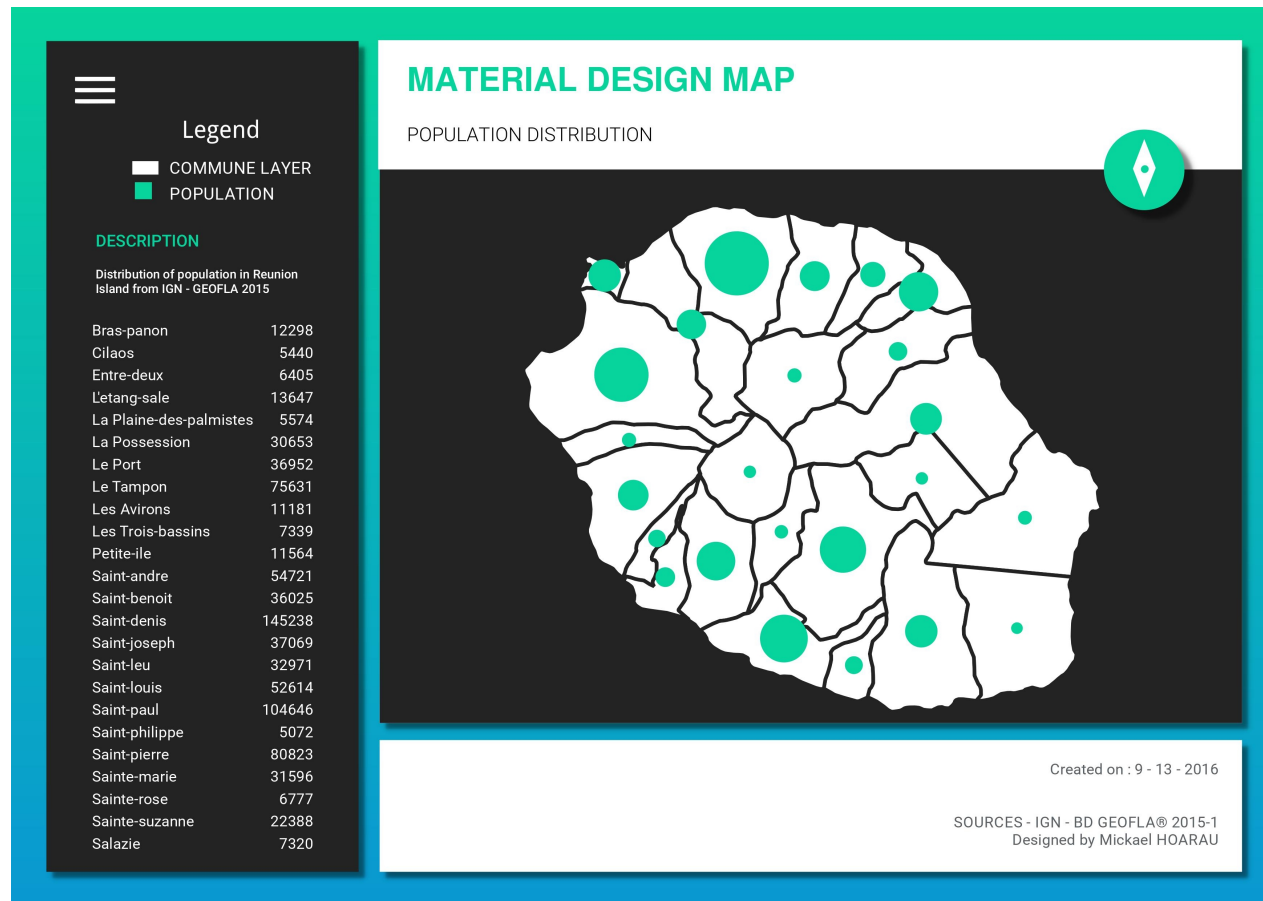


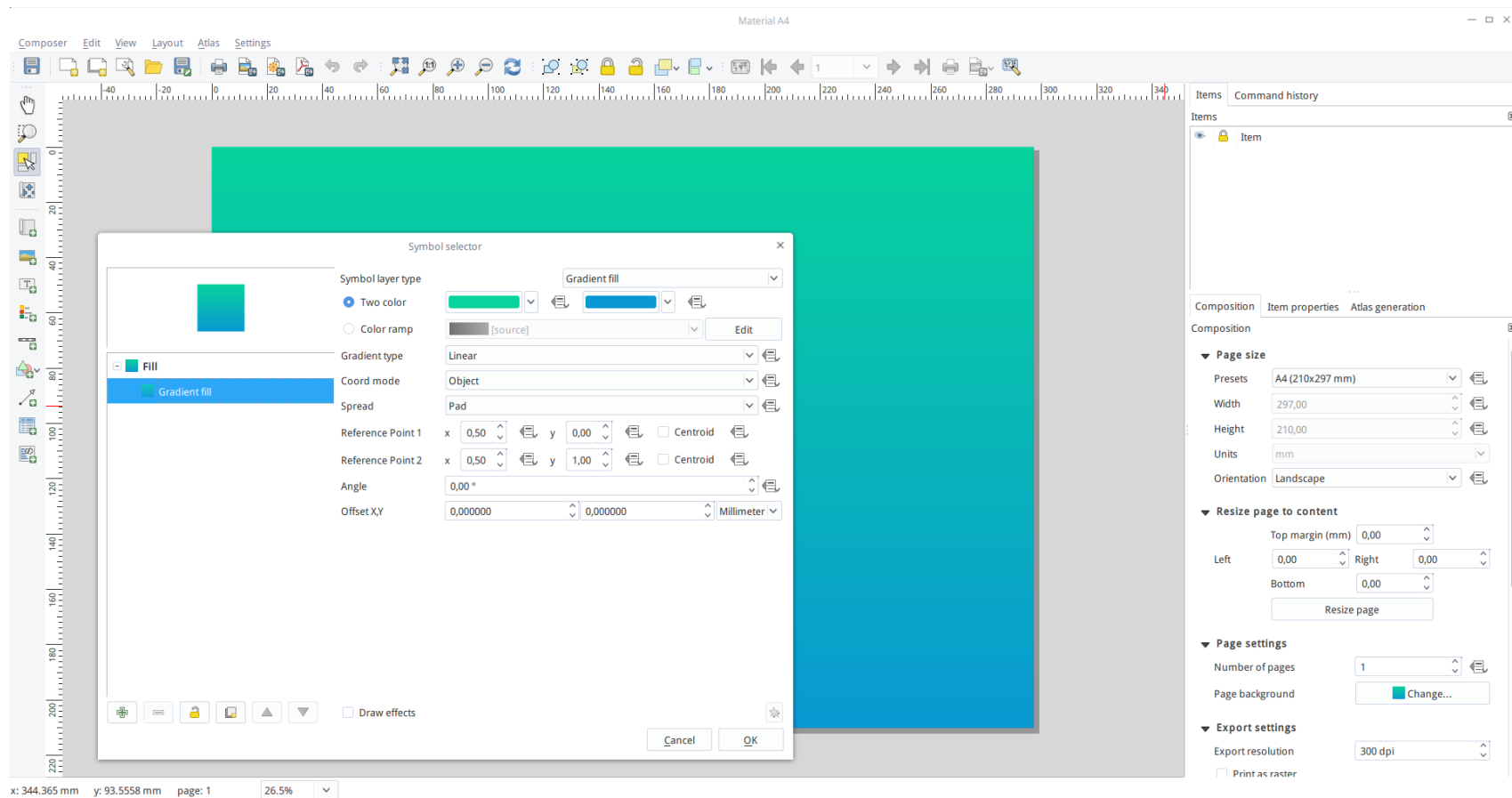
Material Desing Map

With Qgis Composer



Requierements :

