



ROADS
to HEALTH

Decision Support for Pandemic Management of the Future

In the FFG-KIRAS research project "ROADS to HEALTH - Decision Support for Pandemic Management of the Future", the basis for situation-related matching of measures for pandemics and epidemics is being developed. The "lessons learned" from COVID-19 form the starting point for this. The result of ROADS will be a concept for optimized risk and crisis management for future pandemics and epidemics.

The specific goal of ROADS is to develop the need and the basis for a technologically supported matching of measures for decision-makers and critical infrastructures. This should ensure clearly structured pandemic management in the future. For this purpose, data, measures, experiences and scientific findings from the COVID-19 crisis are processed, evaluated and included on a risk-based basis to describe possible future pandemic scenarios. The processing and accompanying development of the concept is supported by a stakeholder board, to which other users, representatives of critical infrastructures and stakeholders are invited.

Practical resilience strategies and bundles of measures are derived from the comprehensive analysis, which serve as the basis for robust technical tools for future pandemic management. The result of ROADS will be a concept that, after the end of the project, can be converted into a specification by the user or into a specification by the contractor. The concept will include strategic parameters and goals, measures and bundles of measures and resources.

The matching of measures as decision support is to be set up on the existing framework platform "Portfolio of Solutions" (PoS) developed by the project partner AIT. The PoS platform uses semi-automated links to enable user-friendly, clear dashboard displays for targeted and needs-based analyses, models and decisions.