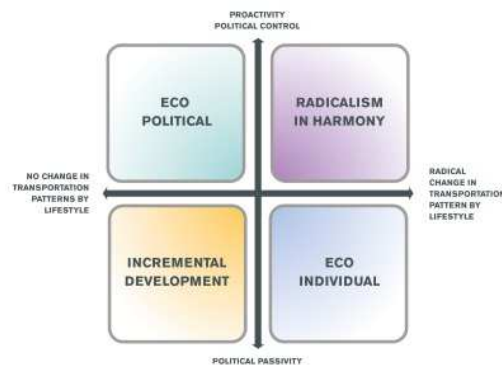


## SEVS2 - Safe, Efficient Vehicle Solutions

The purpose of SEVS is to strengthen the Swedish automotive industries ability to analyze and address complex global societal and technological challenges related to the transition to a sustainable mobility and transport system by 2030+.

The SEVS phase 1 project run during 2009 and 2010 responded to many important questions concerning future society, different scenarios and corresponding vehicle solutions. With the time horizon 2030+ and the four scenarios identified (eco political, radicalism in harmony, incremental development and eco individual) it became evident to the project team and participants that SEVS needed to continue.



SEVS phase 2 project run during 2012-2013 and focuses on future transport system for goods and people challenges; in two different reference city environments (Gothenburg and Shanghai) where transportation is one part of the sustainable city solution. This involves many different actors, also outside the automotive industry, since a transition of the road transport system requires the knowledge and active involvement of many different stakeholders. The large number of involved experts and stakeholders also leads to a need for a structured method for how to effectively perform the analysis in multidisciplinary teams. The demand for sustainable transportation solutions will reshape not only the vehicles, but also business models, development & production processes, services, technologies, education, management, partnerships, supply chain. Many steps to be taken require coordinated action from several of the involved actors. Due to the very rapid changes taking place there is, therefore, a need to quickly initiate a dialog between key actors influencing the transport system. SEVS2 is an important step towards addressing this need.

The SEVS2 project has developed an analysis model explaining the key driving forces and how they influence future road transport. The driving force model is in this project used, together with the method and scenarios developed in SEVS1, to

analyze a future city road transport system where electromobility is one of the main solution for personal and goods transport. The analysis aim at finding the system consequences of electromobility and what is required for an effective transformation from today's transport system. A key characteristic of the SEVS2 project is its focus on using already existing knowledge from a wide set of actors and integrate it into a form which is useful for the analysis of future road transport.

Benefits of the project are answers to questions on what is required for electromobility to be one of the main road transport solution and how it can be implemented from both societal and technological point of view. Equally important are the model of key driving forces and the experience and method for how to address complex transformation challenges in a multidisciplinary team.

SAFER and SHC, both national Centres of Excellence will run this project, together with a wide set of partners from vehicle OEMs, academia, institutes and other business.

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