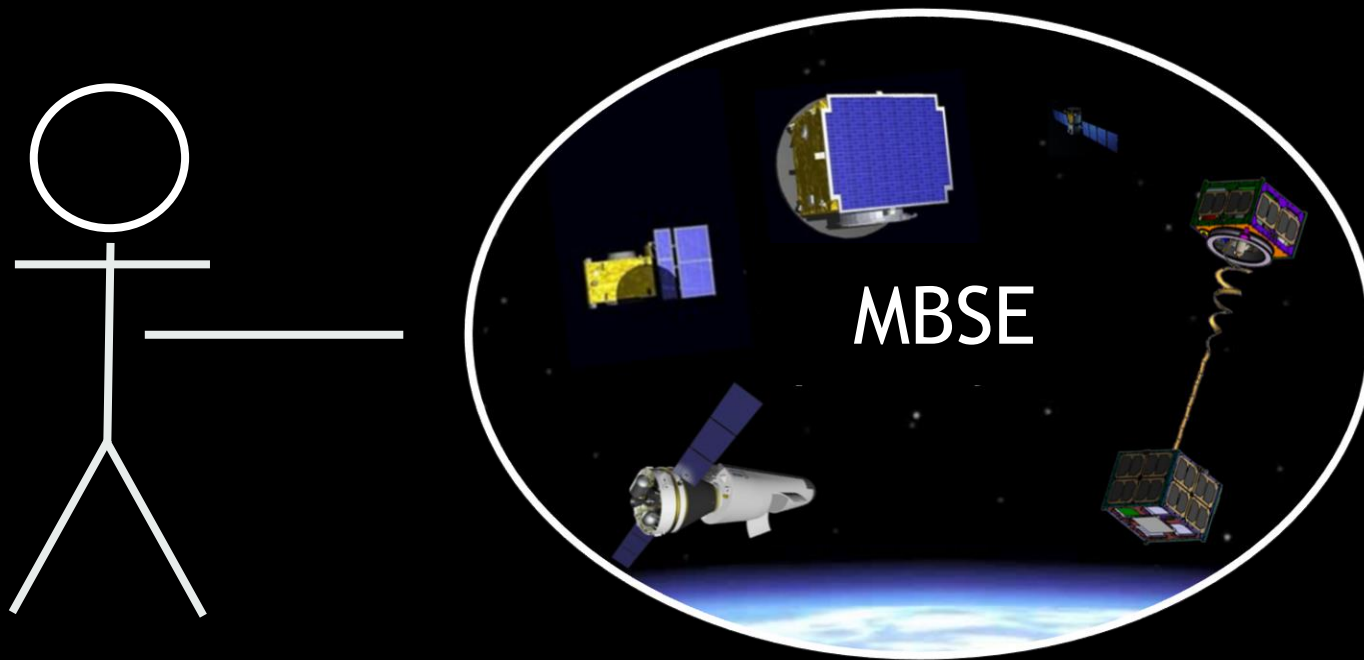


28 September 2021



Lorenzo Tarabini Castellani

Why SENER should implement MBSE?

