



News Release (2022.8.31)

Toyo Seikan realizes the World's First
100% Recycled Aluminum Beverage Can^{*1}
-Developed in collaboration with value chain companies, this 100%
recycled aluminum can reduces CO² emissions by 60%-



Tokyo, JAPAN (August 31, 2022) – Toyo Seikan Group Holdings, Ltd. ("Toyo Seikan Group") announces to supply cans and lids made by 100% recycled aluminum^{*2} for Suntory's "The Premium Malt's CO₂ Reduction Can" and "The Premium Malt's <Kaoru> Ale CO₂ Reduction Can" which will be available in stores nationwide in Japan from Tuesday, September 6th in a limited amount.

Toward the realization of a decarbonized and sustainable society, this first of its kind 100% recycled aluminum can^{*2} was jointly developed by Suntory Spirits Ltd. And UACJ Corporation and emits 60% less CO₂ compared to when creating a regular aluminum can^{*3}.

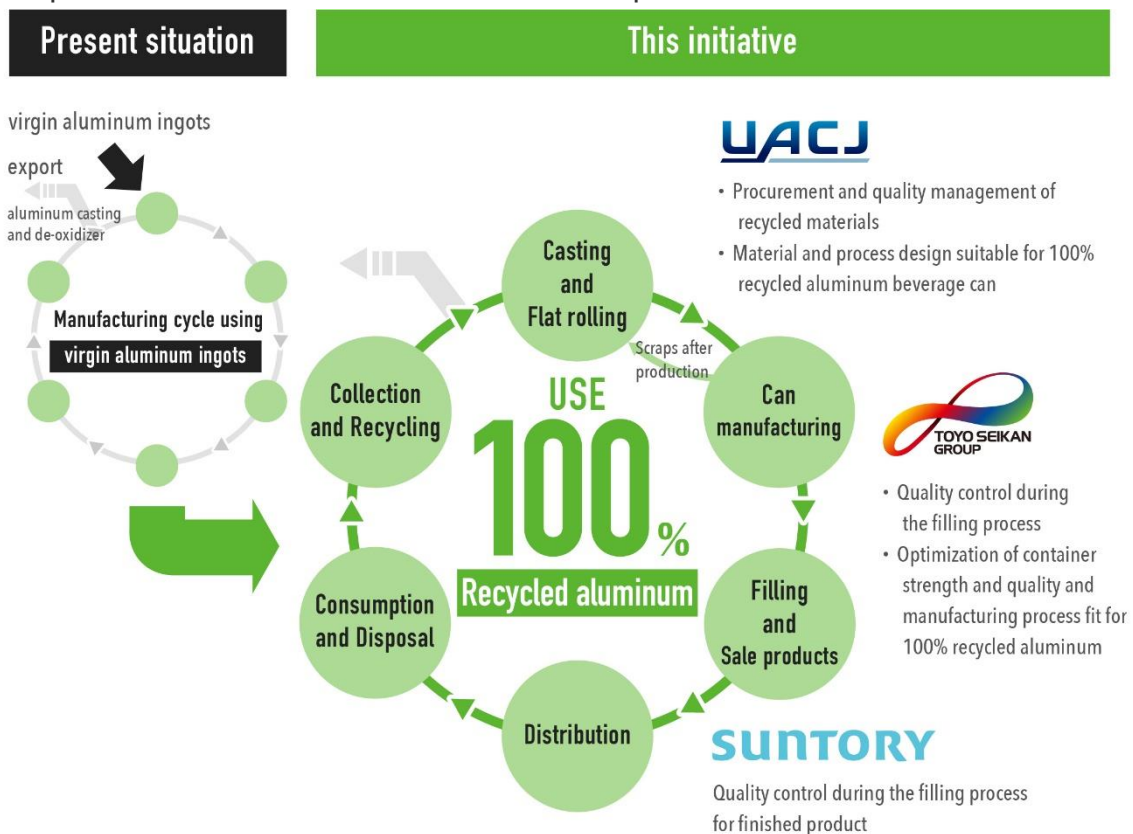
*1 First as a commercialized SOT (Stay On Tabs) can which uses only recycled aluminum derived from canned materials (based on research by Toyo Seikan Group and UACJ, as of July 2022)

*2 100% recycled raw materials derived from can materials by blending used aluminum cans and scraps generated in the aluminum can manufacturing process.

