

Safe and affordable housing

Safe and affordable housing improves the quality of life of residents by leading to better health, adequate jobs, financial stability, security, and population diversity. That is why that has to be one of the main focuses for Ecovillage Boekel.

Housing price and citizen's annual average salary

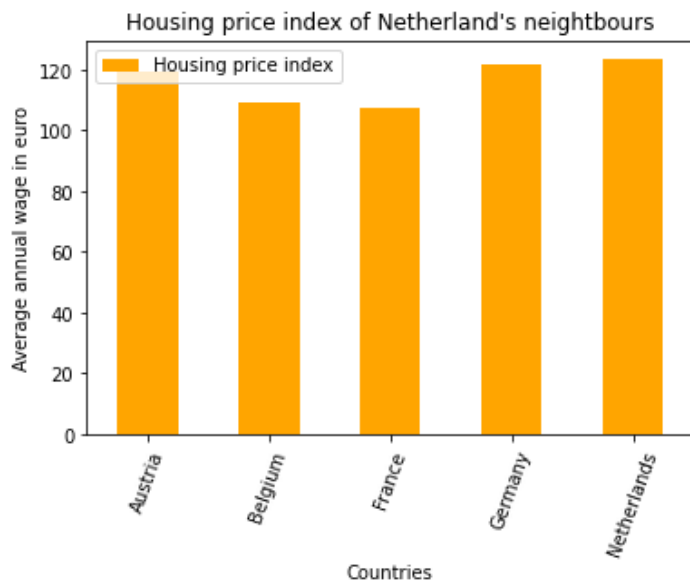
Affordable price is a critical and decisive factor. As Ecovillage Boekel is moving towards sustainability, it is important for them to have reasonable prices in the region.

After gathering some data on the houses rent prices in the Netherlands, I noticed that for past 5 years it has been increasing every year.

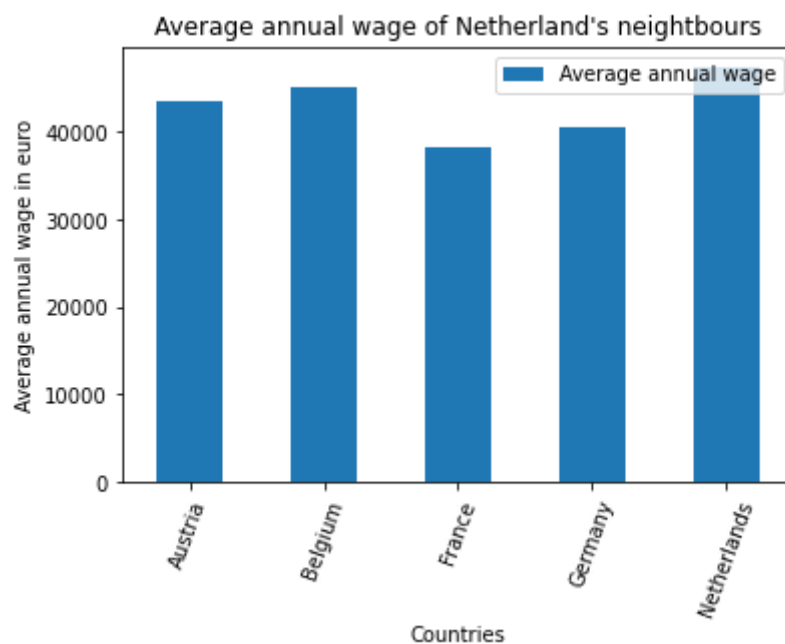


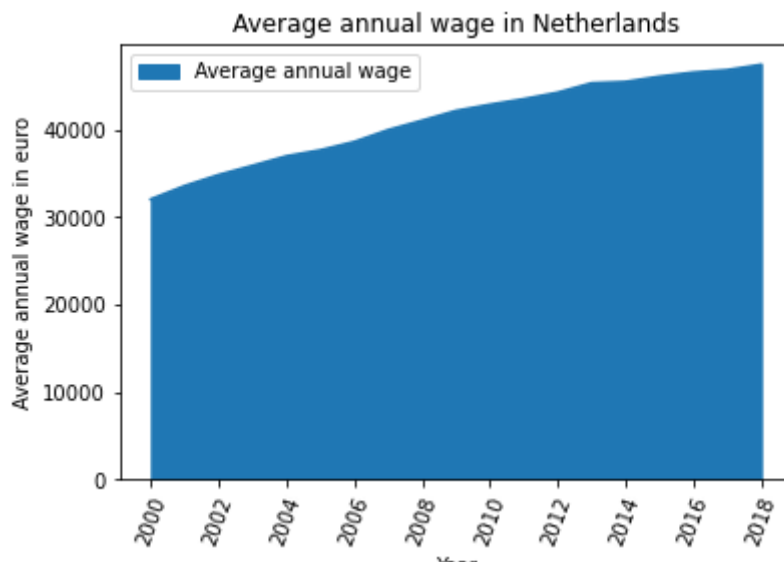
Dataset source: <https://data.oecd.org/price/housing-prices.htm>