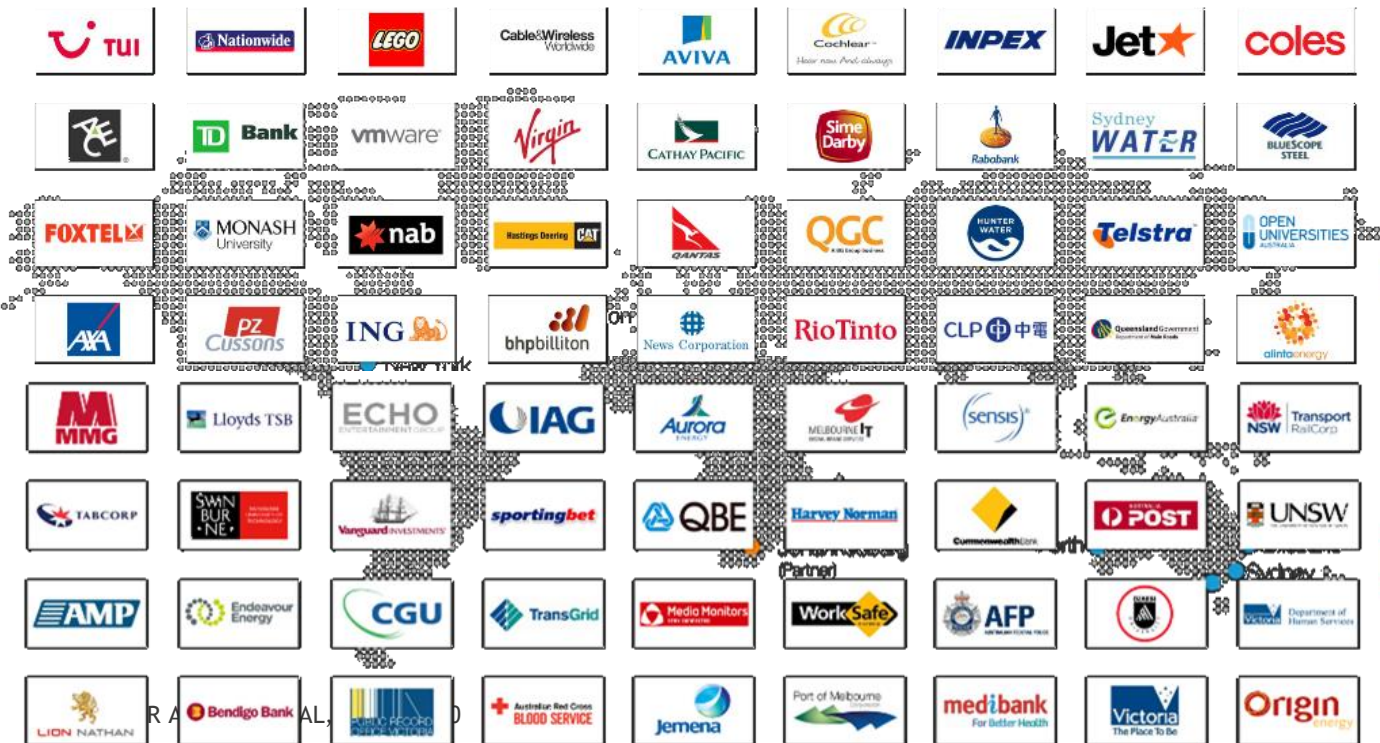
To get a working methodology supported by a tool to “do it right the first time”.

Do it
 **RIGHT**
the **first time!**



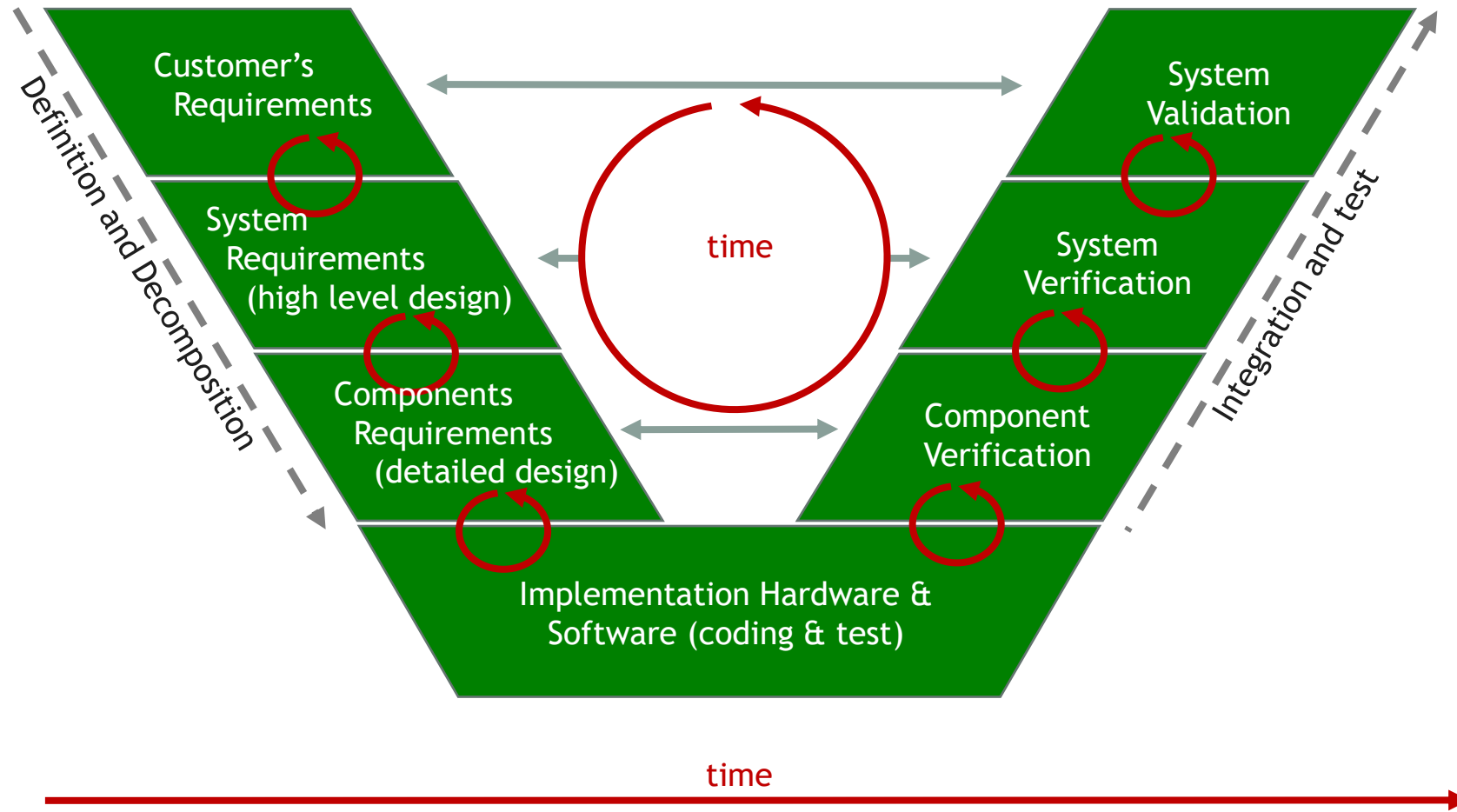
Who is using MBSE?

