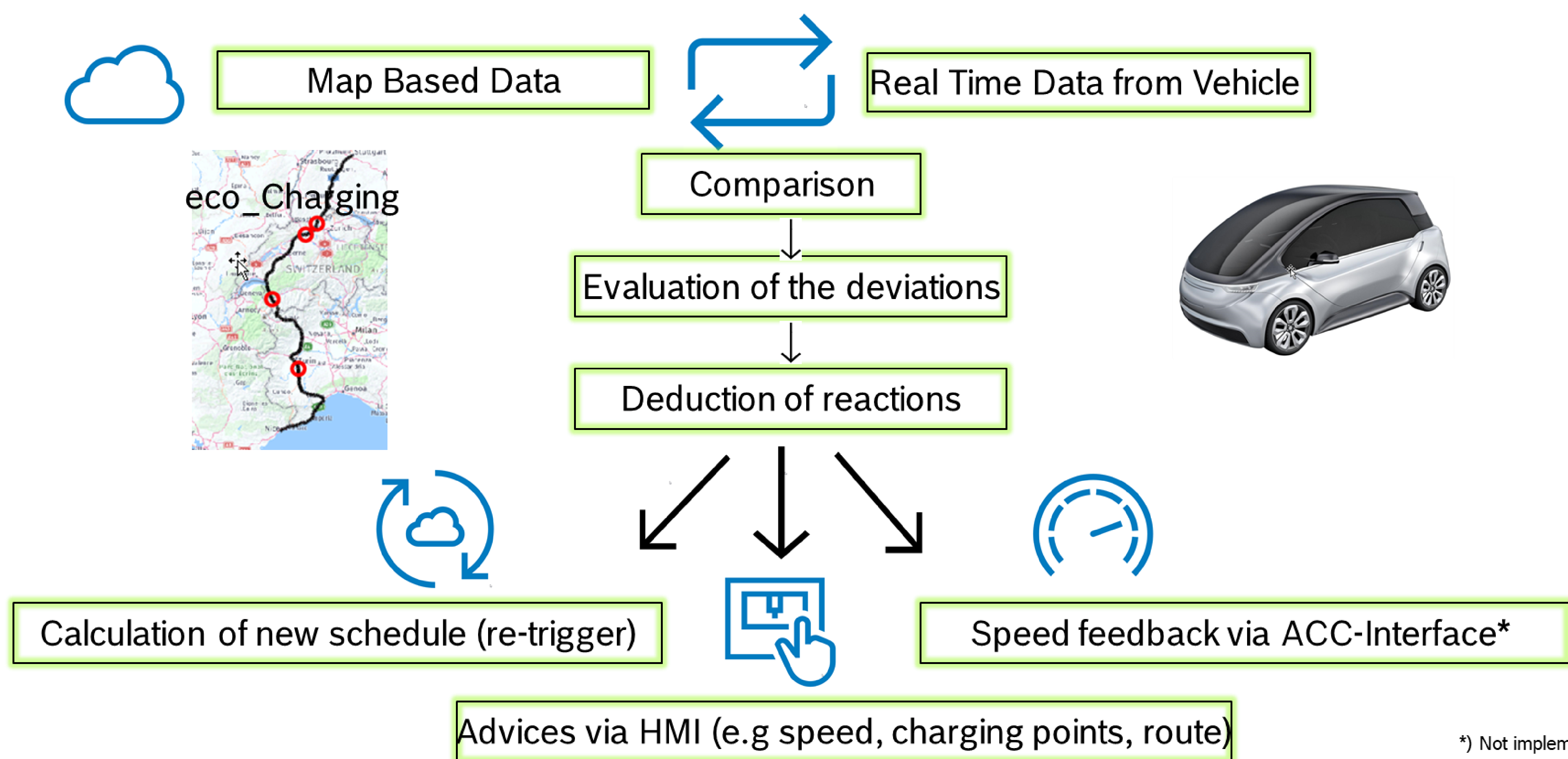


DEVELOPMENT TRIP ITINERARY FUNCTION

... the most important factor when traveling from A to B is:

- Arriving at the destination on time, at the scheduled (pre-calculated) arrival time.
- The **Trip Itinerary (TI)** function enables a dynamic update of the trip and keeps the estimated arrival time up to date.
- TI is the central interface between off-board trip optimizer and vehicle application software.
- TI compares actual vehicle state with trip plan and updates accordingly.



*) Not implemented jet

Functions:

- Receive map data including charging points from ECO-CHARGING for the entire trip and current position (GPS).
- Compare map-based data from ECO-CHARGING and real time measurement data provided from vehicle (position, travel time, stored energy, SOC).
- Calculate deviation and initiate or perform reactions (e.g., route recalculation, speed advice) in case of the deviations exceeded pre-defined threshold values.
- Send/receive information from and to HMI (e.g., information, advices).