

INTELLIGENT DECISION SUPPORT FOR PANDEMIC CRISIS PREDICTION AND MANAGEMENT

STAMINA PROJECT

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Digital Health & Smart Technologies

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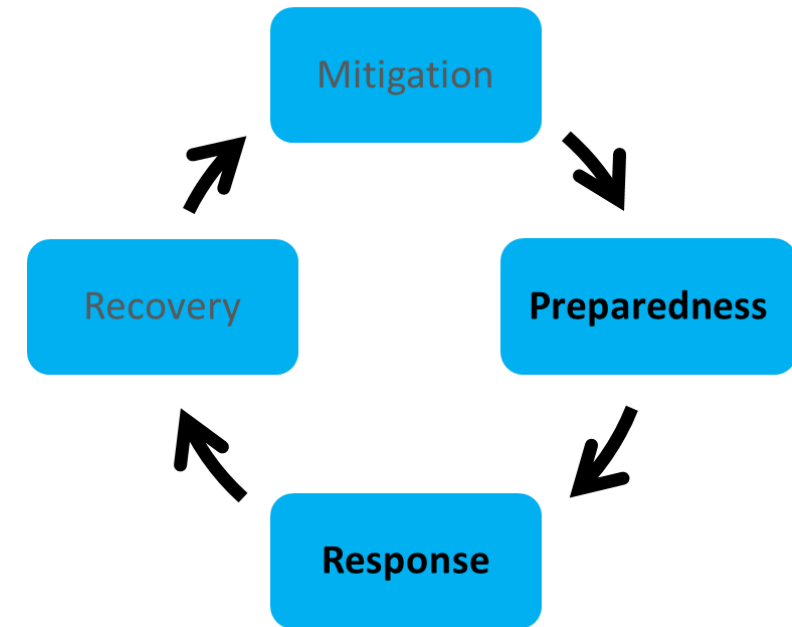
STAMINA Vision

STAMINA aspires to better equip pandemic crises management practitioners at national and regional levels within and across EU border to anticipate and respond to the “known-unknowns” in their daily effort to enhance health security.



