



Energy Equity and its Evaluation Methodologies

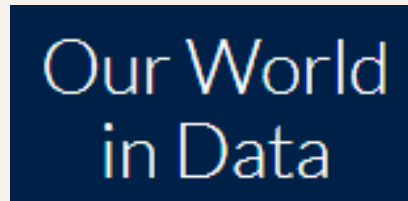
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What is Energy Equity and who cares?



What is Energy Equity and who cares?

World energy council Energy trilemma index:

Energy equity ⓘ

Access to electricity



Electricity prices



Gasoline and diesel prices



Source: [WEC Trilemma: Country profile \(worldenergy.org\)](https://www.worldenergy.org/)

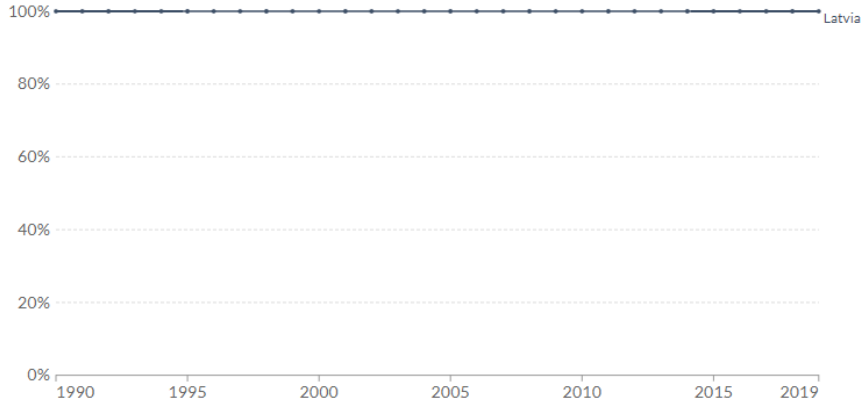
Energy Equity in Latvia

Electricity access

Share of the population with access to electricity. The definition used in international statistics adopts a very low cutoff for what it means to 'have access to electricity'. It is defined as having an electricity source that can provide very basic lighting, and charge a phone or power a radio for 4 hours per day.

Our World in Data

+ Add country



Source: World Bank

OurWorldInData.org/energy • CC BY

▶ 1990 ◯ 2019

CHART

MAP

TABLE

SOURCES

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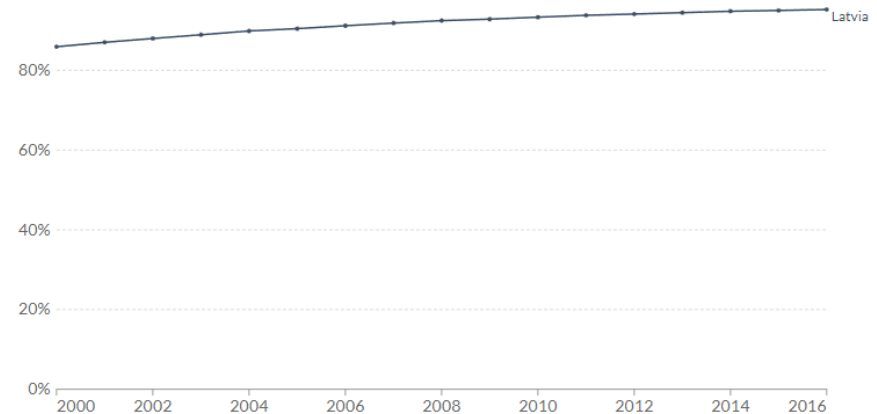


Share of the population with access to clean fuels for cooking

Access to clean fuels or technologies such as clean cookstoves reduce exposure to indoor air pollutants, a leading cause of death in low-income households.

