

UPSHIFTers for Clean Air



Introduction of the team AIRONAUTS

Participants:

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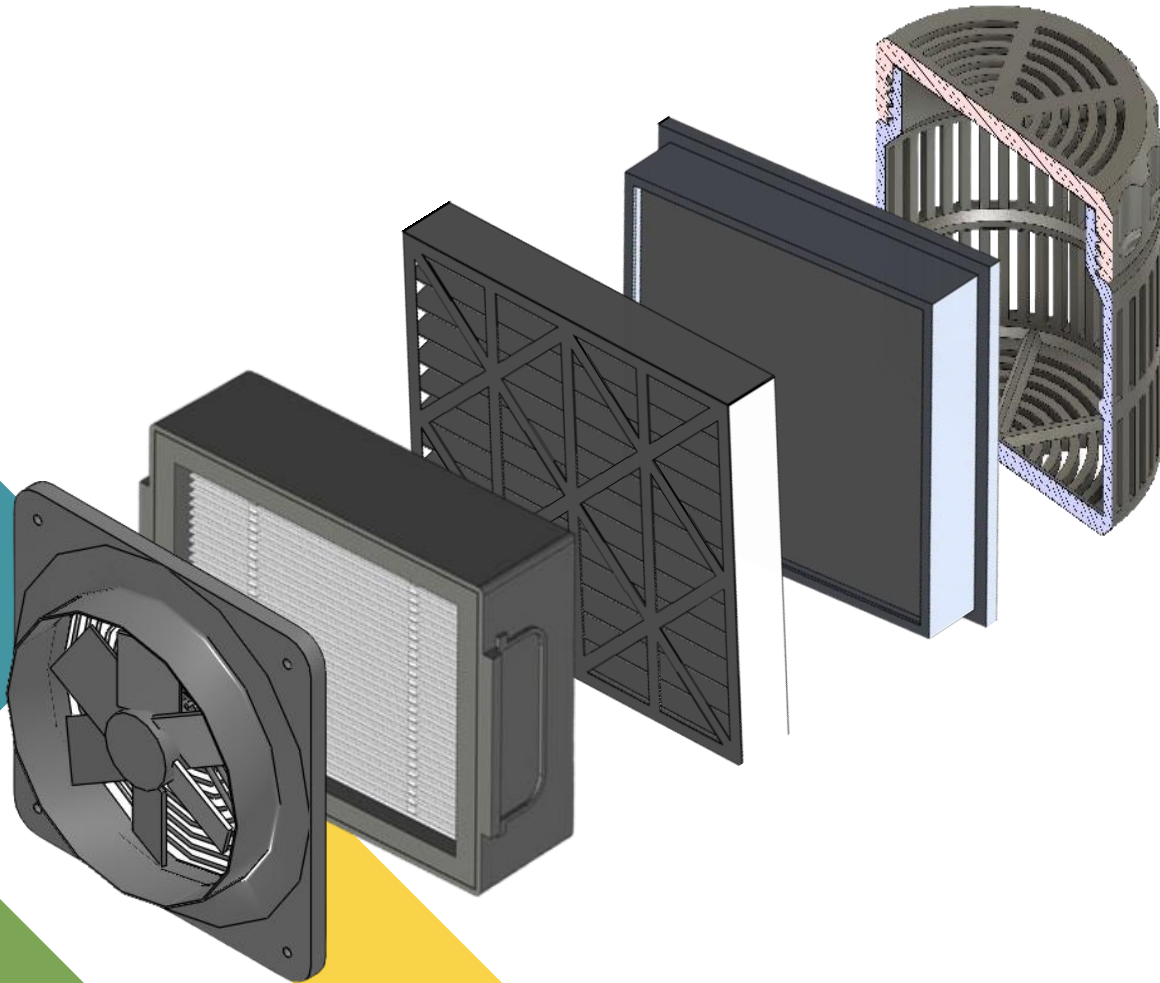
Creating the prototype