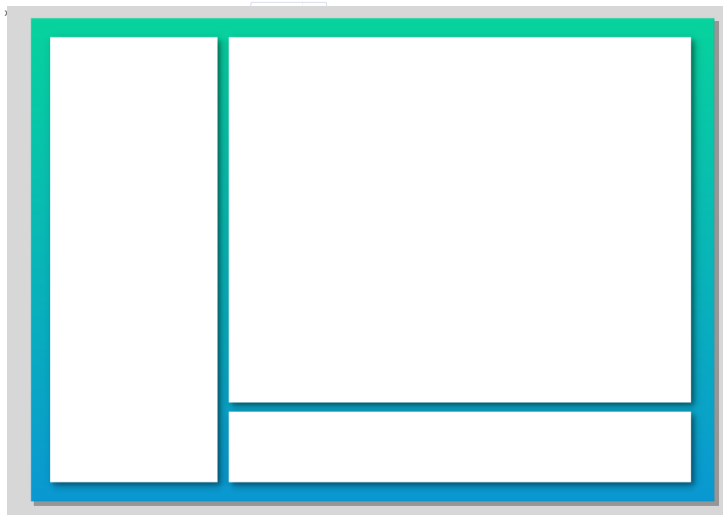
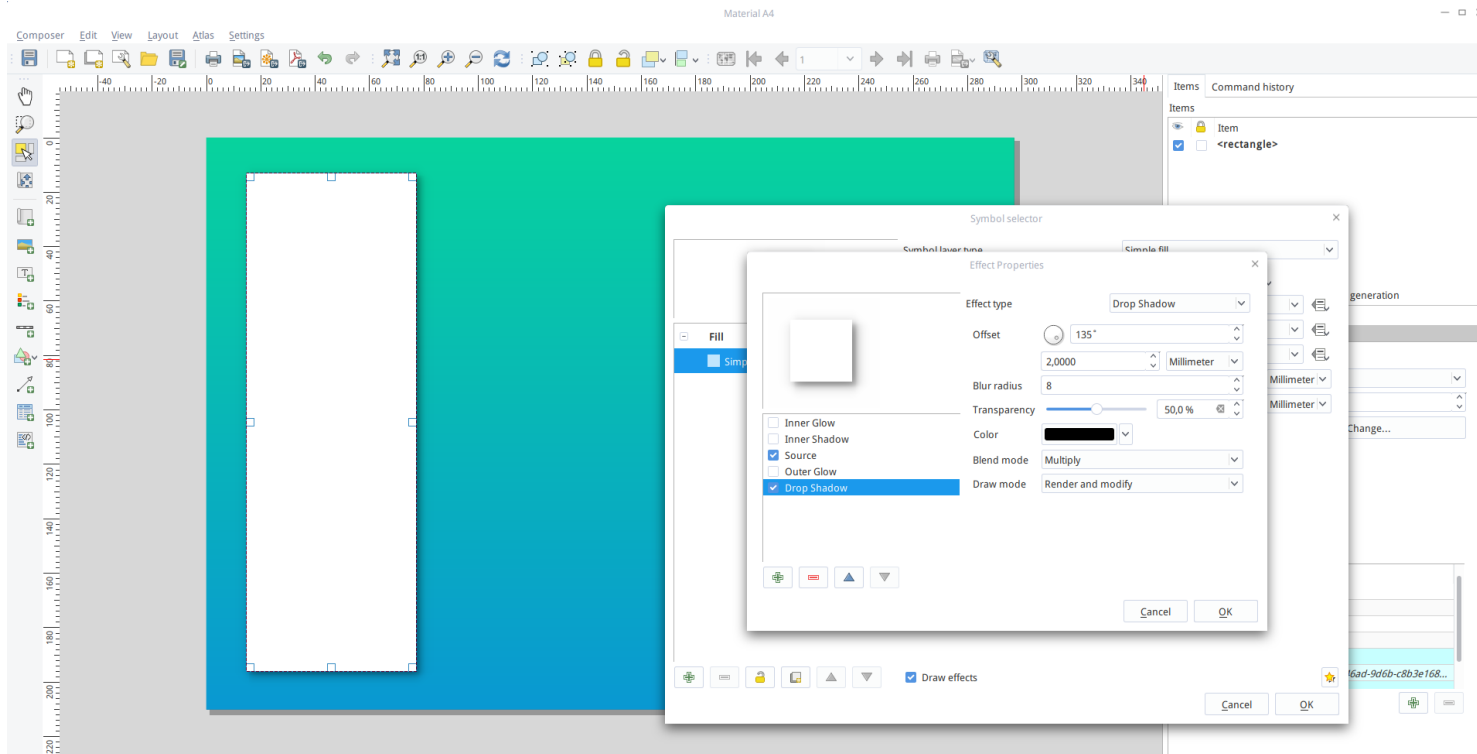
I recommand to use Google Fonts that you can find at <https://fonts.google.com/?query=roboto>



Add a gradient background

Change background color with gradient fill and use for example these colors :

