



GOVTECH CHALLENGE SERIES 2.0

HOW TO CREATE A SCHOOL PUBLIC HEALTH MONITORING TOOL?



Vilnius City Municipality Public Health Bureau

GOVTECH LAB





CONTEXT

CURRENT SITUATION

- Public healthcare provision covers a wide range of areas: health education activities, personal and environmental hygiene, catering supervision, first aid, etc.;
- The situation of each educational institution is unique and depends on the specialists, their tools and activities. Therefore a quick aggregated overview or analysis of schools is impossible neither at the educational institution level nor on the municipal level.

SCOPE

Vilnius city and Vilnius district:

- 259 pre-school education institutions;
- 216 general education schools;
- > 200 public health professionals;
- ~ 122,000 children and school students.

PROBLEM

- Monitoring public health implementation = statistical databases + surveys + journals + Excel + activity reports, etc.

- Generalized, unified and recurring health education activities in all educational institutions are not always focused on children-specific health problems.

- Kindergartens and schools have a limited focus on purposeful and consistent strengthening of children's and students' health.

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CHALLENGE

We aim to find out the unique health needs of children and students in each educational institution, according to which we would perform public health care services more efficiently and organize the work of specialists more effectively.

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SOLUTION

KEY FUNCTIONS

- An innovative and easy-to-manage database used by educational institutions, stakeholders, public health professionals and their employer;
- Health profile - a structured and defined picture of the provision of public health care services in kindergarten / school;
- Relevant and timely summarized municipal level information, available in different perspectives.

METRICS FOR SUCCESS

- Optimizing the reporting time (change in hours);
- Preparation of annual plans based on data (number of units);
- Optimizing the procurement of public health measures (change in euro allocation).

IMPORTANT ASPECTS

- Detailed breakdown of data by field of activity, their scope and characteristics: health status in numbers (e.g. BMI, KPI), environmental health indicators (e.g. periodic measurements, infrastructure), health education (e.g. topic covered); Provision for different data filling timings (daily, before or after school holidays, at the end of the month);
- Possibility to compare changes in different areas of activity at educational institution and municipality levels;
- Possibility to change or fill in the collected data, to have differentiated data access (for a specialist, manager, municipality).

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OPPORTUNITIES

INSTITUTION

- Human resources for customizing the contents of a database;
- Financial resources for database development and testing;
- Scaling of the school public health monitoring system at the municipal level.

MARKET

- Public health care is provided in educational institutions throughout Lithuania - an opportunity to publicize and expand the use of the tool nationwide;
- Opportunity to develop best practices in the digitization of services, designing the database and maintaining its sustainability.

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