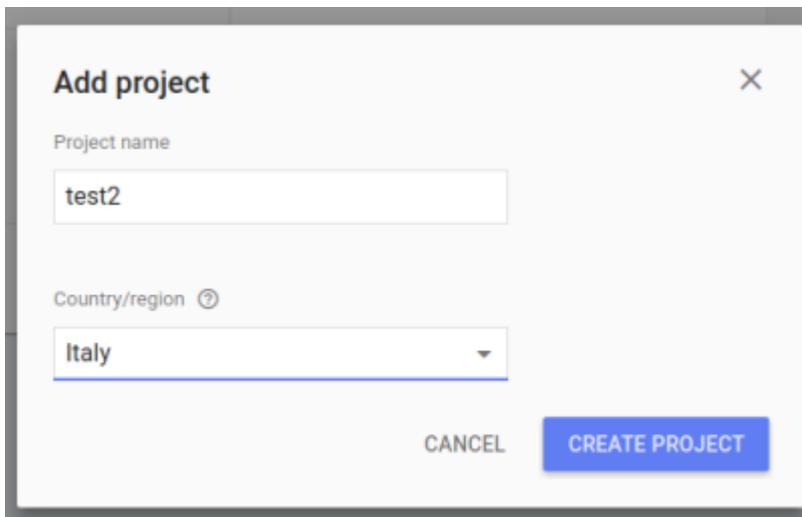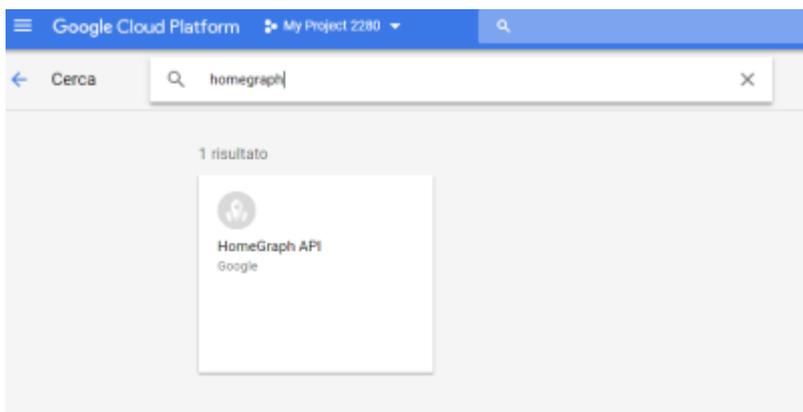# GOOGLE HOME
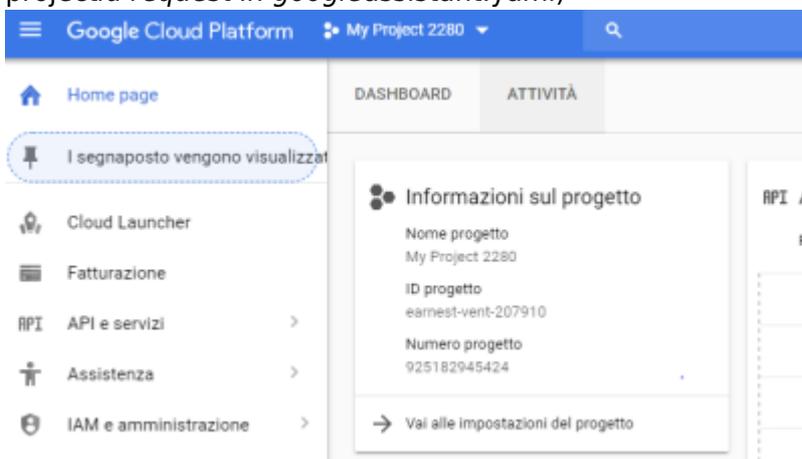
- Create a new project in the <https://console.cloud.google.com/home/dashboard> console
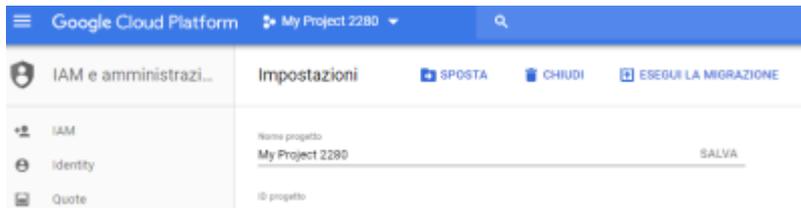 - Specify project name and country