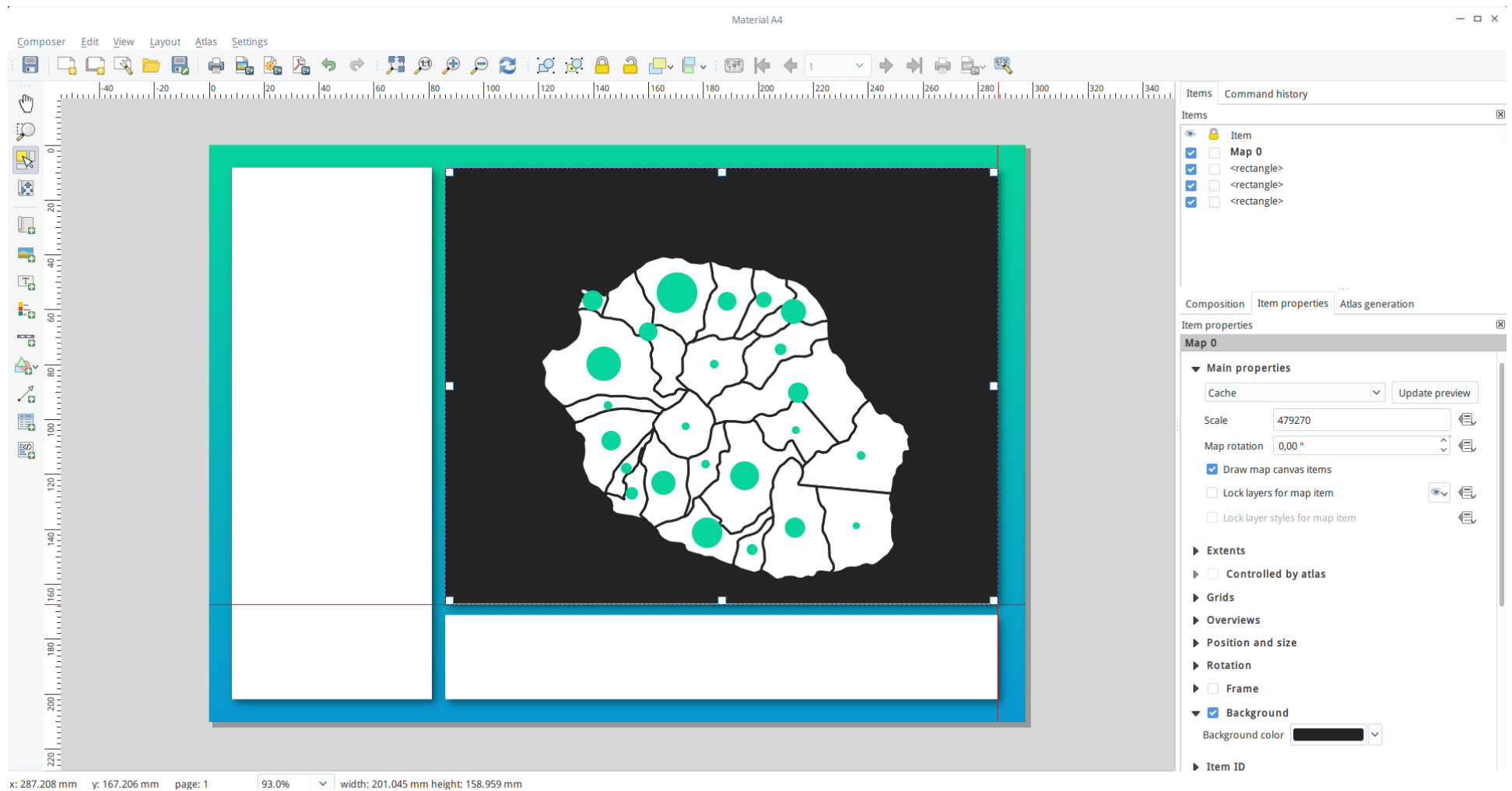
#07d39d 
#0998d2 



Add Material Design Cards

Create boxes with *add rectangle*, without border but draw effect :

