

ECO-CARS – Evaluation of consumers' decisions based on choice experiments of alternative propulsion technologies.

Projektteam:	Marcus Bäumer	IVT
	Dr. Georg Bühler	ZEW
	Prof. Dr. Ferdinand Dudenhöffer	CAR (FH Gelsenkirchen)
	Nicolas Frühauf	IVT
	Prof. Dr. Heinz Hautzinger	IVT
	<u>Dr. Claudia Hermeling</u>	<u>ZEW</u>
	Manfred Pfeiffer	IVT
	Kai Pietron	CAR (FH Gelsenkirchen)

The purpose of this project is to determine the demand for clean-fuel vehicles in passenger car traffic in Germany and to evaluate the possibility of a successful market entry of these technologies. Different tax scenarios and their welfare implications will be analyzed within the framework of a micro-founded dynamic model including all relevant externalities. A stated-choice survey will be conducted in Germany concerning the determinants for the choice of vehicles. The empirical data will be used to estimate elasticities of demand and substitution which are needed for the numerical implementation of the model. Additionally, Monte Carlo experiments and econometric simulations of environmental and political measures shall provide insight into the dynamics of the future passenger car market.