The problem



“ The final product – 4 degrees of filtration



Ventilator

Ionizer

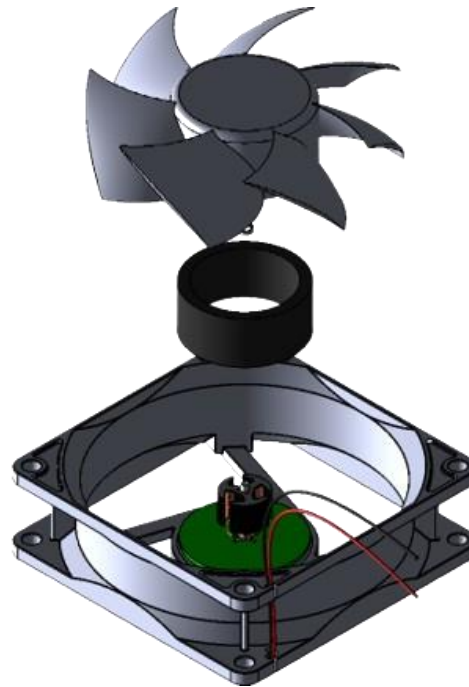
Carbon filter

Hepa filter

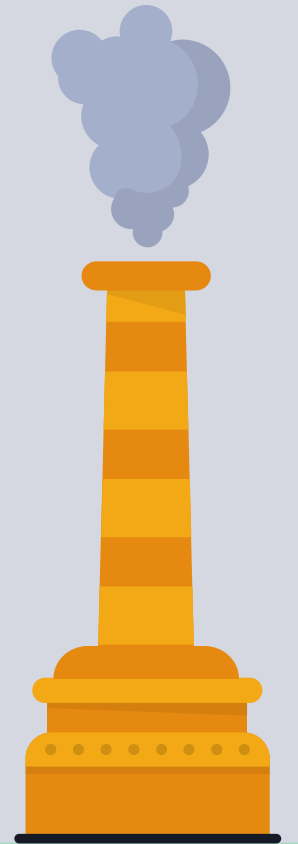
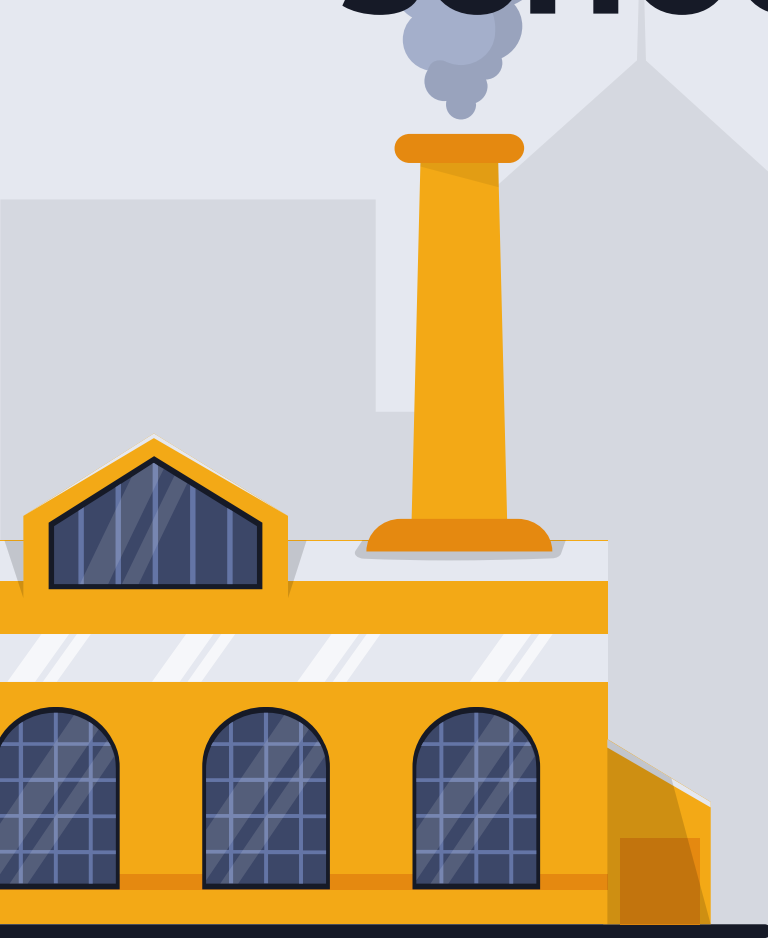
Silika filter

