

## VACS without traffic flow implications – Lane keeping assistance systems

System	Description	Sources of info
Lane Departure Warning (LDW)	Assists the driver to maintain his/her lane position, giving a warning if the vehicle crosses lane markings unintentionally; if no input is given, the system follows the lane automatically	Batavia, 1999; Ehmanns and Spannheimer, 2004; Bishop, 2005; Alkim et al, 2007; Van Driel, 2007; Kessler et al, 2012; iMobility Forum, 2013; <a href="http://www.eurofot-ip.eu/en/intelligent_vehicle_systems/acc/">http://www.eurofot-ip.eu/en/intelligent_vehicle_systems/acc/</a> [accessed 11.03.2013]
Adaptive Lane Departure Warnings System (ALDWS)	Same as LDW, but works with a virtual lane boundary instead of the real one	Deram, 2004; Fagerberg, 2004