

Project EMISSIONS

Silesian Grammar School Opava

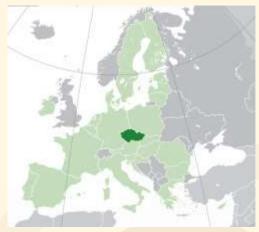


WHO ARE WE?



WHERE ARE WE FROM?







HISTORY

2012 2017 2021 air pollution

light pollution



Emise

SVĚTELNÉ ZNEČIŠTĚNÍ

WHAT DO WE DO?



















> educate secondary schools









> present to the public





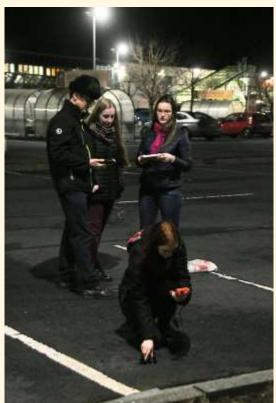




> measure light pollution in Opava

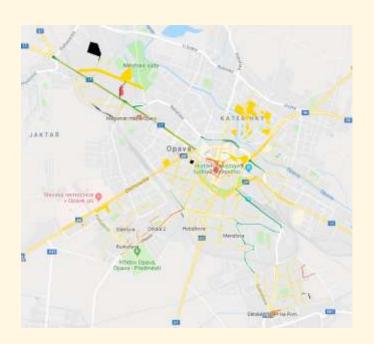


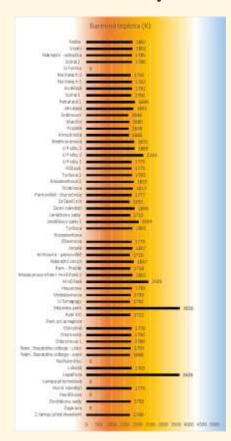


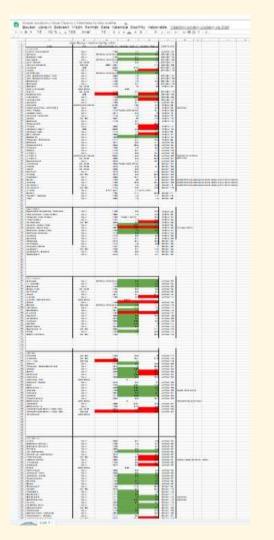




> create tables, graphs and maps







> consult with experts





> meet with politicians









→ city officials

→ regional council

→ national parliament

→ European union



INITIATIVES FOR THE EUROPEAN COMISSION

- Suggest a marking system for the cover of the bulbs in the store - whether they are appropriate or inappropriate for specific areas such as bedrooms, offices and so on
- In the EU, require a reading mode including a blue light filter as a necessity for the mobile phones' and tablets' typeapproval
- Start up a Europe-wide public campaign spreading the word about light pollution





INITIATIVES FOR THE EUROPEAN COMISSION

- Reduce the number of LED billboards emitting light. Make sure that they are turned off for the quiet hours, due to their endangering of the nocturnal animals
- Set the upper limits of illumination in the streets, including the color temperature of the light source. Ban the use of bulbs with a color temperature over 2700K
- Ban the illumination of public sights during quiet hours and adjust the shape of the light source according to the illuminated object, so that the light only shines upon said object





SOCIAL MEDIA

INSTAGRAM @projektemise

TWITTER Project Emise

WEBSITE www.emise.sgopava.cz

SCHOOL WEBSITE www.sgopava.cz









Opava City

New city district Stromovka



PUBLIC LIGHTING

zero ULOR

adjustable light intensity

motion sensors where legislation permits





THANK YOU FOR YOUR ATTENTION