Comparing housing price index with countries, which are located nearby Netherlands, we can see that Netherlands has the largest housing price index.



Nevertheless, Netherlands has the highest average annual wage, among its neighbors . average income in the Netherlands nowadays is over than 45k annually. Considering, that in Netherlands the price for houses in the ecovillages varies from 670 euro up to 800 + one time 5000 euro investment, I can assume that people can afford to live there.





Forecast for housing

After analyzing all data, I can sum up that housing pricing index and average annual salary will continue to grow. Only one factor can make a huge impact on it – COVID 19. Until one point, due to decrease demand for housing can rapidly decrease, as a lot of people leave to home countries leaving a lot of empty apartments.

Safety

Optional, to do....

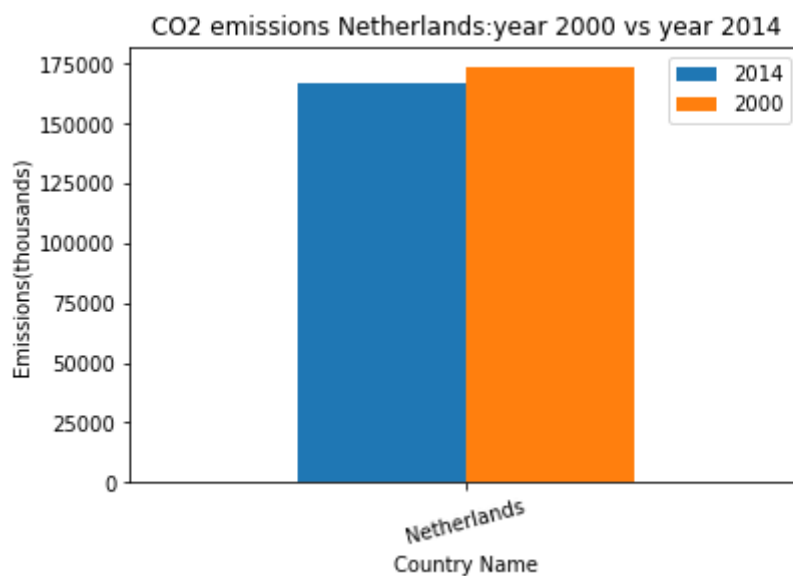
Here I will compare safety level between all Europe countries and Netherlands

Environmental impact of countries

CO2 emissions worldwide 2014



As we can see from 'CO2 emissions worldwide 2014' plot, Netherlands produces less than 1 million of kilotons of emission per year. That indicated that Netherlands is trying to be as much eco-friendly as it is possible.



For the past 14 years, CO2 emission in Netherlands increased not so much.

What will happen if people do nothing about SDG 11(Back up with datasets)

1. Less safe, inclusive and accessible, green and public spaces

- a. This will lead to the increase in air pollution (For visualization use air pollution and green spaces datasets).
 - b. This will lead to the noise pollution (For visualization use air pollution and green spaces datasets).
2. Poverty
 - a. People cannot afford housing and must live in slums.
 - b. People cannot afford housing basic services such as healthcare (Use happiness index and healthcare datasets).
3. Less attention to the waste management.

What will happen if we do something about SDG 11

1. There will be increase in safe and affordable housing.
2. There will be more safe, inclusive, green and public spaces.
3. There will be reduction of environmental impact of cities.

How can we do something about SDG 11

As an individual

- Speak up! Ask local and national authorities to engage in initiatives that don't harm people or the planet. You can also voice your support for the Paris Agreement and ask your country to ratify it.
- Stay informed by staying in touch with the Global Goals online.
- Share the knowledge.
- Take responsible actions towards SDG