



Open source tools for the development of embedded systems

Progress of the POLARSYS Initiative



Silvia Mazzini
Silvia.Mazzini@Intecs.it

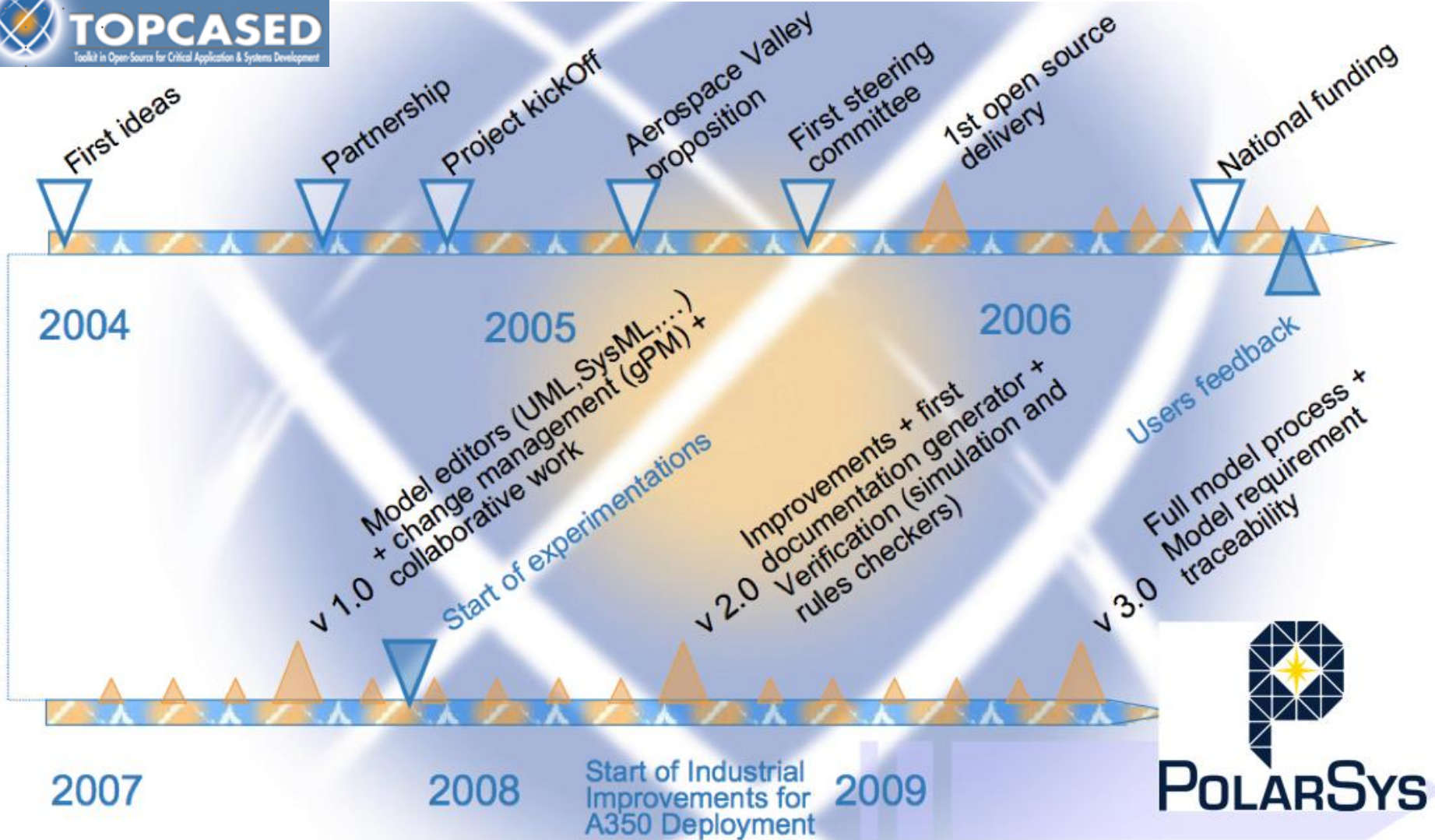


The Polarsys Initiative

- PolarSys (<http://www.polarsys.org>) is the industrial Open Source community for the development and maturation of tools for the engineering of embedded systems.
- PolarSys was created in 2012 as an Eclipse Industry Working Group