- Now you get a new project to the cloud console. Here you get a new project_id.
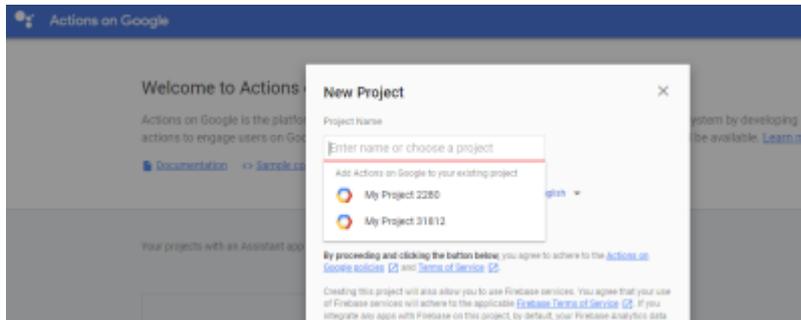- Enable HOMEGRAPH API to the new project.

- Generate a new API key (the same Api key of api*key: in google*assistant.yaml)
- IAM E amministrazione/impostazioni/ESEGUI LA MIGRAZIONE (By this, they share the same project*id request in google*assistant.yaml)

- Create a new project in the developer console.https://console.actions.google.com
    1. Add/Import project, give it a name (The same project created by the Google Cloud platform above)

- Click on Home Control card, select the Smart home recommendation
- Create an Action, under the build section. Add in your url: https://[YOUR HOME ASSISTANT URL:PORT]/api/google*assistant, replace the [YOUR HOME ASSISTANT URL:PORT] with the domain / ip address and the port your Home Assistant is reachable. If you have set api*password: add this password to the URL - eg https://[YOUR HOME ASSISTANT URL:PORT]/api/google*assistant?api*password=[YOUR API PASSWORD])
- Click Done. Then click on Overview, which will lead you back to the app details scr}}een.
    - Account linking is required for your app to interact with Home Assistant. Set this up under the Quick Setup section
    - Leave it at the default No, I only want to allow account creation on my website and select Next
    1. For the Linking type select OAuth and Implicit
    2. Client ID: The client*id from your Home Assistant configuration above - Authorization URL (replace with your actual URL): https://[YOUR HOME ASSISTANT URL:PORT]/api/google*assistant/auth. If you have set api*password: add this password to the URL https://[YOUR HOME ASSISTANT URL:PORT]/api/google*assistant/auth?api*password=[YOUR API PASSWORD]) - CONfigure your client. Add scopes for email and name. - Testing instructions: Enter anything. It doesn't matter since you won't submit this app.

        * Back on the overview page. Click Simulator under TEST - you don't have to actually test .
        * If you haven't already added the component configuration to configuration.yaml and restarted Home Assistant, you'll be unable to continue until you have. ==== google*assistant.yaml ====

<code> google*assistant: project*id: someproject-2d0b8 client*id: [long URL safe random string] access*token: [a different long URL safe random string] agent*user*id: [a string to identify user] api*key: [a Homegraph API Key generated for the Google Actions project] exposed*domains:

    - switch
    - light
    - group entity*config: switch.kitchen: name: Custom Name for Google Assistant aliases: -

*bright lights - entry lights light.living*room: expose: false room: living room </code>
- Reset Home Assistant and TEST ACTION

- Open the GOOGLE HOME APP and go into Settings > Home Control
- Click the + sign, and near the bottom, you should have [test] your app name. Selecting that should lead you the screen where you can set rooms for your devices or nicknames for your devices.
- If you want to allow other household users to control the devices:
    1. GO to the settings for the project you created in point 1 in the developer console. - UNder the gear icon, click Permissions
    2. Click Add, type the new user's e-mail address and choose Project → Editor role
    3. Have the new user go to developer console and repeat steps starting from point 4
    - Open the Google Assistant app and go into Settings > Home Control
    - Click the + sign, and near the bottom, you should have [test] your app name. Selecting that should lead you the screen where you can set rooms for your devices or nicknames for your devices.