The need

- >20% of population allergic to pollen with indirect costs of > €55 billion/year in Europe alone
- crop losses up to 30% due to fungal infections with global costs of > $60 billion/year
- bioaerosol influences the hydrological cycle and climate

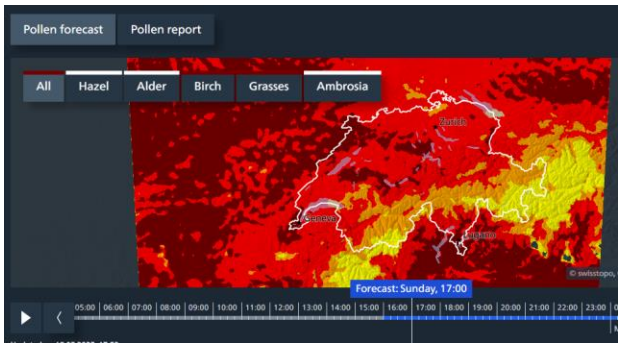
Solution

- SwisensPoleno automated bioaerosol monitor coupled with machine learning
- Real-time information on pollen and fungal spore concentration in air
- Forecast for the most allergenic pollen types

Benefits

- Cutting-edge bioaerosol monitoring in Europe
- Better health and productivity for the society
- Reduced costs for public health and agriculture
- Technology innovation and dissemination of best-practices
- Close collaboration between industry and government

Pollen forecast



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