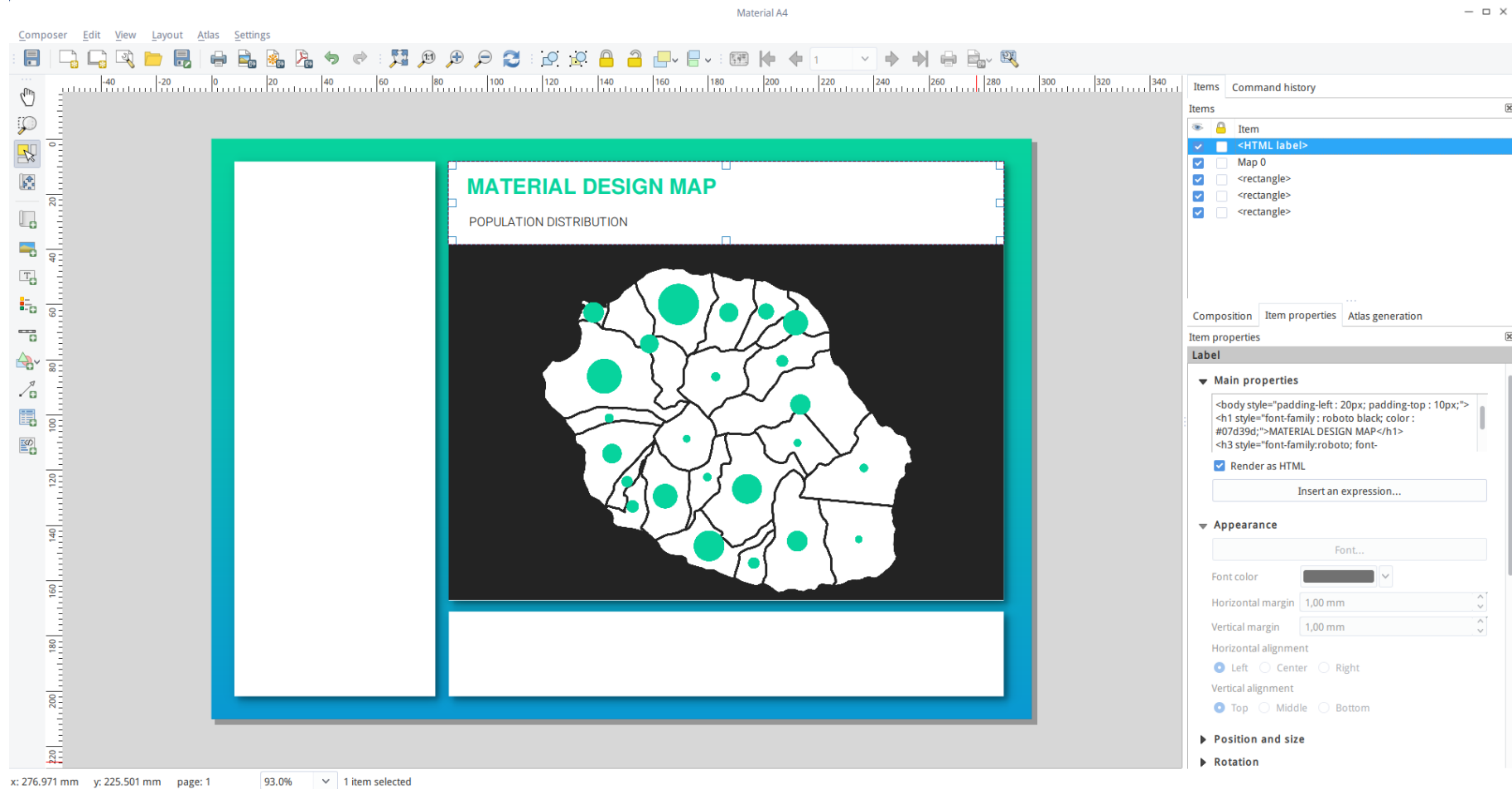
- Use drop shadow
- Offset 2 Millimeter
- Blur radius to 8
- Transparency to 50 %



Add a map into the map box

Add a map with *add new map* with the same size of the map box.