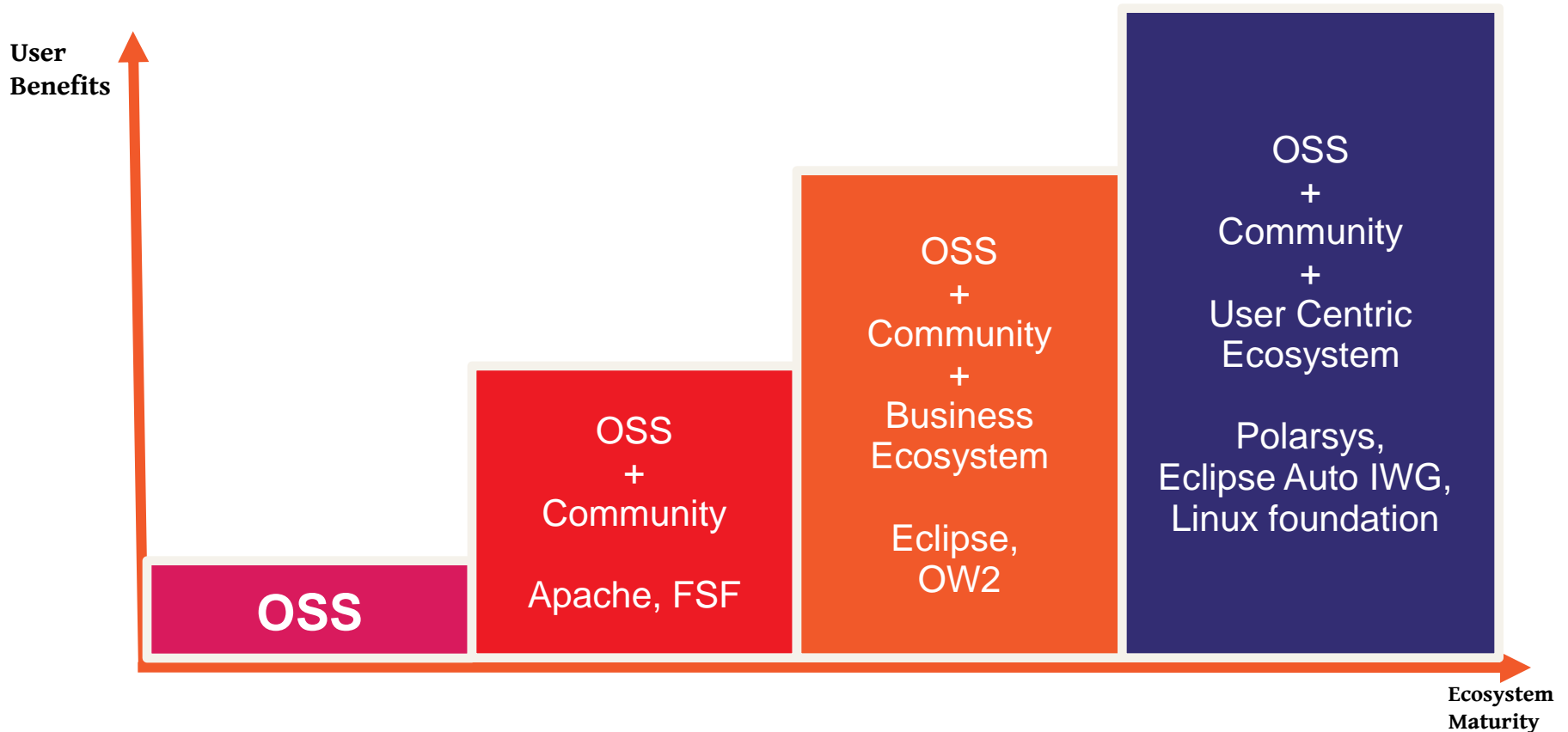
A bit of history



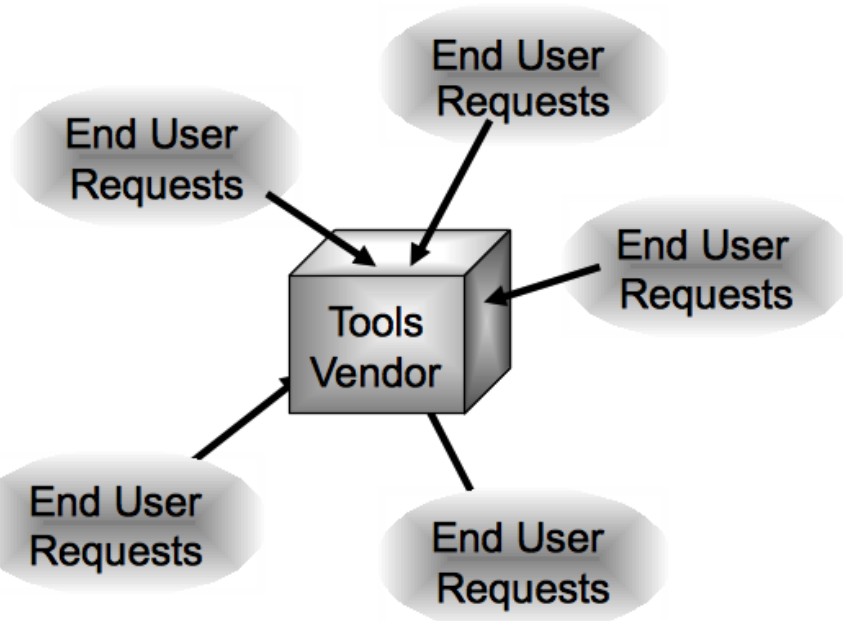


Super communities

New generation of OSS ecosystems



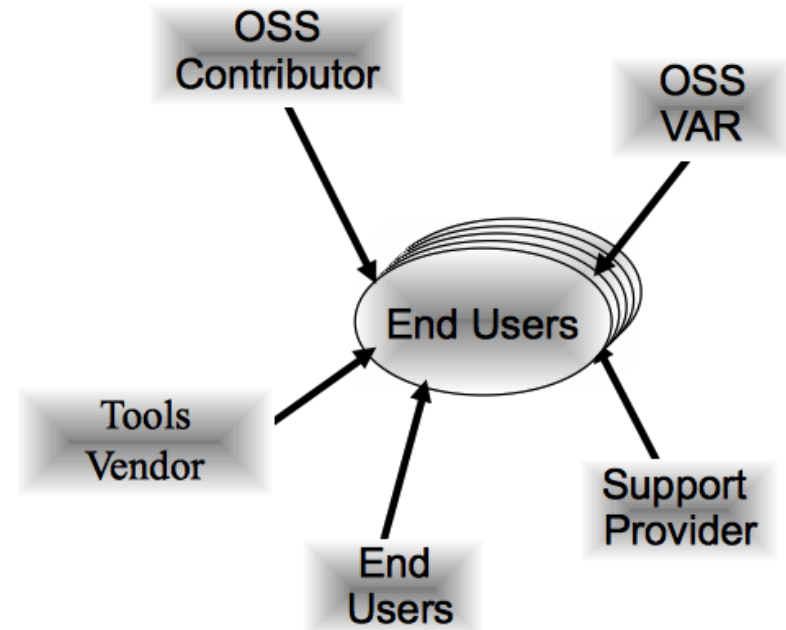
Switching to an industrial user strategy



Users need to adapt to the tools
Typically less than 20% Features Requests accepted



Usual Tools Vendor ecosystem



Users get the right tools for their needs
At least 80% Features Requests implemented as generic features
20% implemented as user extensions