Our World in Data

+ Add country



Source: World Bank

OurWorldInData.org/energy • CC BY

▶ 2000 ◯ 2016

CHART

MAP

TABLE

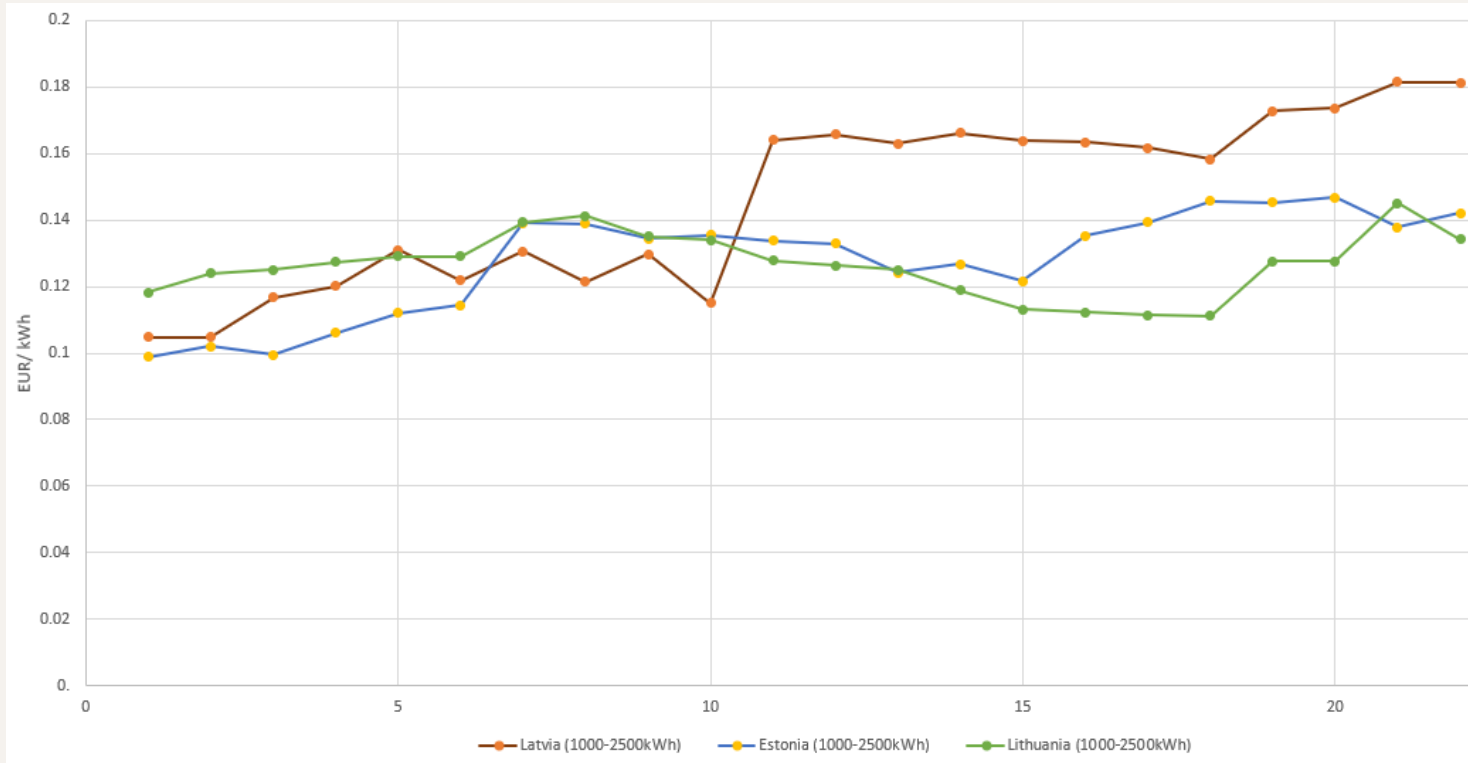
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Source: Access to Energy - Our World inData

