

# PICCOLE IDEE PER UNA DIDATTICA SULL' INQUINAMENTO DELL' ARIA



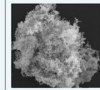
**Interreg** CENTRAL EUROPE **arpa<sup>ae</sup>** **cinsa** Consorzio Interuniversitario per la Scienze Ambientali **Comune di Parma**

**AWAIR**

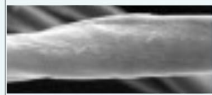
Fibra cotone > 100 micron  
 Pelo vegetale > 100 micron  
 Scaglia all'farfalla > 100 micron  
 Pelo vegetale > 100 micron  
 Scaglia vegetale > 100 micron  
 Scaglia vegetale > 100 micron  
 Polline tacco < 30 micron  
 Polline nocciolo < 30 micron  
 Polline tarassaco < 30 micron  
 Abrasivi pneumatici < 30 micron  
 Naso e collo - particelle < 30 micrometri  
 pm10  
 Polvere < 10 micron  
 Particelle < 2,5 micron  
 Cigaretta  
 Fuliggine < 10 micron  
 Particolato indefinito < 10 micron  
 Trachea, bronchi e bronchioli - particelle < 10 micrometri  
 Polline acero < 30 micron  
 Alveoli bronchiali - particelle < 2-3 micrometri  
 Particolato indefinito < 10 micron  
 Tessuto per la circolazione sanguigna - particelle < 0,1 micrometri  
 pm2.5  
 Pm2.5  
 Riproduzione in scala  
 Capello umano  
 5kV X1000 UMD SEM



