ΕV **EVSE** Initiate ISO Initiate ISO Send data to **EVSE** Detect EV **EV** Protocol **EVSE** protocol Charge EV Charge status ISO15118 Communication via Green PHY Electric Charging simulator TCP/IP User input communication Request for the user (only eveny) via LAN input event + Charging **HMI Raspberry PI** Send data to Initiate HMI **EVSE** Receive data from EVSE **Touch Screen Display HMI State Machine**