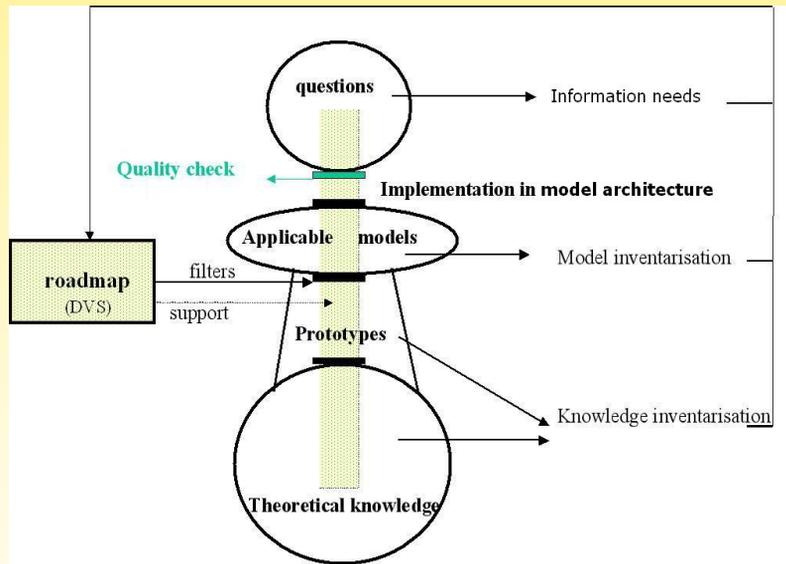


PRACTICAL APPLICATIONS FOR THEORETICAL RESULTS

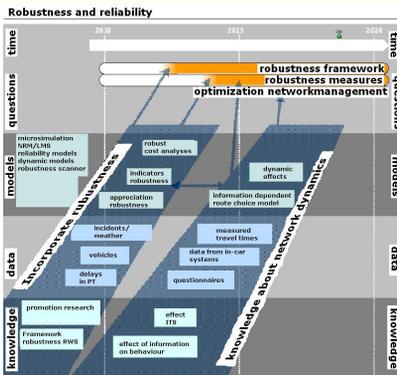
Set-up of an innovation program for the Dutch strategic transport models

To support mobility policy development the government uses strategic transport models to estimate the impacts of different policies. To guarantee the quality of the strategic transport models in the future an innovation process is designed that on the one hand addresses the required stability and quality of the models, and on the other hand encourages the use of new theoretical concepts and topics. We present the current setup of this process, completed with a short description of the desired content of the models.

The figure gives an overview of different stages of model development. The lower circle shows the theoretical research that is done in the area of interest. Based on the theoretical results, prototypes are developed, presented by the 'triangle' above the theoretical circle. The next stage, presented by the ellipse, is developing a widely applicable model. Above the ellipse, a small connection shows the process of implementing an applicable model in the structure required for governmental models. Finally, the model can be used to answer the questions of politicians shown in the upper circle.



The structural innovation process that we propose is also presented in the figure. It consists of yearly investigations of questions, models, and knowledge, which lead to the so called 'roadmaps'. These roadmaps describe the functionalities required to address the information needs of policy development. The content of the roadmaps is projected on the stages of model development, as the coloured vertical block in the figure. The government will encourage the work in the areas that are covered by this block, which should finally lead to models that have the functionalities described in the roadmaps.



Each roadmap considers several topics. For each of these topics, four different aspects are described: knowledge, data, applicable models, and political questions. The figures present the topics 'Robustness and reliability' and 'Intermodal transport' as examples.

5. Intermodal transport

