

## Requirements Analysis

### Hardware Design

HW-Topology Design

ECU-Design

Firmware Implementation

### Software Design (Refinement)

Structural Design

SW-Component Design

Behavior Implementation

### Mapping

Component Mapping

Communication Mapping

ML2ECSL

Firmware Code Generation

ECU Integration

System Code Generation/Integration

Behavior Code Generation

**Code Generation**

GME/ECSL

SL/SF

**ECSL/CG**