

Global Metals in Electric Vehicle Charging Infrastructure Market Size study, by Metals (Copper, Steel, Aluminum and Others), by Charging Port (Level 1, Level 2 and DC Fast Charger (Level 3)), by End-Use (Commercial and Private) and Regional Forecasts 2022-2028

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Abstracts

Global Metals in Electric Vehicle Charging Infrastructure Market is valued at approximately USD 1.09 Billion in 2021 and is anticipated to grow with a healthy growth rate of more than 28.2% over the forecast period 2022-2028. Metals in Electric Vehicle Charging Infrastructure is regarded as an essential requirement for electrification and the growing popularity of EV charging infrastructure. The rise in demand for electricity for EV charging to provide affordable current flow has led to the adoption of Metals in Electric Vehicle Charging Infrastructure across the forecast period. According to the International Energy Agency, global electricity demand by cars grew constantly from 7409 Gwh in 2018 to 15,586 Gwh in 2020. The other driving factor for the market growth is the rise in investment initiatives undertaken by government to expand fast-charging infrastructure. For instance, in November 2021, the Department of Natural Resources and Environmental Control of Delaware state of US announced to invest USD 1.4 million as grant funding to install electric vehicle DC fast-charging stations. Also, in November 2021, IONITY announced to invest around USD 788.92 million to expand fast-charging stations by 2025. Also, technological advancements for fast-charging networks and growth in the production of electric vehicles are the factors expected towards market growth over the forecast period. However, high initial cost along with maintenance cost regarding the charging station infrastructure impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Metals in Electric Vehicle Charging Infrastructure market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. Asia-Pacific is the dominating region across the world in terms of market share and is also anticipated to exhibit highest growth rate over the forecast period 2022-2028 owing to the growing demand for EVs, favorable government initiatives related to charging station and increasing investments from multinational private companies.

Major market players included in this report are:

Alcoa Corporation

CODELCO

Emirates Global Aluminum (EGA)

First Quantum Minerals Ltd.

Glencore

JSW

KGHM

Norsk Hydro ASA

Rio Tinto

Rusal

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Metals:

Copper

Steel

Aluminum

Others

By Charging Port:

Level 1

Level 2

DC Fast Charger (Level 3)

By End Use:

Commercial

Private

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Metals In Electric Vehicle Charging Infrastructure Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers
Investment bankers
Investors

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