



# **USING API KEYS**

## **INTRODUCTION**

This document shows you how to activate the Postcode GPS lookup function when you are using CMS. It uses Google's Geocoding API Key. The API key is a unique identifier that authenticates requests associated with your project for usage and billing purposes. . In reality you have a huge amount of free usage for the APIs per month, so you will get billed zero each month. But if you don't have it set up, you cannot get a key

### **BEFORE YOU START**

Before you can start using the Geocoding API, you need a project with both a billing account and the Geocoding API enabled. To learn more, please refer to https://developers.google.com/maps/documentation/geocoding/cloud-setup

### **CREATING THE API**

- 1. Using a web browser, open the **Google Cloud platform** (URL is https:// console.cloud.google.com/getting-started )
- 2. Log in using your Google Account details



| = | Google Cloud Platform |         |                 | Q geocoding X     | ~ |
|---|-----------------------|---------|-----------------|-------------------|---|
| ? | Google Maps Platform  | Metrics | Geocoding API 👻 | MARKETPLACE       |   |
|   | Constant,             |         |                 | RPI Geocoding API |   |

- 3. Enter **geocoding** in the search bar
- 4. Select **Geocoding API** from the search results
- 5. Select Enable
- 6. The APSs & Services dashboard will now load. Select Credentials
- You will now be presented with a screen showing your existing keys. It's content will be blank (unlike this example screenshot below):



| =  | Google Cloud Platform | 🕯 TemplaCMS 👻  | ٩                    | Search products and resource | es           |  |  |
|--|-----------------------|--|----------------------|------------------------------|--------------|--|--|
| API  | APIs & Services       | Credentials  | + CREATE CREDENTIALS | DELETE                       |              |  |  |
| Dashboard Create credentials to access your enabled APIs. Learn more |                       |  |                      |                              |              |  |  |
| ш  | Library               | A Remember to configure the Qauth consent screen with information about your application |                      |                              |              |  |  |
| 0+   | Credentials           | -  |                      |                              |              |  |  |
| B  | OAuth consent screen  | API Keys   |                      |                              |              |  |  |
|  | Domain verification   | Name   | Creation date        | ↓ F                          | Restrictions |  |  |
| E0   | Page usage agreements | 🗖 🔺 API key  | Nov 1, 2018          | ,                            | lone         |  |  |

- 8. Create a **key**
- 9. Copy, and then paste the key into TCMS System Control

#### **FURTHER INFORMATION**

For further help, take a look at Google's "**Using API Keys**"<sup>1</sup> online help guide that walks you through how to create (as well as restrict, and use) your API Key. This can be found at https://developers.google.com/maps/documentation/geocoding/get-api-key

<sup>&</sup>lt;sup>1</sup> Google Developers. 2021. Using API Keys. [online] Available at: <a href="https://developers.google.com/maps/documentation/geocoding/get-api-keys">https://developers.google.com/maps/documentation/geocoding/get-api-keys</a> [Accessed 18 February 2021].