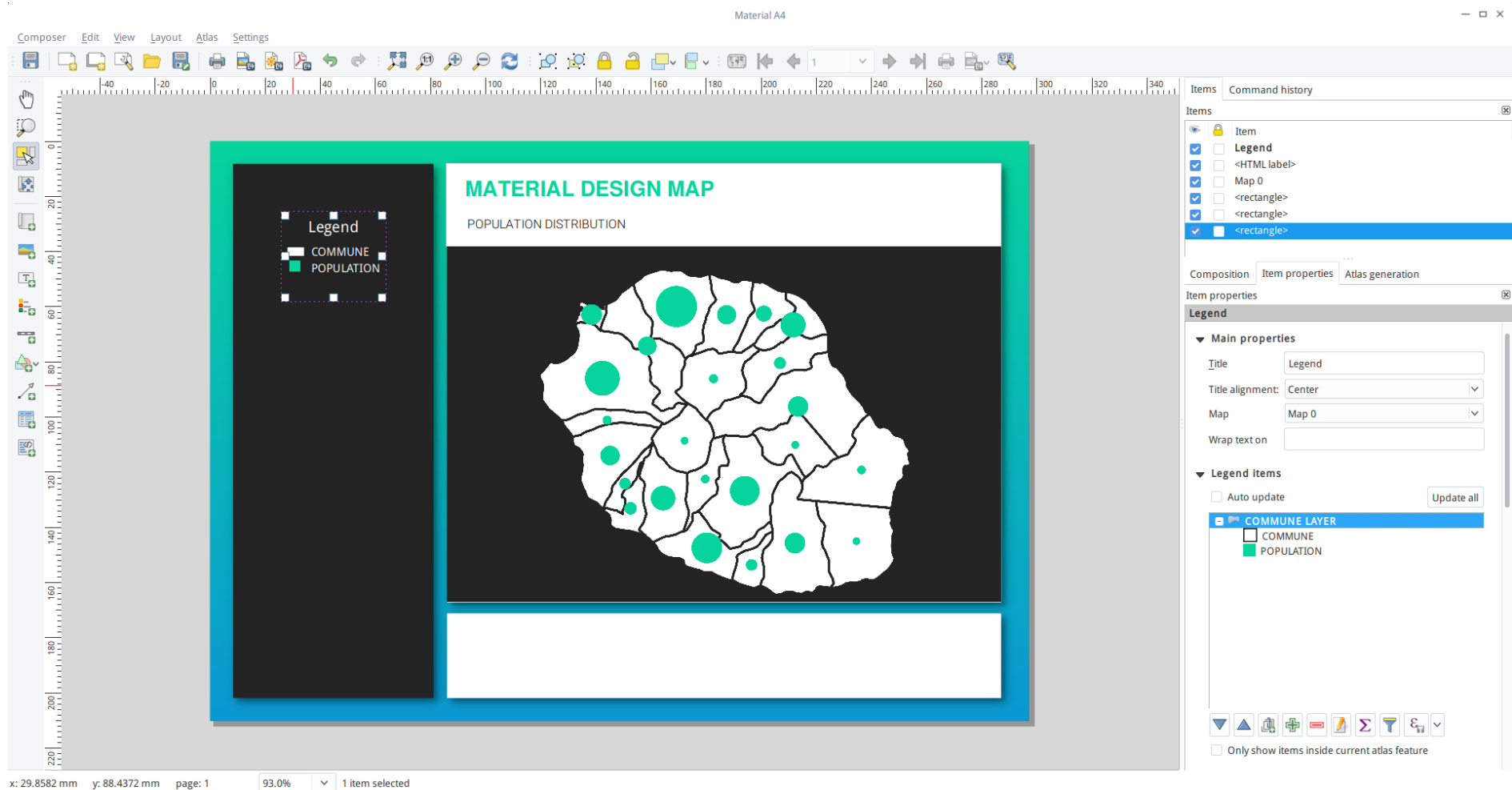
Then change map background if needed and set the map position correctly.



Add a title box

Add text with ***add new label***, set a white background and check ***Render as HTML*** then add this html code :

```
<body style="padding-left : 20px; padding-top : 10px;">
  <h1 style="font-family : roboto black; color : #07d39d;">MATERIAL DESIGN MAP</h1>
  <h3 style="font-family:roboto; font-weight:200;">POPULATION DISTRIBUTION</h3>
</body>
```



Set Menu / Legend box

Change the side box color fill and add the legend with **Add new legend**, remove background color from legend set the font color to white. (Hide layer name for this example)

Center title alignment and legend block

Add attribute table

Add attribute table with **Add new legend**, chose the appropriate layer.

In **attributes... button** :

- Let only used attributes
- In this example align first attribute to Middle left and second to Middle right
- Add sorting by attribute

Set **maximum rows** to correspond with your needs, set **Display header** to **No header**, remove background color and grid then set font color to white.

Center attribute table with side box.

