

RioTinto

RenewAl™
 A cleaner start to
 your product lifecycle:
 Low CO₂ Aluminium



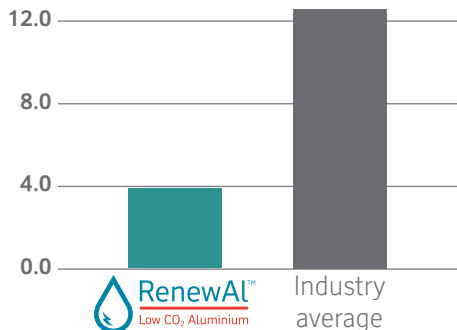
RenewAl™ is a comprehensive package that includes:

3 times







lower CO₂
 footprint
 with RenewAl™

Certified CO₂ content
4tCO₂/tAl or below

Tonnes of CO₂ emitted per tonne of
 aluminium produced (Scope 1&2)



Customised services

-  **Certification** Third-party certified CO₂ emissions (Scope 1&2)
-  **Technical expertise** Assistance in leveraging low CO₂ aluminium
-  **Traceability** Product tracked from mine to metal
-  **CO₂ reduction strategies** Support to optimise your low CO₂ sources
-  **Life cycle analysis** Contribution to specific calculation on lifecycle
-  **Co-branding** Unique partnerships with RenewAl™

Recycling is not enough, RenewAl™ is a cleaner start to the product lifecycle

4 tCO₂/tAl

We start with a 4tCO₂/tAl primary base compared to the industry average of 12.2t CO₂/tAl



	4	+	0.6*	+	0.6*	=	5.2tCO ₂ /tAl
Industry average	12.2	+	0.6*	+	0.6*	=	13.4tCO ₂ /tAl

Aluminium made with recycled material takes only 5% of the energy to produce, however the primary base impacts in CO₂ footprint. For example, after recycling an automobile twice, the tCO₂/tAl is 5.2, compared to the industry average of 13.4 CO₂/tAl. That's three times lower with RenewAl™.

*At every recycle process the CO₂ footprint is 0.6, calculated from 0.4 transformation + 0.2 transportation.

RenewAl™ is available wherever you are

2 million tonnes

We deliver 2 million tonnes global production from RenewAl™ sites



Our advanced AP Technology™ and largely carbon free energy lie at the heart of RenewAl™, the industry's first low CO₂ primary aluminium.

For more information, contact us at salesinfo@riotinto.com

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