- Aerospace Industry
- Space Agencies
- Automotive Industry
- ...





The project life-cycle and the need for MBSE



Methodology and Tool to “Manage the Change”

- MBSE provides a methodology and a tool to support system engineer’s work.

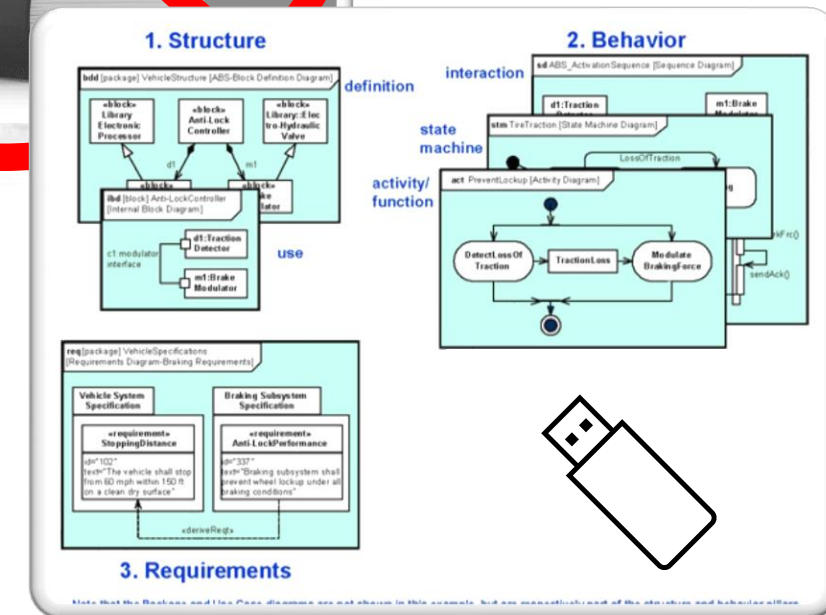
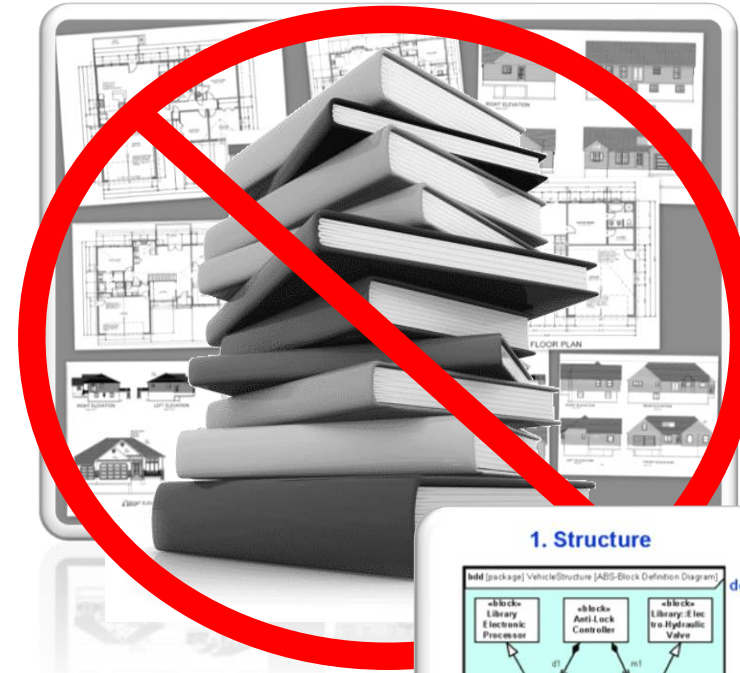




¿What is SysML?