**Abrasioni  
pneumatici  
10 micrometri**



**POLVERE  
20 micrometri**



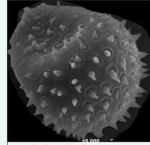
**Fibre cotone o sintetici**



**long fibre**



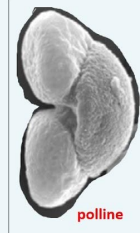
**Pelo vegetale**



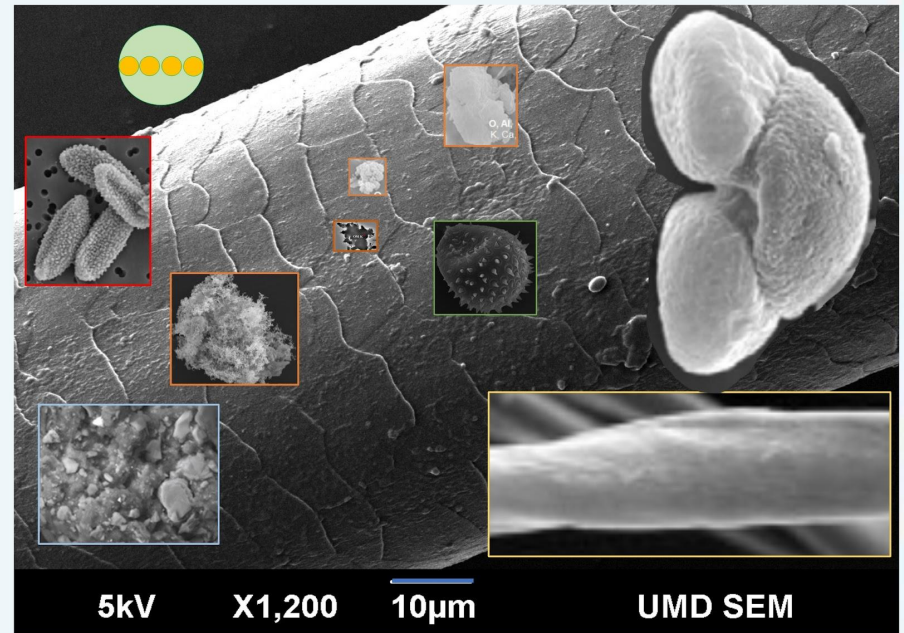
**POLLINE  
18 micrometri**



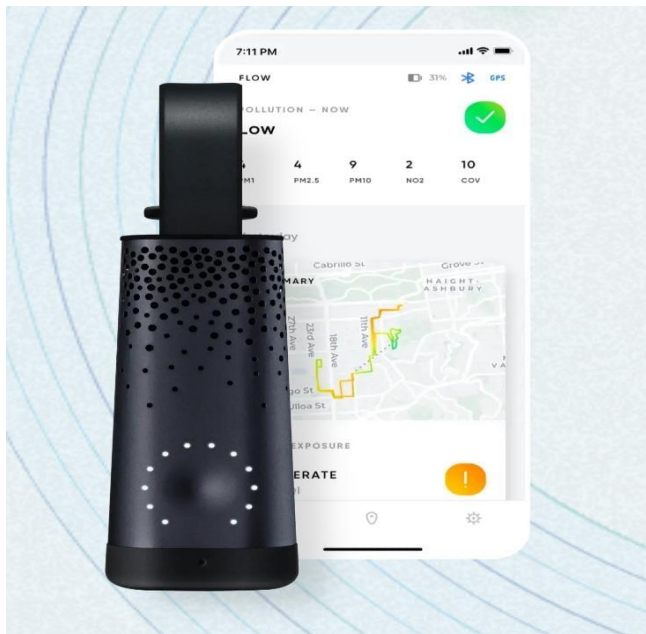
**spore**



**polline**






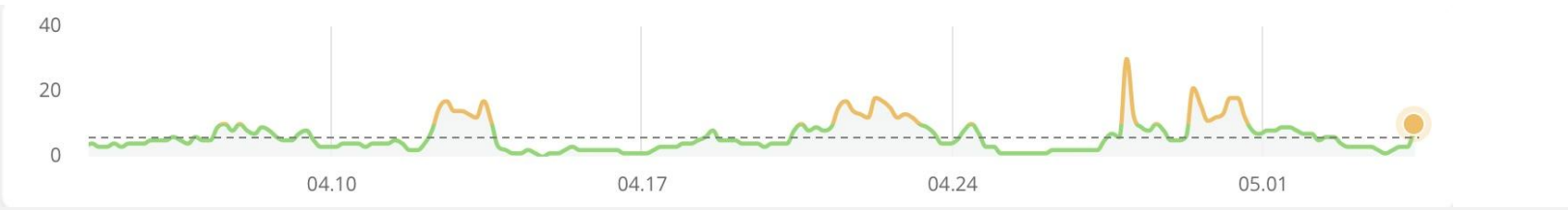





ppm  
 **855**  
 CO<sub>2</sub>

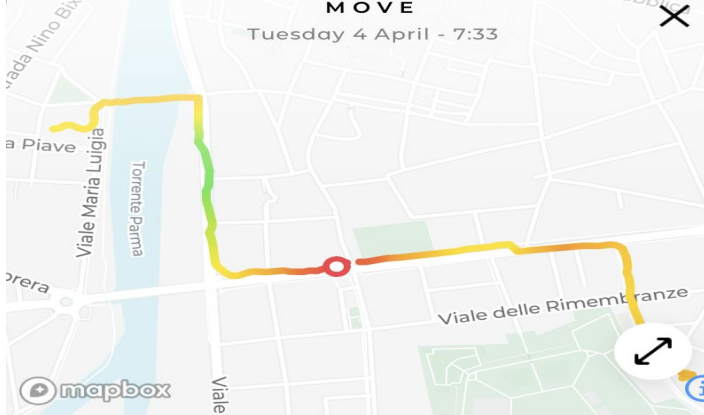


µg/m<sup>3</sup>  
 **6**  
PM 2.5



 **21°**  
TEMP





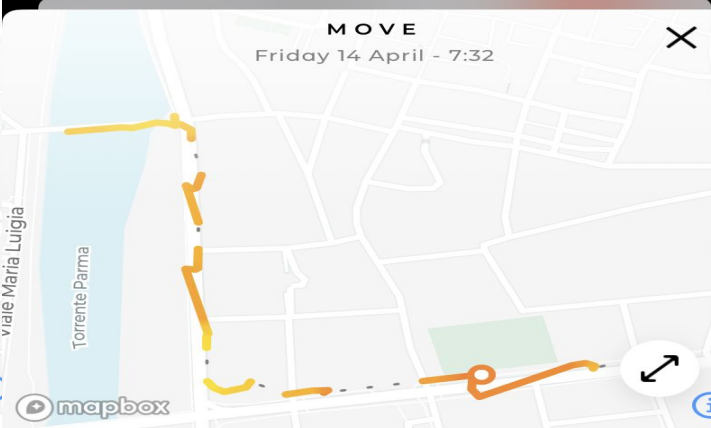
SELECTED

**High**

84 AQI



<b>84</b>	3	13	84	0	2
