

## VACS without traffic flow implications – Other warning systems

<b>System</b>	<b>Description</b>	<b>Sources of info</b>
<b>Animal Warning (AW)</b>	Advices drivers by electronic signs for the presence of animals detected by roadside sensors	Bishop, 2005
<b>Approaching Emergency Vehicle Warning (AEVW)</b>	Sends warnings to vehicles in the path of an emergency vehicle to move out of the way	Popescu-Zeletin et al, 2010
<b>Hazardous Location Notification (HLN)</b>	Sends warning alerts about possible hazards detected by in-vehicle sensors or infrastructure	Popescu-Zeletin et al, 2010
<b>Information &amp; Warning Functions (IWF)</b>	Transmits signals indicating vehicle breakdowns, detected traffic density and congestions, or road surface conditions, allowing the early warning of approaching vehicles	Maihöfer et al, 2004
<b>Limited Access Warning (LAW)</b>	Sends warning alerts via infrastructure about restricted access	Popescu-Zeletin et al, 2010
<b>Local Hazard Warning (LHW)</b>	Warns for hazards occurring far away in front of the vehicle by the means of communication	Ehmanns and Spannheimer, 2004
<b>Post-Crash Warning (PCW)</b>	Unmoving vehicles (because of an accident or mechanical failure) that disturb or endanger traffic send alert type warning messages to prevent collisions	Popescu-Zeletin et al, 2010
<b>Road Surface Condition Monitoring (RSCM)</b>	Monitors and informs drivers regarding degraded road surface conditions, such as wet or icy pavement	Bishop, 2005
<b>Slow Vehicle Warning (SVW)</b>	Sends warning alerts to surrounding rear vehicles about low speed to prevent collisions	Popescu-Zeletin et al, 2010
<b>Traffic Jam Ahead Warning (TJAW)</b>	Vehicles in a traffic jam send warning alerts about the position of the jam to approaching vehicles in order to avoid possible collisions	Popescu-Zeletin et al, 2010
<b>Working Area Warning (WAW)</b>	Sends warning alerts about road works, blocked lanes announced by infrastructure (roadside units) or distributed by other vehicles	Popescu-Zeletin et al, 2010
<b>Wrong Way Driving Warning (WWDW)</b>	Identifies vehicles driving wrong way and warns drivers of possible collisions	Popescu-Zeletin et al, 2010