

Motorway traffic related VACS – Speed control systems

System	Description	Sources of info
Active Green Driving (AGD)	Identifies and has the ability to impose speeds that reduce fuel consumption and pollution	Hoeger et al, 2011
Cooperative Variable Speed Limit System (CVSLS)	Provides speed recommendations	Grumert et al, 2013
Fuel Efficiency Advisor (FEA)	Identifies and provides fuel efficient speed recommendations	Kessler et al, 2012; http://www.eurofoot-ip.eu/en/intelligent_vehicle_systems/fea/ [accessed 11.03.2013]
Integrated Full-Speed Range Speed Assistant (IRSA)	Supports speed maintenance within fixed or dynamic limits and adjusts them to preserve a desired time or space gap from the preceding vehicle; ranges from purely advisory to completely mandatory types	Wilmink et al, 2006; van Arem et al, 2007
Intelligent Speed Adaptation (ISA)	Supports speed maintenance within fixed or dynamic limits; ranges from purely advisory to completely mandatory types	Tampère et al, 1999; Carsten and Tate, 2000, 2005; Varhelyi and Makinen, 2001; Biding and Lind, 2002; Hegeman, 2002; Hogema et al, 2002; Liu and Tate, 2004; Bishop, 2005; van Driel, 2007; Boriboonsomsin et al, 2008; Doecke and Woolley, 2010; Marchau et al, 2010; SWOV, 2010; Hoeger et al, 2011; Vlassenroot et al, 2011a, 2011b; Benmimoun et al, 2012; Blum et al, 2012; Kessler et al, 2012; iMobility Forum, 2013