

Contributing on a Global Scale with Furukawa Electric Group's Infrastructure Business and Green Products

Furukawa Electric contributes to global society by leveraging the technological strengths it has developed over many years, making its environmental efforts, and by providing a lineup of unique products in such regions as Japan, Europe, the USA, and Asia.

The United Kingdom

The recycled plastic cable trough: Green Trough®

Green Trough is a cable trough made from recycled plastic made mostly from waste plastic. At only around 1/4th the weight of concrete products, Green Trough can help reduce work/construction periods. It offers excellent resistance to weather and corrosion. Recently, Green Trough was officially selected for a railway improvement project in the United Kingdom—the birthplace of commercial railway. The product continues to attract attention even from outside of Japan as a green product that can help contribute to a recycle-based society.



Green Trough



Production plant
Hiratsuka Works

Vietnam

Aluminum wire harnesses

The use of aluminum wire harnesses has been attracting attention as manufacturers continue to make automobiles lighter—and due to the recent depletion and increasing costs of copper resources. Furukawa Electric Group has successfully developed the "α Terminal Series" of terminals, which offer the corrosion resistance that is so crucial to switching over to aluminum wire harnesses.

Russia

Expanded production of optical fiber cables

OFS Russia (Voronezh, Russian Federation) will double its production capacity for optical fiber cables in order to provide products within Russia and to strong European markets.



Production plant OFS Russia

Canada

OPGW (optical ground wire)

In recognition of the high quality of Furukawa Electric OPGW products, over 1,000 km of such wire was installed as part of a power transmission project between a hydroelectric plant and substation located amid cold environment conditions in the Newfoundland and Labrador Province in Canada. Furukawa Electric Group will continue to seek and meet power transmission infrastructure improvement demands.



OPGW



Production plant

Suzhou Furukawa Power Optic Cable Co., Ltd.

USA

URD cable (underground distribution cable)

Furukawa Electric Group ships 35 kV URD cable from its production site in China in response to the healthy demand for renewable energy projects in the USA. Since beginning in 2013, a cumulative total of over 2,800 km has been shipped.



URD cable



Production plant

Shenyang Furukawa Cable Co., Ltd.

Peru

OPGW (optical ground wire)

As investment in power infrastructures grows steadily in developing countries in Asia, Africa, and Latin America, Furukawa Electric Group has provided 980 km of OPGW (along with accessories) in the 500 kV power line segment. The advanced technological strength of the Furukawa Electric Group is highly regarded due to its ability to support routes even in severe conditions—such as the steep terrain found in Peru.



OPGW



Production plant

Suzhou Furukawa Power Optic Cable Co., Ltd.



Aluminum wire harnesses



Production plant

Furukawa Automotive Parts (Vietnam) Inc.