

UC8: “C2C communication”

- *Context of use.* Automatic and semi-automatic notification of critical info (mostly dynamic info, such as environmental restrictions/problems concerning weather, traffic, road condition, road works, accidents, etc.) to other vehicles¹.
- *Primary actor.* The system/the vehicle.
- *Input (trigger).* Detection en-route of a critical event that may influence the transit (i.e. accident, road works, interruption of work flow for any reason, snowstorm, etc.).
- *Output.* The driver redirects the key info concerning the event to the other vehicle, providing coordinates and time of event detection (if these are not done automatically by the system).
- *Main success scenario(s).*
 - ⇒ **Step 1:** Key event detection by the system or the driver.
 - ⇒ **Step 2:** Provision of key info data together with coordinates and time of event detection to other vehicle(s).
 - ⇒ **Step 3:** Other vehicle(s) provide confirmation of receipt.
- *Connected UCs and extensions.* Pre-supposes UC9.
- *Indicative scenarios of use.*
 - ⇒ “Road works 100m before Tunnel Z”.
 - ⇒ “Snowstorm in Turin”.

¹ This is a functionality that will be not tested in the GOOD ROUTE Pilots, since there will be only one demonstrator, the IVECO one. However, cooperation with CVIS or another project may lead to partial common Pilots or demo.