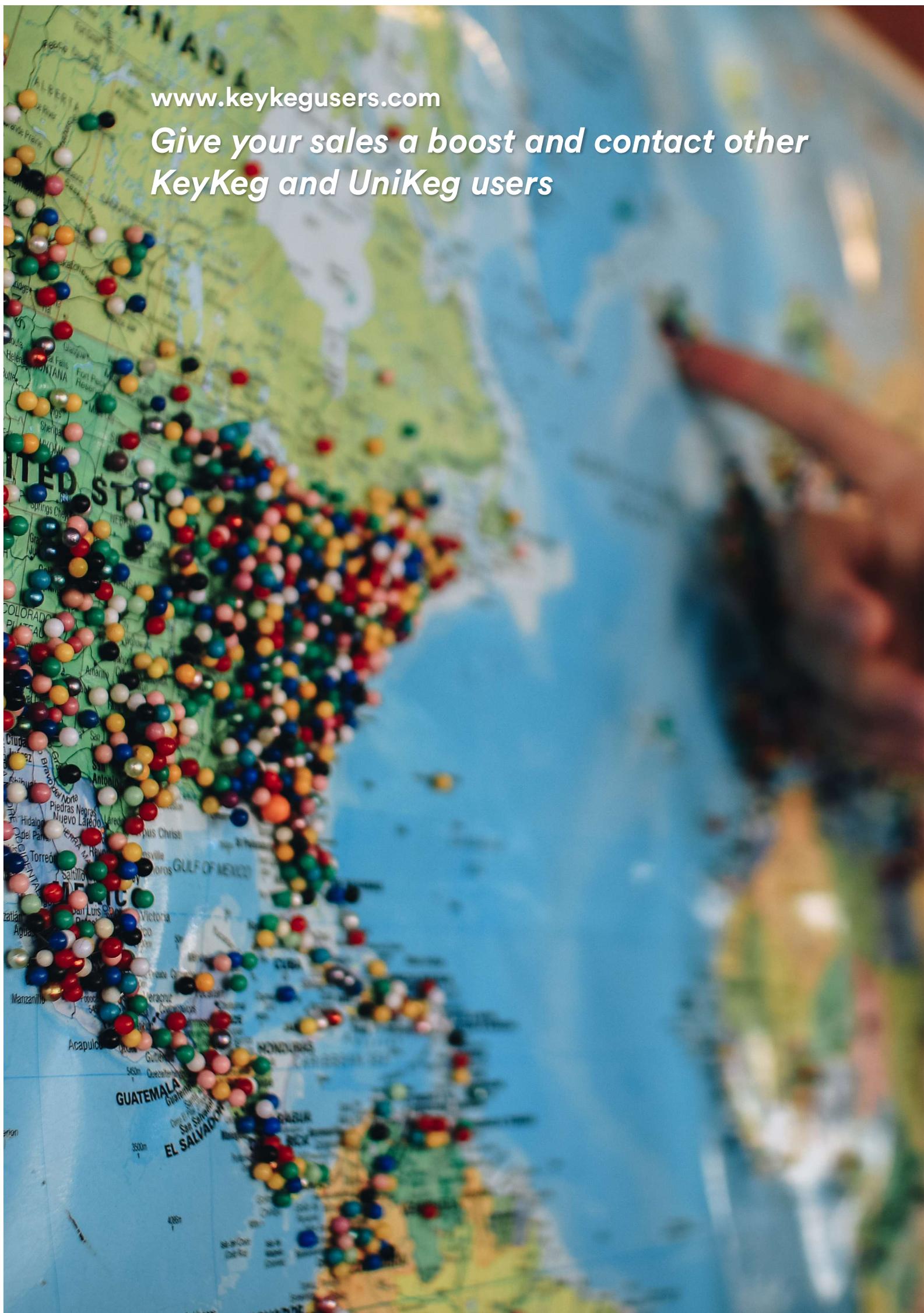
KeyKeg and UniKeg are the only kegs designed with circularity in mind. We feel responsible for our product after use. In cooperation with the supply chain and in addition to the existing waste streams, we are building a growing collection community. Our goal is to make new kegs using the material of used KeyKegs and UniKegs. There are currently successful collection and recycling projects in various countries with the aim of extending this to a global network, in addition to the existing waste processing network.

Awareness and the ability to actively contribute to a world without disposable plastics helps the OneCircle community grow. Our activities around the responsibility to the end of life of our products is constantly evolving. Here we work closely with innovations in other materials and associated companies.



[www.keykegusers.com](http://www.keykegusers.com)

*Give your sales a boost and contact other  
KeyKeg and UniKeg users*





# KeyKeg

You're proud of the beverage you've produced and by using KeyKeg you entrust your drinks to the most innovative, safe and durable lightweight packaging in the world. KeyKeg is revolutionising the industry by offering premium protection for beverages such as beer, wine, cocktails, kombucha and more. KeyKeg ensures that your beverage reaches consumers all over the world as fresh as on the day you produced it.

Each KeyKeg undergoes a series of tests in the production process including a pressure test of more than 6 bar. Bag-in-keg technology keeps the drink separate from the propellant. KeyKegs can be tapped with air instead of CO2 which saves costs on-trade. The unique fitting, pressure relief valve and double wall technology guarantee quality and safety under the toughest physical and climatic conditions. The inner container and the outer wall of a KeyKeg are made of single source PET. High quality material that can be reused indefinitely.