Energy Equity in Latvia

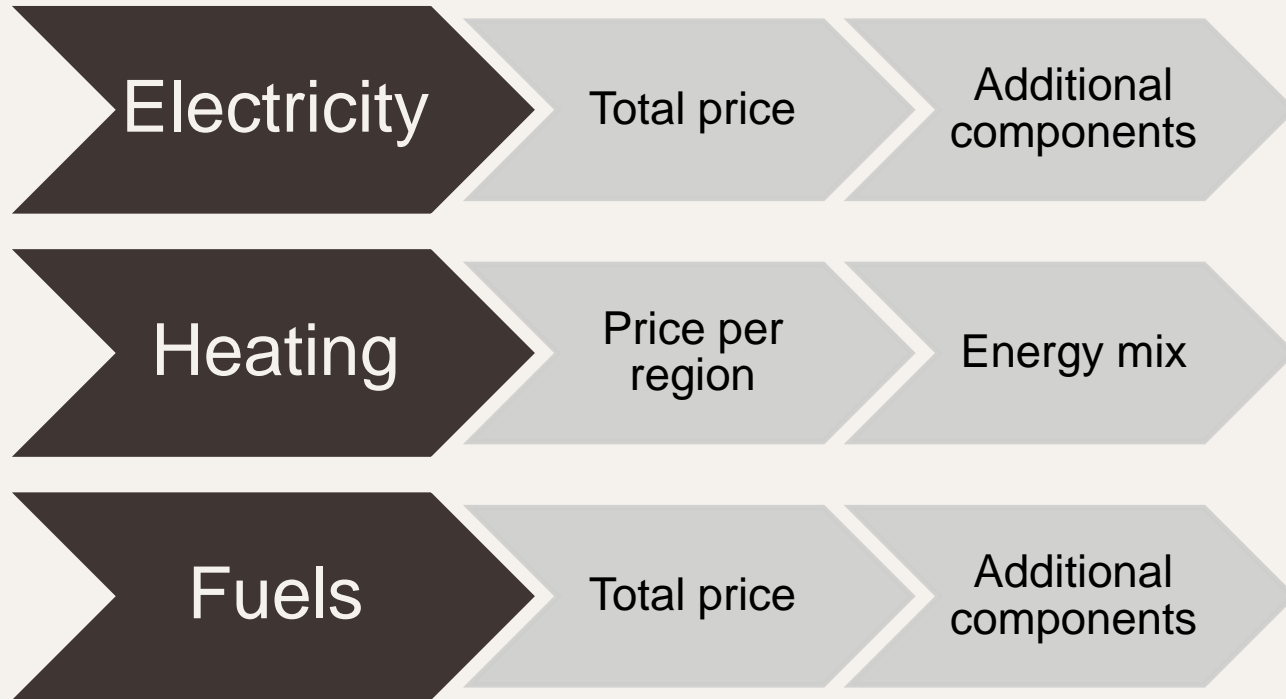


Energy Equity evaluation

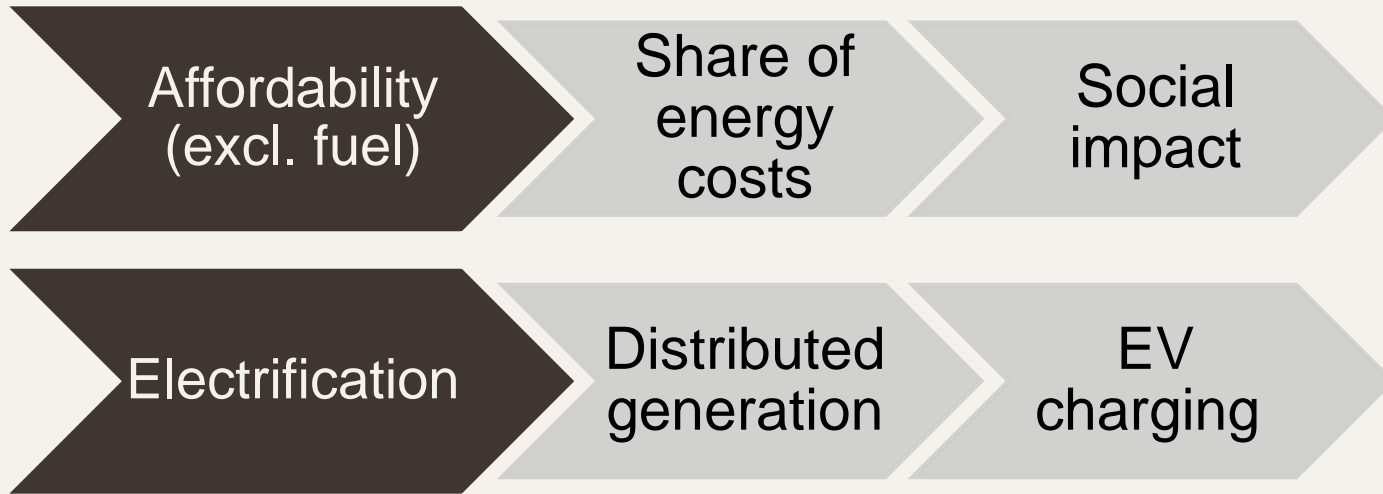
Global organizations evaluation of Energy Equity:

- **General view on physical access to electricity;**
 - **General view on access to clean technologies for cooking;**
 - **Ability to afford energy (comparison to GDP).**
-

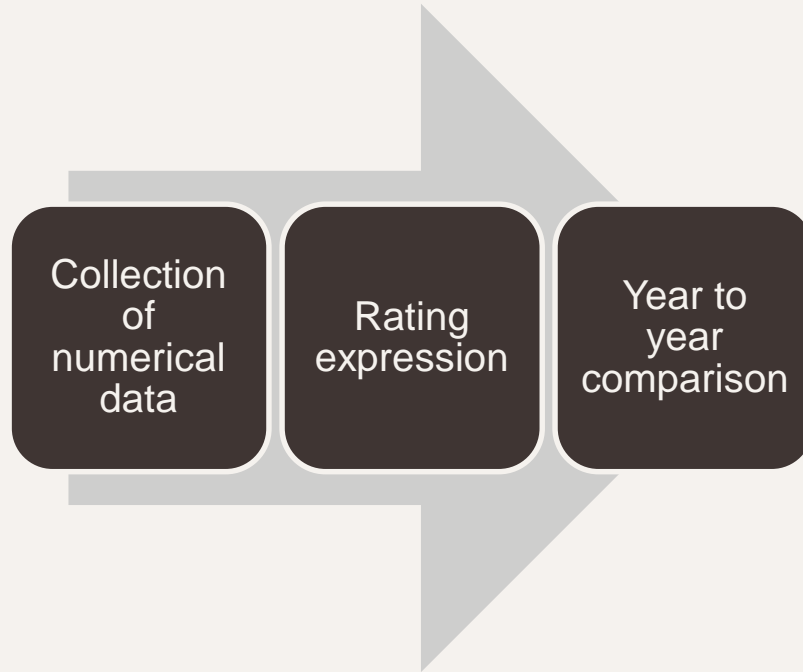
Energy Equity evaluation



Energy Equity evaluation



Energy Equity evaluation



Conclusion

1. There are various global organization concerning of Energy Equity;
 2. Existing methodologies focuses on general performance of Countries;
 3. WEC Energy Trilemma index allows to see countries performance comparing to rest of the world;
 4. Detailed look on particular countries Energy Equity is necessary to identify problems;
 5. Energy Equity evaluation methodology for Latvia is proposed, which additionally includes heating, grid service availability and social issues.
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Thanks

Do you have any questions?



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