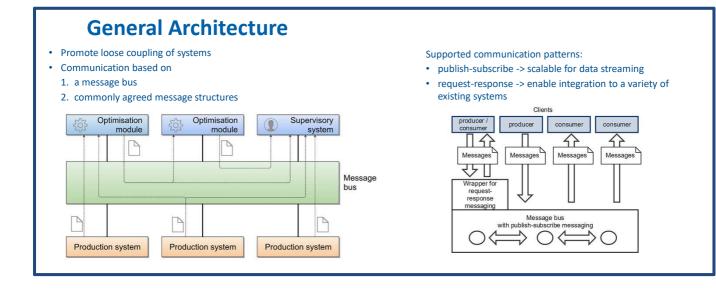
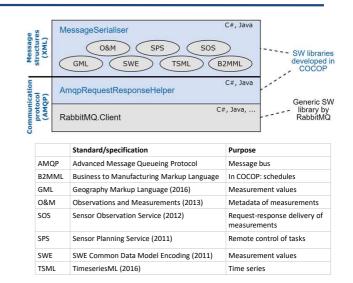


## **Software Architecture**

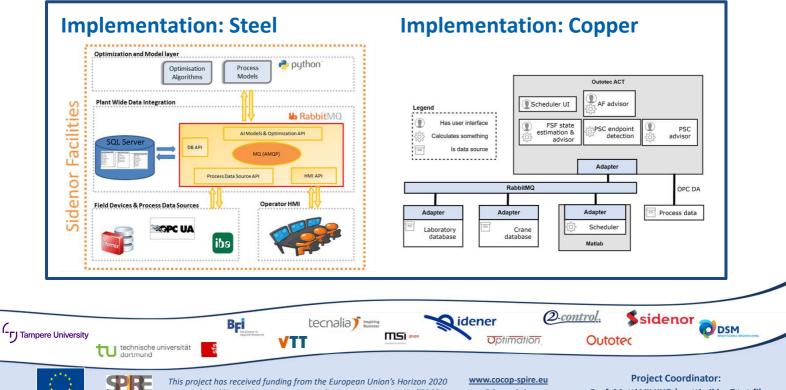


-SDK-

- Message structures and communication protocol are in separate layers
- The communication protocol is AMQP (v. 0-9-1)
- Messages structures are based on standards
  - O&M, SPS, SOS, GML, SWE, TSML: Open Geospatial Consortium (<u>http://opengeospatial.org</u>)
  - B2MML (implements ANSI/ISA-95): MESA International (<u>http://www.mesa.org/en/B2MML.asp</u>)
- SDK developed for .NET (C#) and Java
  - Still, messages are platform independent -> mixed platforms can exchange data



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