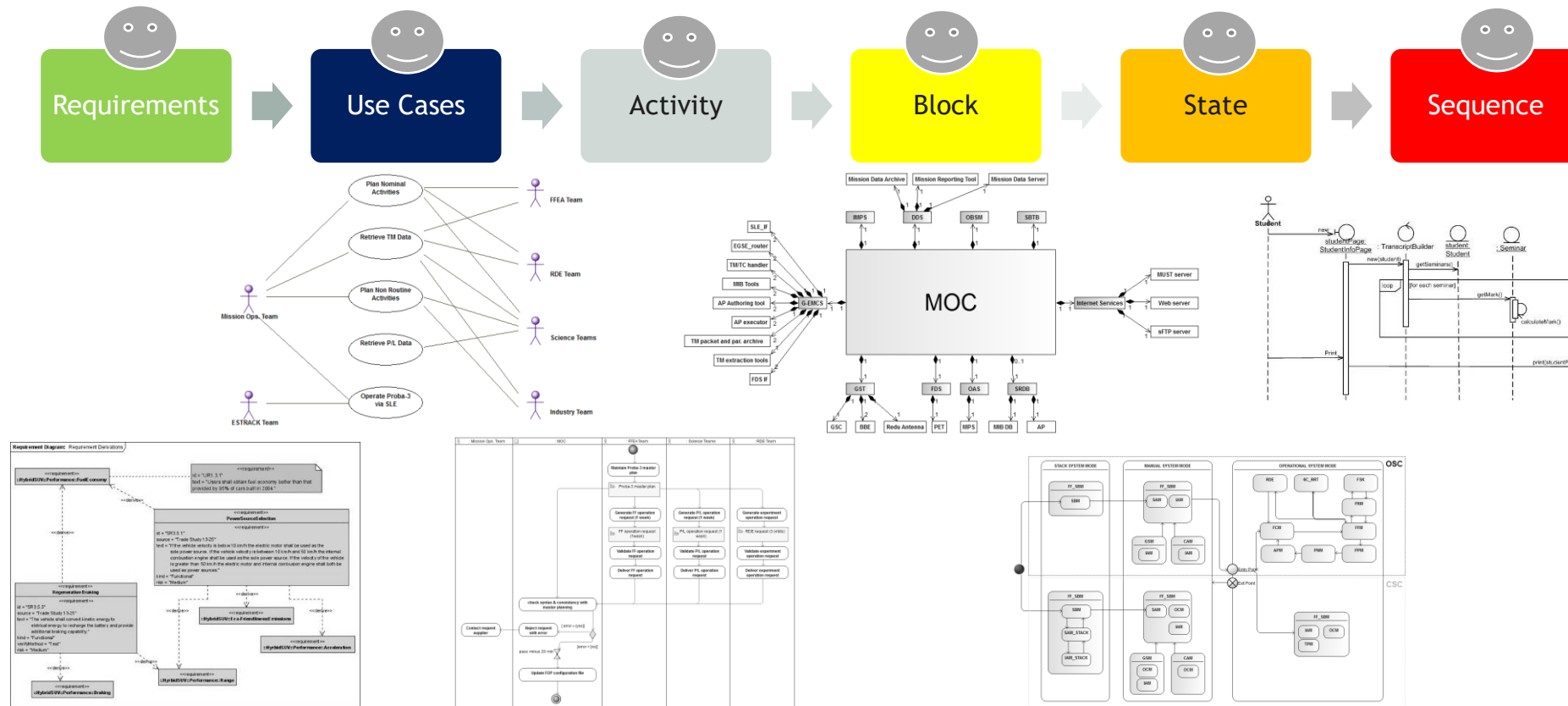
SysML is the “CAD” of the Systems. SysML describes any System with 3 types of graphics: Requirements, Structure and Behavior.

System description is kept in **electronic version**, generating automatically the documentation requested by the customer.



Nice boxes! But how does it help me?

SysML helps engineers to describe the system graphically using a universal grammar. In analogy with Simulink, all the information is in boxes.



THANK YOU

 www.aeroespacial.sener

 www.linkedin.com/company/sener

 www.youtube.com/user/senerengineering