Add a description block

Add a description block with **Add new label**, and add your text based on this code :

```
<p style="font-family : roboto; color : #07d39d; ">DESCRIPTION</p>
<p style="font-family:roboto; font-size: 12px; color : white;">Distribution of
population in Reunion Island from IGN - GEOFLA 2015</p>
```

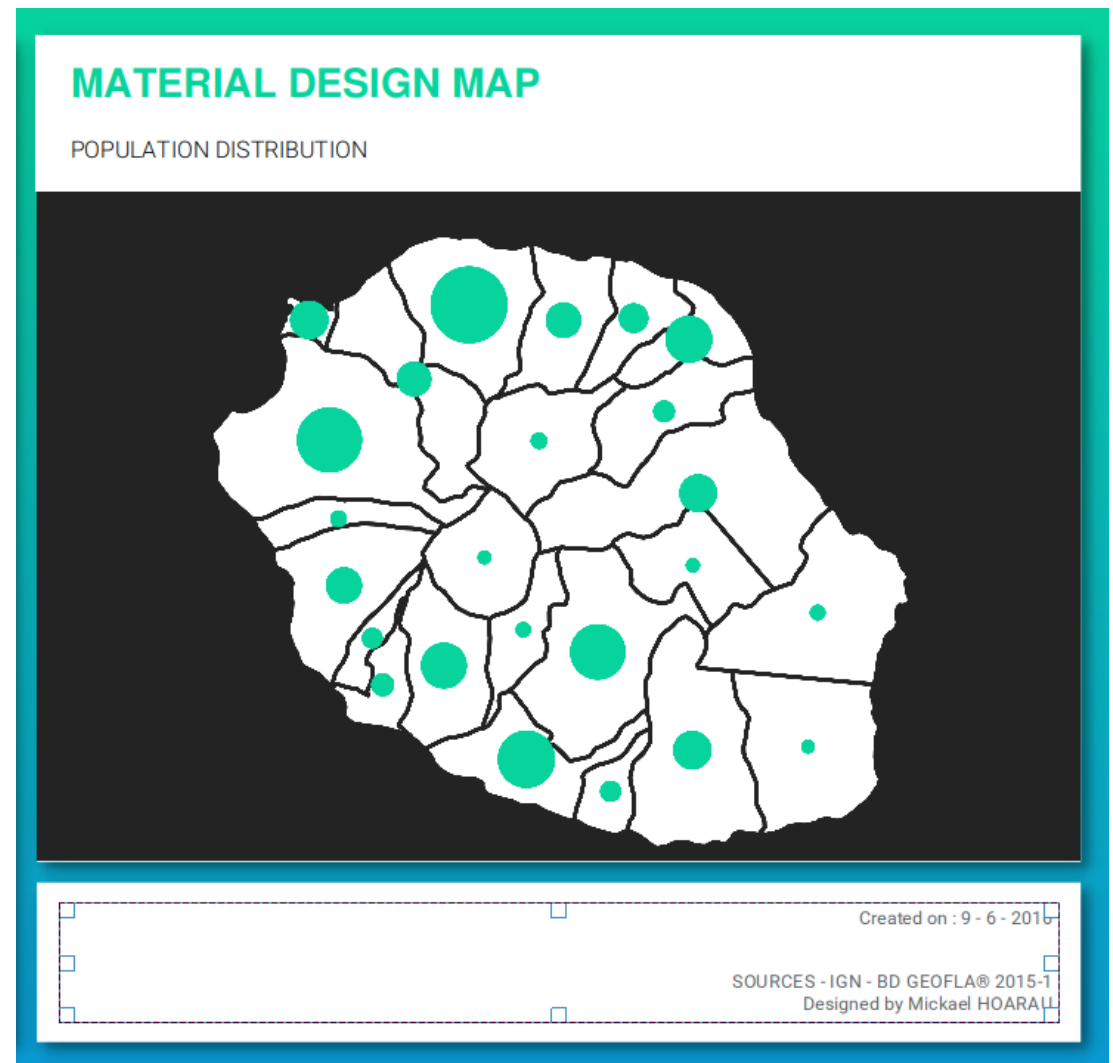


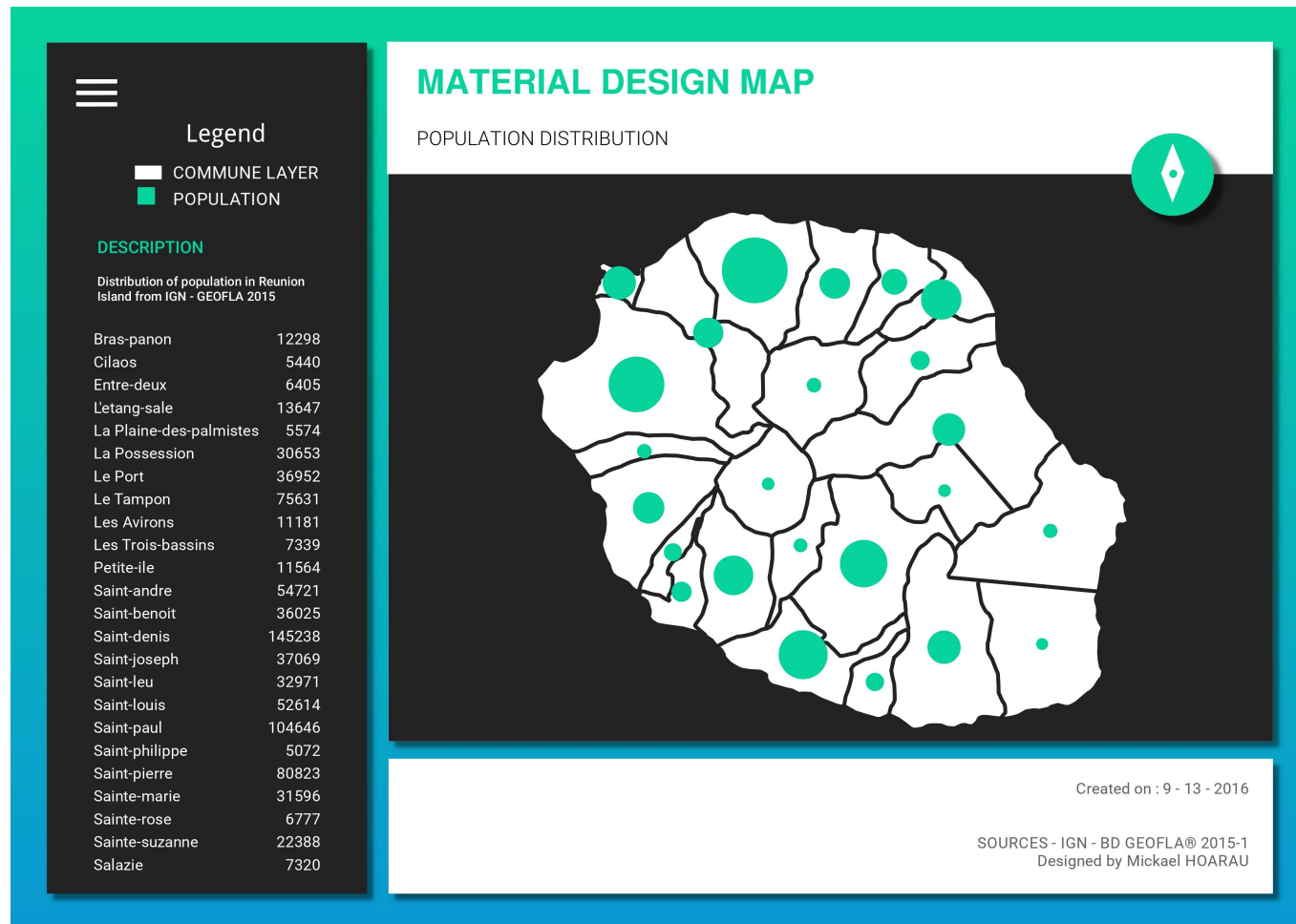
Add a Sources / Details block

Add a last block with **Add new label**, and add your text based for example on this code :

```
Created on : [% month( now() ) || '-' || day( now() ) ||  
'-' || year( now() ) %]
```

SOURCES – Your map details
Designed by Your Name





And last step, add icons for map decoration

Add an ellipse with add shape, set draw effect to drop shadow with :

- Offset to 3
- Radius to 10
- Transparency to 50 %

Add over circle an SVG icon of your choice for example compass add menu icon.

Well Done !

You've got a materialized map

*This tutorial is proudly created with open source softwares like Qgis, inkscape and LibreOffice.
Thanks to Anita Graser for her help and for her amazing book « Qgis Map Design ».*

*Mickael HOARAU
<https://twitter.com/Oneil974>*