



Project EMISSIONS

Silesian Grammar School
Opava

WHO ARE WE?



WHERE ARE WE FROM?



HISTORY

2012

2017

2021



air pollution



light pollution

Projekt
Emise

Dialogue
between us

Projekt
Emise

SVĚTELNÉ
ZNEČIŠTĚNÍ

WHAT DO WE DO?



➤ educate secondary schools



➤ present to the public



➤ measure light pollution in Opava



➤ consult with experts



➤ meet with politicians



→ city officials

→ regional council

→ national parliament

→ European union



INITIATIVES FOR THE EUROPEAN COMMISSION

- 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' type-approval
- Start up a Europe-wide public campaign spreading the word about light pollution



INITIATIVES FOR THE EUROPEAN COMMISSION

- 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