Polarsys Target ecosystem



POLARSYS

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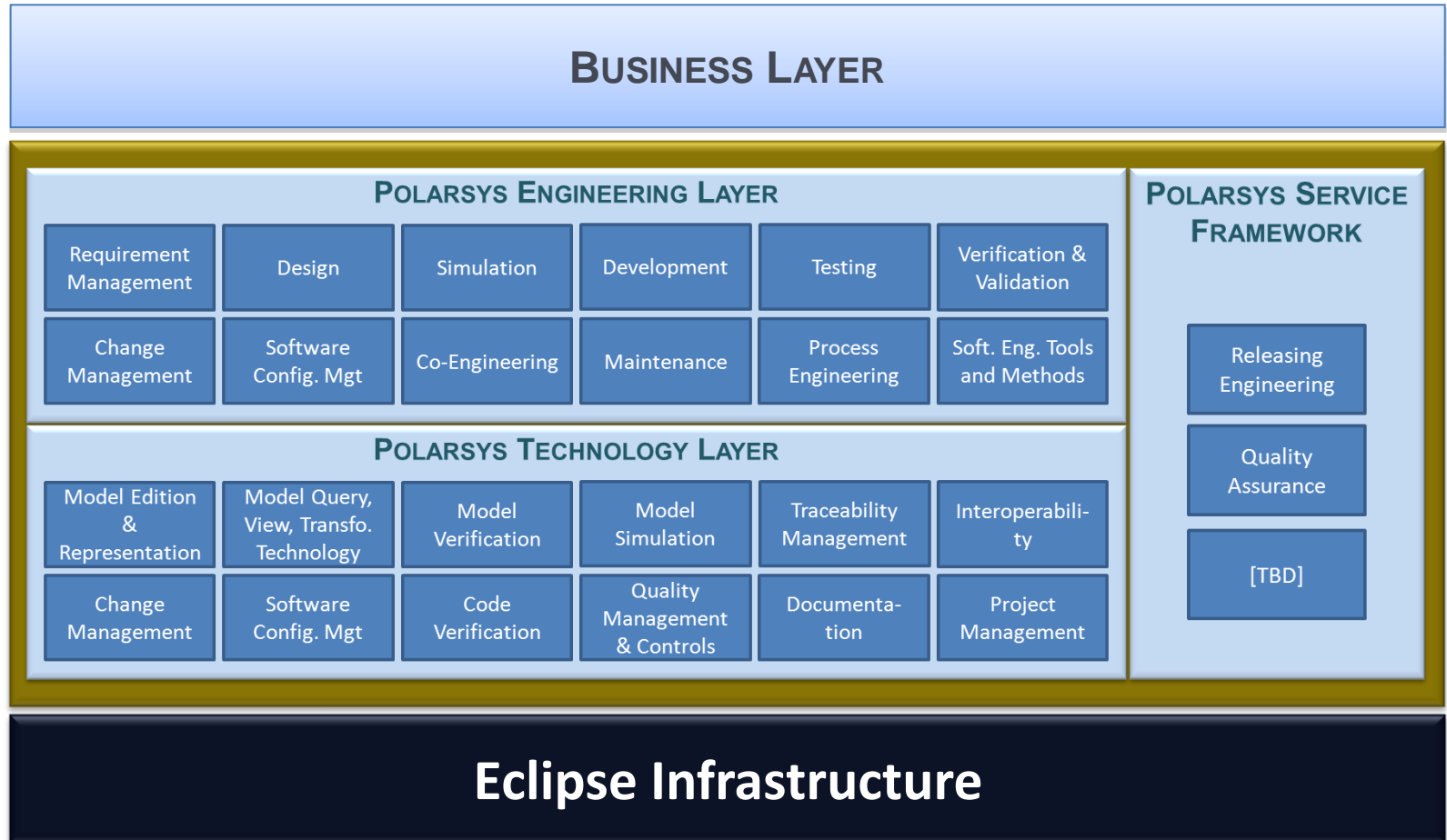
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The Polarsys Industry Working Group addresses specific issues of Industrial Users who create Embedded Systems with long life cycles.

- ✓ Open Innovation to create better methods and tools
- ✓ Computer Assistance and Automation
- ✓ Certification to ease the tools qualification in complex certification processes
- ✓ Very Long Term Support – between 10 and 75 years



Polarsys Domains – Big Picture



POLARSYS



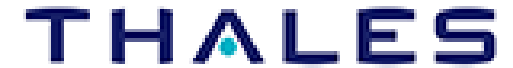


Roadmap

PolarSys IDE Releases 2013:

- PolarSys IDE 1.0 - Aligned on Kepler - Platforms: Windows (64 bits), Linux (64 bits), MAC, Solaris
 - PolarSys IDE 1.0M1: April 2013
 - PolarSys IDE 1.0M2: July 2013
 - PolarSys IDE 1.0: Oct 2013
 - Followed by PolarSys IDE 1.0 SR1 and SR2
- For the next releases, PolarSys IDE will be aligned on the planning of the Eclipse release train

Polarsys Members





Polarsys Steering Committee

Chairman

Pierre Gaufillet

pierre.gaufillet-at-airbus.com

+33-561-188-485

Spokeperson

Gaël Blondelle

gael.blondelle-at-obeo.fr

+33-672-120-226

Architect

Benoît Langlois

benoit.langlois-at-thalesgroup.com

Steering Committee member

Dominique Toupin

dominique.toupin-at-ericsson.com

<http://www.polarsys.org>

Twitter - @polarsys

Mailing list - <https://dev.eclipse.org/mailman/listinfo/polarsys-iwg>



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Thank you!