The KeyKegs are continuously tested internally by our Quality Assurance team and externally by third parties and where possible further developed.

The filling of the KeyKegs can be done in various ways from manual, semi-automatic and fully automatic, to filling on existing lines for steel barrels. The light weight and stackability make the keg user-friendly in the entire chain. In addition the KeyKegs can be provided with a personal branding to maximise your promotional exposure.

Besides the light weight and the ability to tap with air, a KeyKeg offers the best possible protection for your beverages. The beverage in a KeyKeg can be kept just as long as in a steel keg and longer than in single-walled kegs. Your beverage will keep its quality for a few more weeks because the propellant will not come into contact with the beverage in the laminated inner bag.







# UniKeg

With UniKeg we have developed the ideal combination of price and quality. The way to experience the many advantages of a lightweight alternative. A UniKeg is equipped with the same Double Wall technology as KeyKeg, with spear and traditional fittings [S & D]. This makes the UniKeg compatible with the filling and tapping technique of conventional steel barrels.

The outer wall of the UniKeg is made of single source PET. UniKeg's inner container is equipped with scavengers to protect the quality of your drink by keeping oxygen out while maintaining carbonation. Like KeyKeg, UniKeg undergoes a series of tests on the production line to ensure quality and safety.

UniKegs can be filled with a variety of filling methods from manual filling, semi-automatic and fully automatic to filling on existing steel keg lines. The light weight and stackability make the barrel easy to use in the entire chain. In addition, UniKegs can also be provided with a branding to maximise your promotional exposure.

With a UniKeg you choose a very safe and reliable lightweight container in which you can send your beverages to your customers without worries. Each UniKeg is equipped with a Sankey D, S fitting as standard.

# Advantages



KeyKeg®



UniKeg®

Bag-in-Keg technology™	✓	
Empty until almost the last drop	✓	
Dispensing with air	✓	
Unique, global KeyKeg fitting	✓	
100% recyclable for other or similar applications	✓	✓
86% recyclable (ISO 18604 standard) & 45% circular material	✓	
65% recyclable (ISO 18604 standard) & 45% circular material		✓
Circular design	✓	✓
Double Wall technology™	✓	✓
Up to 65% lower costs per transport	✓	✓
Up to 30% more transported volume per truckload	✓	✓
Lightweight - ease of use	✓	✓
No deposit - no complex and costly return flows	✓	✓
Perfectly stackable	✓	✓
Complete branding in corporate identity	✓	✓
Access to new (export) markets	✓	✓
No chemical cleaning required	✓	✓
Fixed breakage point - safe	✓	✓
Pre-pressurised	✓	✓
Dispensing with CO <sub>2</sub>	✓	✓
Traditional dispensing technique - spear		✓
Preflushed		✓



MAX dispense pressure  
4.1 BAR / 60 PSI  
MAX working pressure  
6.0 BAR / 87 PSI



**10L**  
KeyKeg



**20L**  
KeyKeg



**30L**  
KeyKeg



**20L**  
UniKeg



**30L**  
UniKeg

Cycle	single use			single use	
Pre-pressure	2.2 bar (±0.3 bar) (32 psi)			1.4 bar (±0.3 bar) (32 psi)	
Filling	upside down			upside down or straight up	
Connection	KeyKeg			S, D and A	
Fill before	< 24 months after production			< 12 months after production	
Volume*	~10 ltr ~(2.64 gal US)	~20 ltr ~(5.28 gal US)	~30 ltr ~(7.93 gal US)	~20 ltr ~(5.28 gal US)	~30 ltr ~(7.93 gal US)
Diameter	240 mm (9.45")	240 mm (9.45")	300 mm (11.81")	240 mm (9.45")	300 mm (11.81")
Height KeyKeg	330 mm (13")	572 mm (22.52")	572 mm (22.52")		
Height UniKeg S and D				572 mm/ (2.52")	572 mm/ (2.52")
Height UniKeg A				587 mm/ (23.11")	587 mm/ (23.11")
Weight	~1.0 kg (~2.2 lbs US)	~1.2 kg (~2.6 lbs US)	~1.5 kg (~3.30 lbs US)	~1.0 kg (~2.2 lbs US)	~1.3 kg (~3.86 lbs US)
Shelf life/Barrier properties <i>Migration per 6 months at 20°C</i>				Shelf life	
O <sub>2</sub> pick-up	<0,3 mg/l (ppm)	<0,3 mg/l (ppm)	<0,2 mg/l (ppm)	Empty UniKeg: Depending on storage conditions, on average 9 months.	
CO <sub>2</sub> loss	< 7%	< 7%	< 5%	Filled UniKeg: Depending on filled product and storage conditions.	
Resulting in a shelf life equal or even better than stainless steel kegs					
Temperature range	0-40°C / 32-104°F			0-40°C / 32-104°F	
Max. dispense pressure	4.1 bar (60 psi)			4.1 bar (60 psi)	
Max. working pressure	6 bar (87 psi)			6 bar (87psi)	



**100% recyclable** | for other or similar applications

**86% recyclable • KeyKeg** | in compliance with the ISO 18604 standard

**65% recyclable • UniKeg** | in compliance with the ISO 18604 standard

**45% circular material** | used in the production of our new product



Join the OneCircle community



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