System impact

- Made of biodegradable materials
- cleans air 99,97%
- 125m³/h capacity
- 1,2 kW/h electricity
- first of its kind

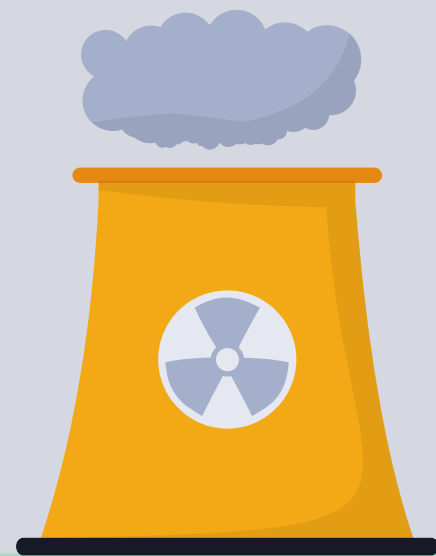
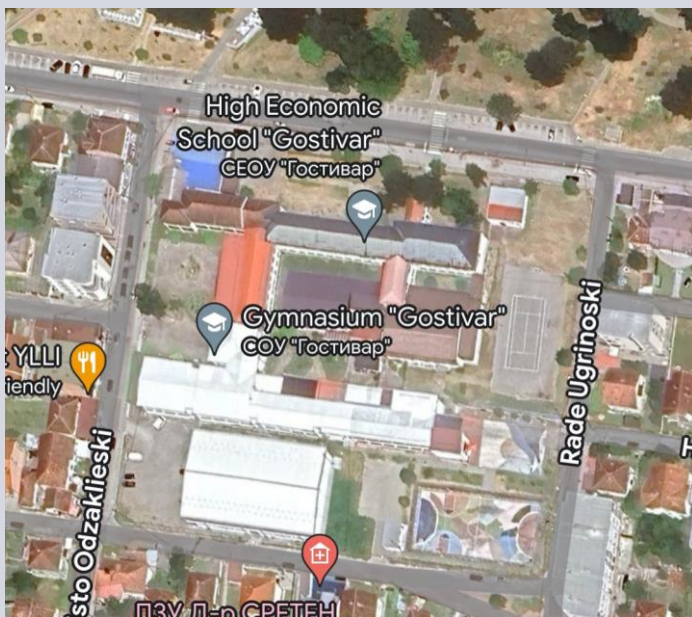


Clean air solution by the school SOU Gostivar



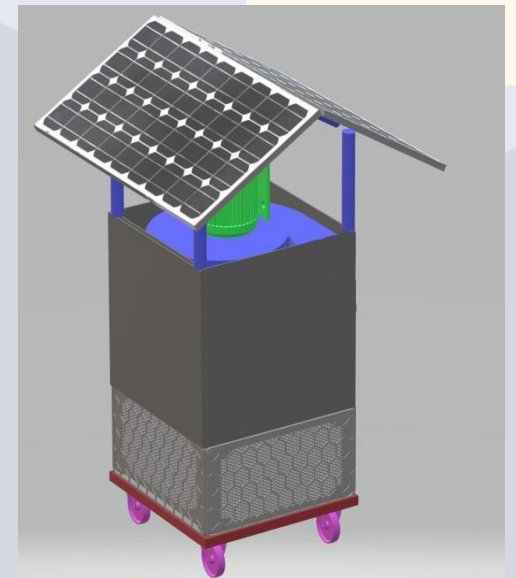
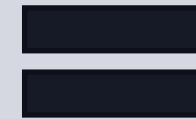
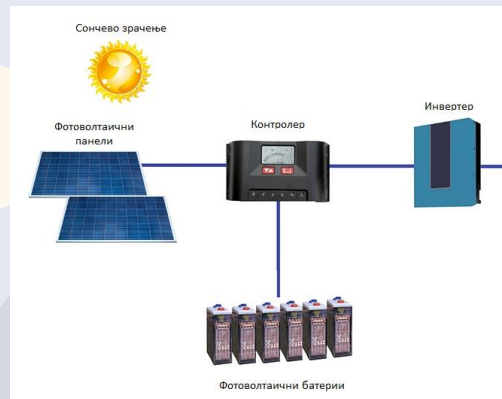


