



# Light bulbs: can they be environmentally friendly?

Artūrs Gailišs





Erasmus+




*Mēs  
par ilgtspējīgu  
dzīvesveidu*



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# About myself:

- 17 years old;
  - Currently in 11th grade;
  - Interested in history and geography.
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# Reasons for my participation:

- Cultural exchange between the schools;
- Ernst Glück was born in Wettin;
- He founded the first 3 schools in Vidzeme;
- He also translated the Bible into Latvian.



Ernst Glück

# What do I expect to gain:

- New knowledge and experience;
- Learn more about German culture;
- Get better at speaking English.



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# LED light bulbs



and why they are better than other alternatives

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# LED lights are more environmentally friendly

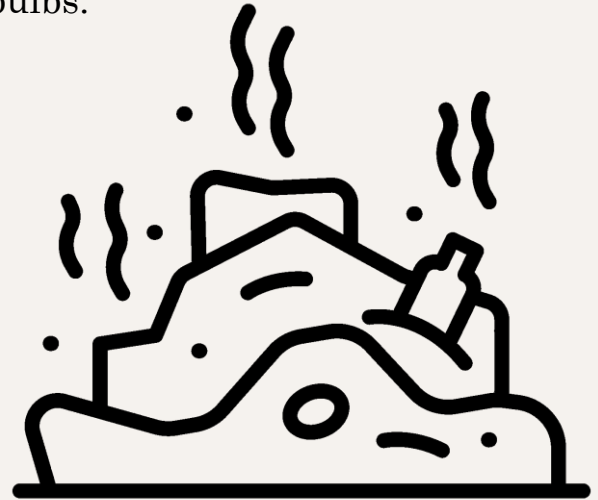
- They use less CO<sub>2</sub> per bulb;
- They waste less energy on heat;
- 16-watt LED = 20-watt CFL = 75-watt incandescent light bulb.



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# LED light bulbs are more durable

- LED lights last as much as 3 CFL ones and 10 incandescent ones;
- We'd waste less materials, if we switched to LED light bulbs.





# LED lights are recyclable

- LED lights are made out of materials, that can be divided into recyclable materials;
- Metal is the most valuable part.




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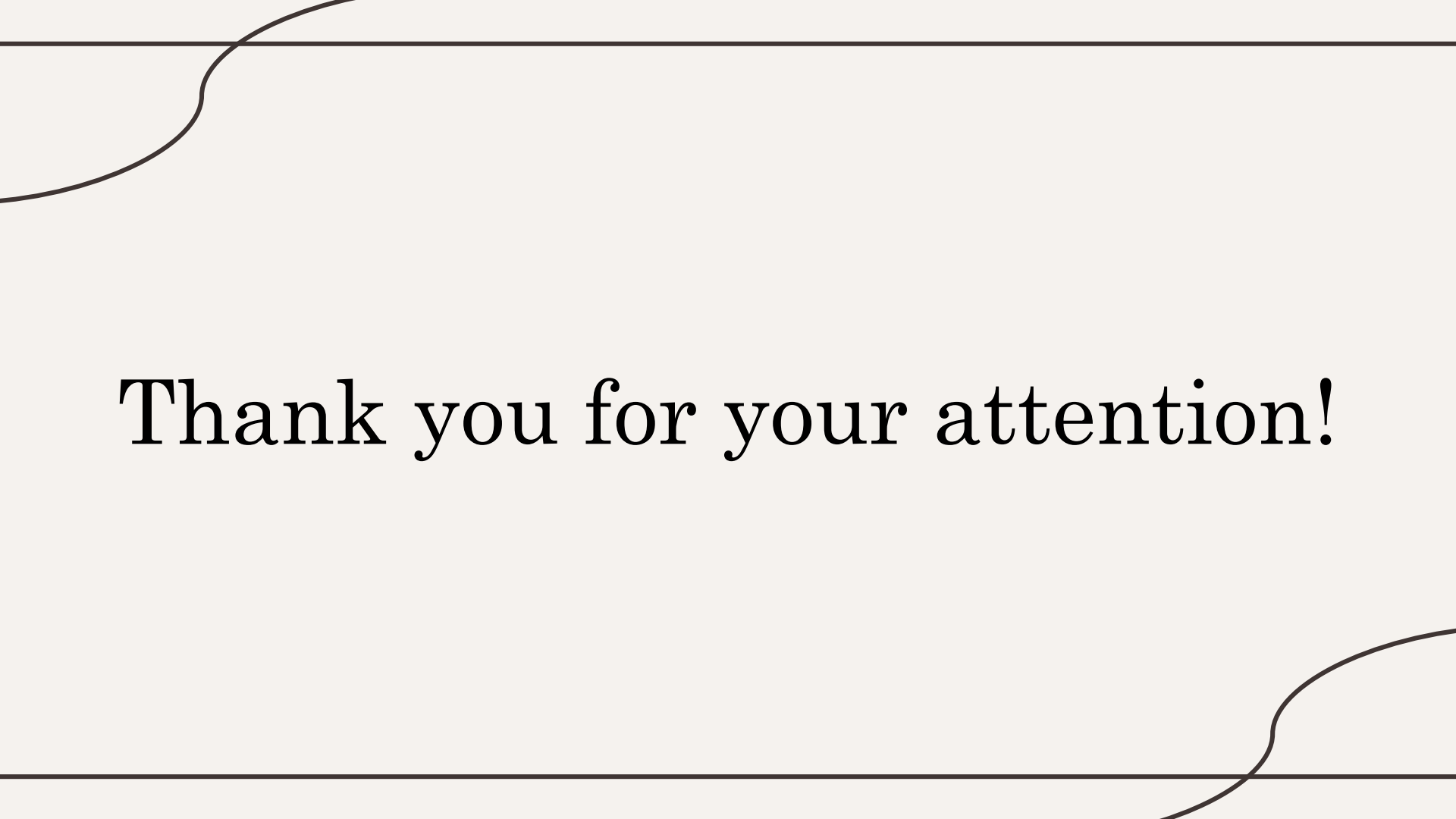
# Conclusions

- Being environmentally friendly will benefit everyone;
- We should strive for a sustainable lifestyle, in order to preserve nature.

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# Used sources

- <https://www.instyleled.co.uk/are-leds-environmentally-friendly/>
  - <https://www.greenamerica.org/green-living/cfls-vs-leds-better-bulbs>
  - <https://earth911.com/recycling-guide/how-to-recycle-led-light-bulbs/>
  - <https://blog.constellation.com/2016/03/25/led-vs-cfl-bulbs/>
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The image features two horizontal lines, one at the top and one at the bottom. Each line has a decorative, curved end on the left and right sides, resembling a stylized 'S' or a wave. The text is centered between these lines.

Thank you for your attention!