*3 350ml beverage aluminum can produced by Toyo Seikan using UACJ aluminum material

(Reference) Significance of this initiative

We achieved 100% "CAN to CAN" horizontal recycling of aluminum cans in Japan in collaboration with value chain companies.



1. Background of this initiative

Aluminum beverage cans in Japan have a high recycling rate of 96%, and "horizontal recycling," in which cans are recycled to can, is well established. The latest estimates of the total recycled aluminum content in can bodies and lids is less than 60%^{*4}, and new virgin aluminum is still used mainly for lids. This is mainly due to the fact that new aluminum has been used to ensure certain qualities, such as material workability and lid strength.

Reducing CO₂ emissions has become a social issue due to climate change, and containers are required to reduce such emissions. With regard to environmental measures for aluminum cans, we have been promoting the reduction of CO₂ emissions mainly through weight reduction, and the

most effective way to accelerate the reduction is to increase the use of recycled aluminum. CO₂ emissions during the production of recycled aluminum ingots are approximately 3% of those of new ingots^{*5}, which has the effect of dramatically reducing emissions.

Toyo Seikan Group aims to mass-produce beverage cans (including lids) made of 100% recycled aluminum in the future in order to further enhance the environmental advantages of aluminum cans.

*4 Estimated by Toyo Seikan Group

*5 Amount of CO₂ emitted to produce 1kg of aluminum

(unit: kg- CO₂)(Source: "Summary of LCI Data for New Aluminum Ingots and Recycled Ingots for Producers," Japan Aluminum Association)

2. Significance of this initiative

This initiative was positioned as a trial for the future supply of "beverage cans made of 100% recycled aluminum" and aimed to identify issues and gain knowledge on production and quality assurance.

As mentioned above, the use of recycled aluminum for lids is a technological hurdle, but the Toyo Seikan Group was able to commercialize the world's first SOT (stay-on tab) can made of 100% recycled aluminum by applying the production technology and quality control it has cultivated up so far.

We will promote efforts to mass-produce and supply "beverage cans made of 100% recycled aluminum" and contribute to the realization of a sustainable society.

3. Toyo Seikan Group's Long-term Management Vision and Medium- to Long-term Management Targets

In May 2021, the Toyo Seikan Group formulated a new long-term management vision toward the year 2050, the Long-Term Management Vision 2050 "The Future, Wrapped for All," in order to think about the society and the global environment from a long-term perspective to maximize the value the Group offers to all its stakeholders. The new long-term vision has set a goal as to what we aim and want to be: a "daily living platform" for people all over the world to live safe, secure and fulfilling lives. We will promote our business activities to aim for a society that accepts differences and diversity to allow individual people to value their own lives and a society that continues to allow people to live happily into the future without harming the environment.

In order to contribute to the realization of a sustainable society, we have set "Mid- to Long-Term Management Goals 2030," which are quantitative and qualitative management goals for 2030, and are promoting activities aimed at achieving carbon neutrality in 2050, and thus we have participated in this initiative. By bringing together and utilizing the technologies that Toyo Seikan Group has developed over the years, we will fulfill our role as a member of the value chain and contribute to the realization of a sustainable society.

About Toyo Seikan Group Holdings, Ltd.

Toyo Seikan Group Holdings, Ltd. is a world-class comprehensive packaging manufacturer, delivering a variety of packaging containers using materials such as metal, plastic, paper, and glass. In the Long-Term Management Vision 2050, "The Future, Wrapped for All," they set the goal to go beyond our traditional field of packaging, aiming to become a corporate group that creates new value that changes society. Founded in 1917, Toyo Seikan Group Holdings, Ltd. does business on a global scale, with 46 group companies in Japan and 50 overseas and currently employs a multinational workforce of 19,000 people. For more information, please visit <https://www.tskg-hd.com/en>