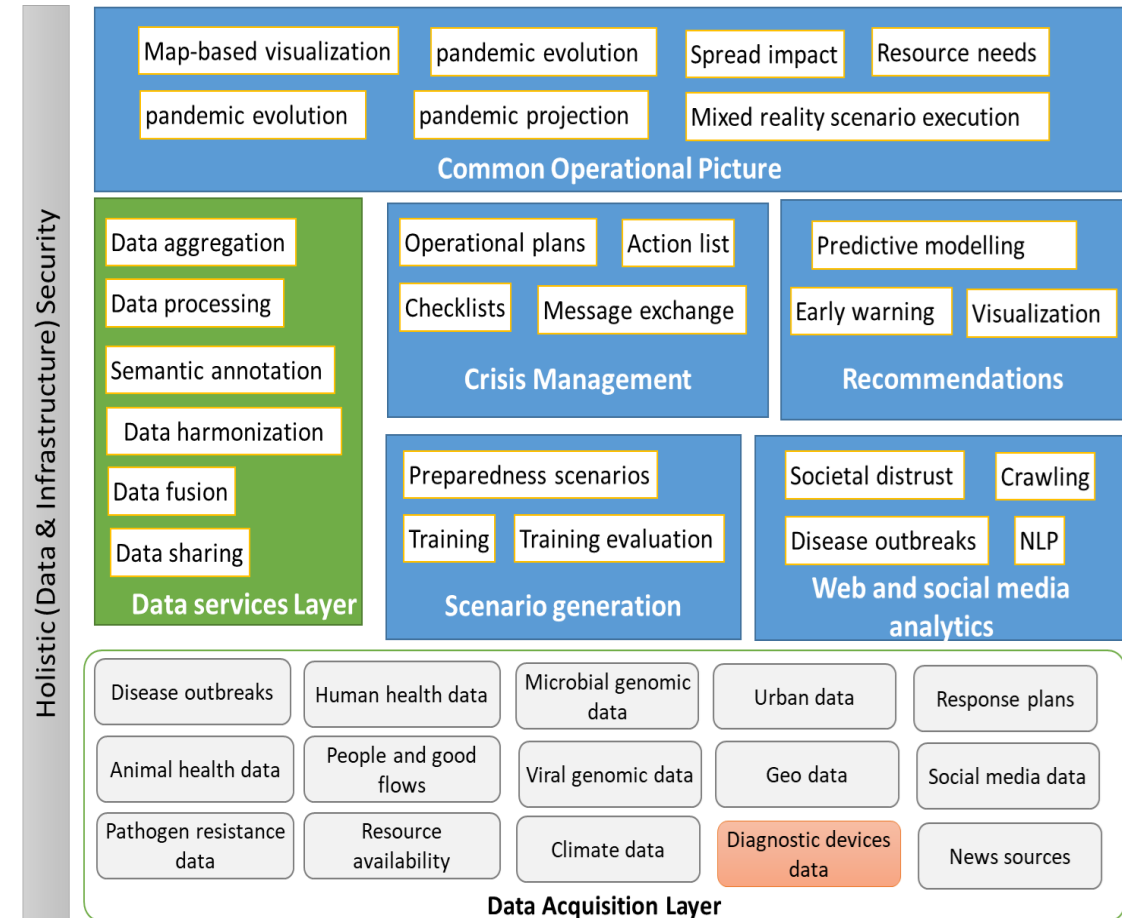
STAMINA Aim

- STAMINA aims to facilitate evidence-based decision support as regards pandemic crises at regional, national and international level for all players in the value chain.
- STAMINA offers tools and guidelines to support national and regional health emergency planners and first responders of Europe in the Preparedness and Response phases of the Emergency Management Cycle.



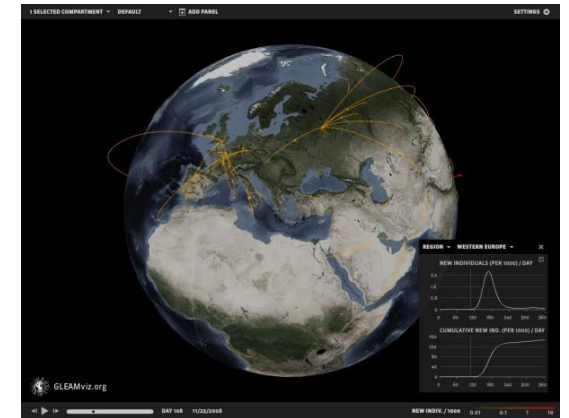
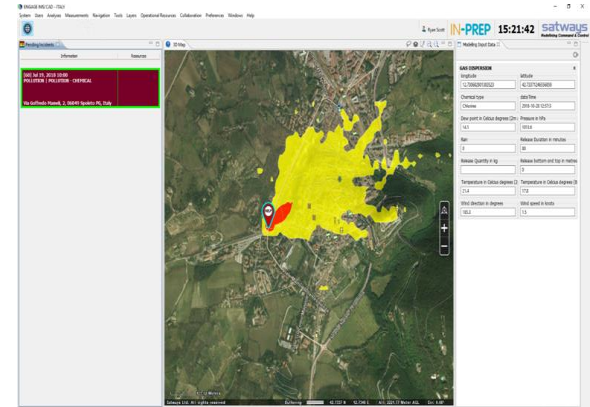
STAMINA Technological Concepts

STAMINA supports information and knowledge sharing by providing a wide spectrum of technologies in a seamlessly integrated environment.



STAMINA Toolset

- Real-time web and social media analytics.
- Portable PCR devices and SmartKo wearable diagnostic devices.
- Predictive modelling for pandemic diseases.
- Early Warning System with ML functionality.
- Crisis management tool for assisting strategic advisors before and during a crisis.
- Scenario Generation tool for operational preparedness training for employees of national planners and first responders.
- Common Operational Picture which acts as the STAMINA's integrated solution main user interface for representation and sharing of available geo-referenced data and information.



STAMINA Trials

The use of the STAMINA toolset will be demonstrated through:

- 12 national and regional small-scale trials in 16 countries.
 - Austria
 - Belgium
 - Czech Republic
 - France
 - Germany
 - Greece
 - Italy
 - Lithuania
 - Luxembourg
 - Netherlands
 - Romania
 - Slovenia
 - Spain
 - Tunisia
 - Turkey
 - United Kingdom
- one large-scale cross-border simulation exercise.



STAMINA Partners



Faculty of Electrical Engineering
and Computer Science

Erasmus MC
University Medical Center Rotterdam



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RESEARCH



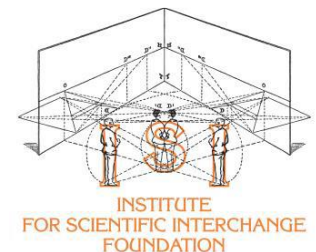
Brunel
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DIE JOHANNITER
Aus Liebe zum Leben



BYS GRUP



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