The problem

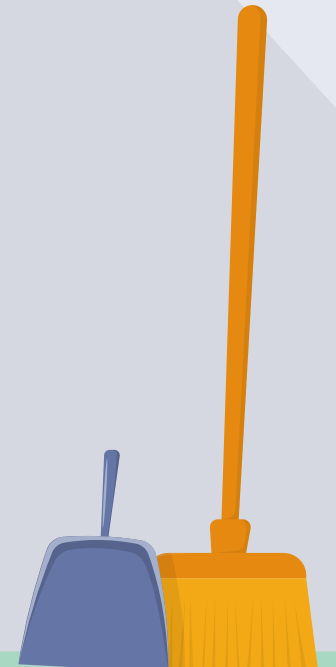


Solution

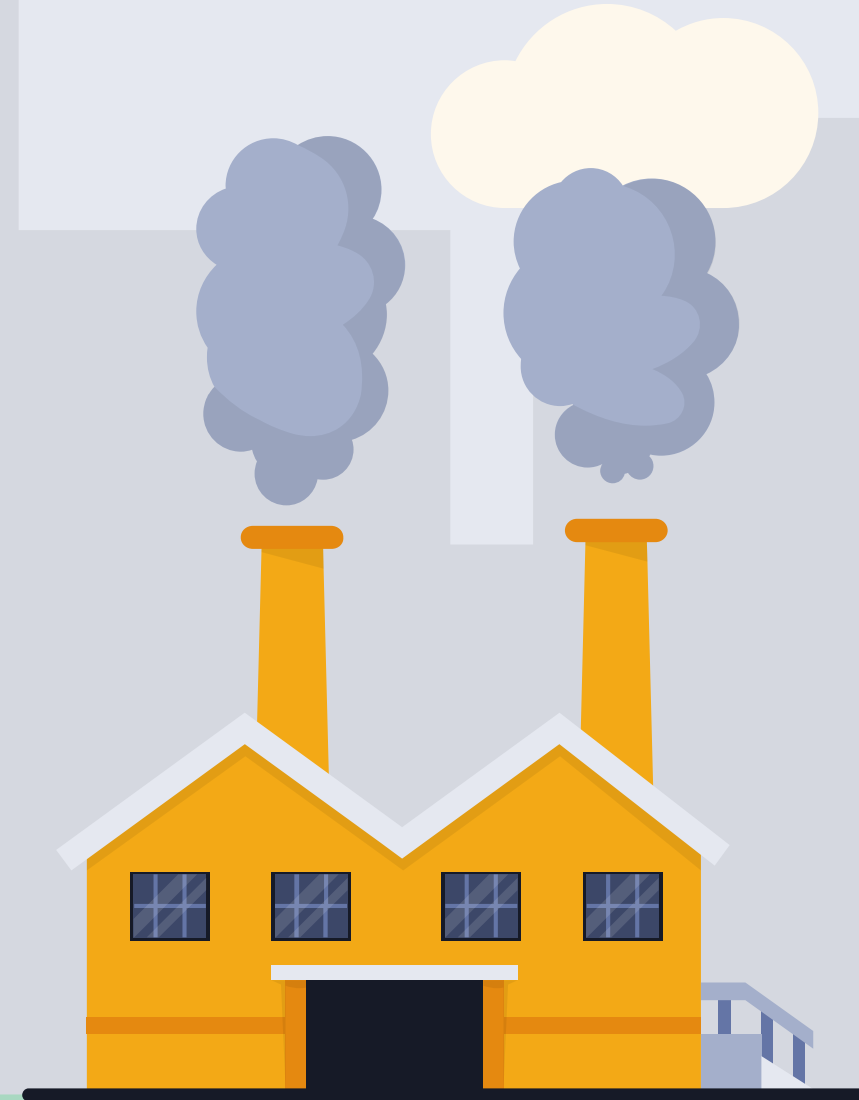
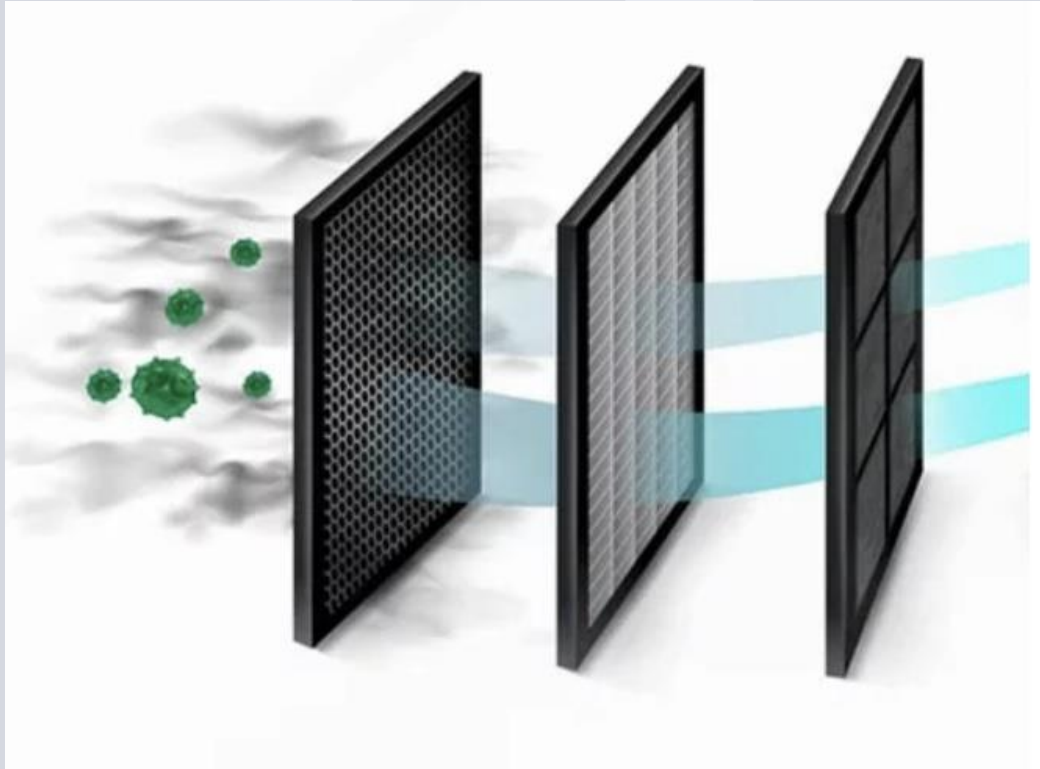
Solar air purifier with a built-in generator



Photovoltaic system



Filtration System



Benefits



- Purifier with a dual function (mobile)
- Energy independent
- Capacity to clean 147L/h



What we've learnt through UPSHIFT

**Problem
solving**

Team work

**How to do
research**

**Our impact
on the
environment**

**Financial
management**

**Personal
empowerment**

**Together we can make
a difference**