ALL	PM1	PM2.5	PM10	NO2	VOC



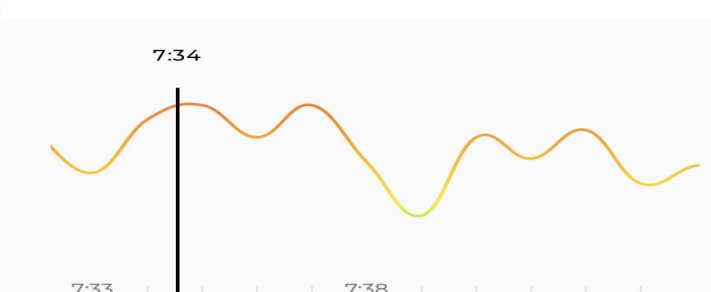
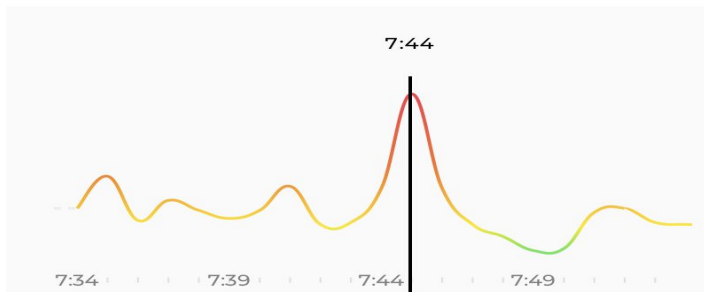
SELECTED

**Moderate**

45 AQI



<b>45</b>	14	23	45	3	4
ALL	PM1	PM2.5	PM10	NO2	VOC





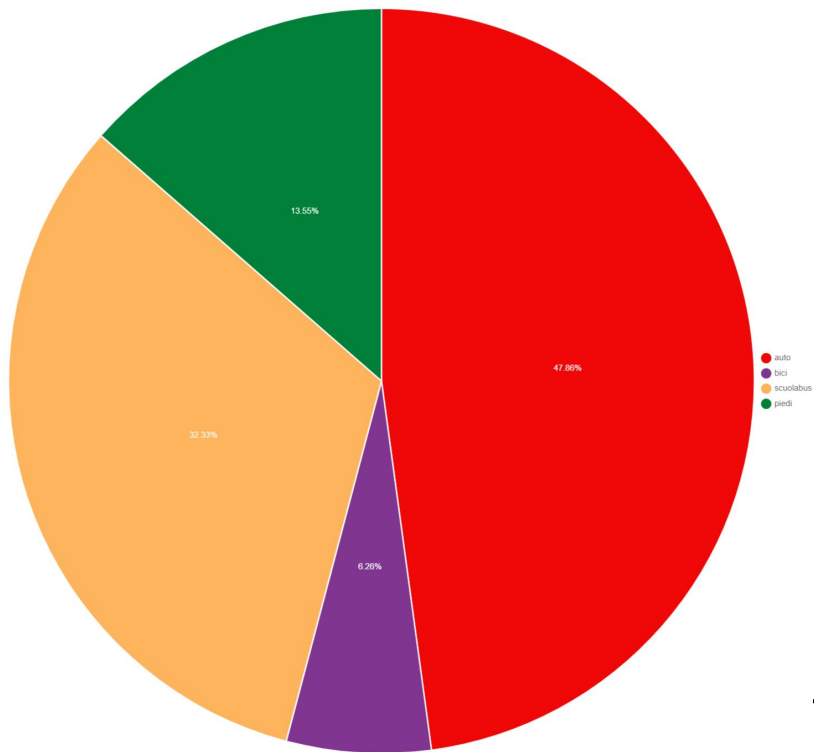
Nome del plesso: Secondaria I grado Biagio Pelacani

Numero studenti: 366

Numero classi: 16

Numero studenti	Classi	Km	Carburante	CO2 risparmiata	CO2 prodotta	CO	NOx	PM10	KCal
366	16	922,319	46,614	44,392	107,316	0,966	0,309	0,256	7.261,53

Distribuzione mezzi anno corrente (Km percorsi)





LABORATORI

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# SEMINARI INCONTRI DIBATTITI..

