

# EATOP (EAST-ADL Tool Platform)

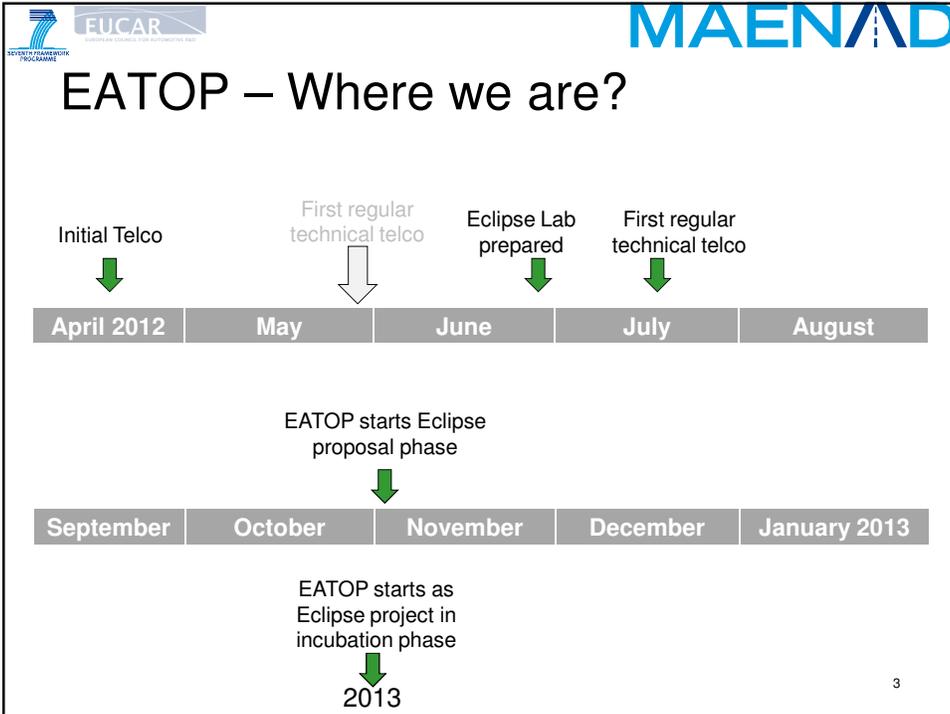
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## Content

- **Where we are?**
- EATOP infrastructure
- Present initial contribution

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- EATOP – where we are?**
- Latest work done**
- Eclipse Lab prepared
  - Initial feature map proposal
  - Transformation from Enterprise Architect file to Ecore file for EAST-ADL uploaded
  - Graphical editor in preparation for upload
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## EATOP – Eclipse Lab repository

<https://code.google.com/a/eclipselabs.org/p/eclipse-auto-iwg.eatop>

- Git repository for the final, consolidated EATOP code

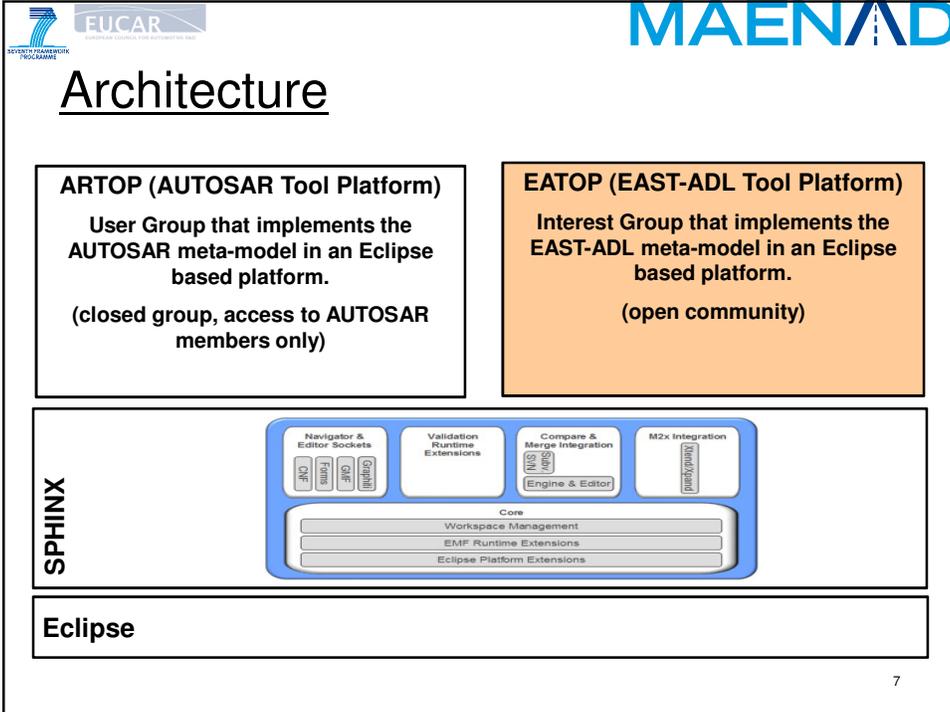
<https://code.google.com/a/eclipselabs.org/p/eclipse-auto-iwg.eatop-<ContributorShortName>>

- Contributions by single companies/institutes are collected in separate Git repositories following this naming convention
- As Git repositories cannot be deleted, be careful with naming rule

Existing contributor repositories:

<https://code.google.com/a/eclipselabs.org/p/eclipse-auto-iwg.eatop-conti>

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Id	Name	Description
org.eatop	EATOP Runtime	Includes EATOP runtime binaries (without source code and documentation)
org.eatop.source	EATOP Source	Includes source code for EATOP Runtime
org.eatop.doc	EATOP Documentation	Includes EATOP Developer Guide (Help)
org.eatop.sdk	EATOP SDK	Includes EATOP runtime, source code and documentation (but no examples)
org.eatop.ui	EATOP UI	Includes a collection of user interfaces that demonstrate the features and capabilities of the underlying platform, i. e. EATOP (with source code)
org.eatop.tests	EATOP Tests	Includes EATOP unit and integration tests
org.eatop.thirdparty	Third-Party Components for EATOP	Includes third-party components required by EATOP (selected Eclipse Orbit plug-ins)
org.eatop.metamodel21x.sdk	EATOP EAST-ADL 2.1.x SDK	The metamodel 2.1.x implementation including sources

## Next Steps

### Now

1. Administrate committers (S. Voget)
2. Initialize regular technical telcos (All initial committers)
3. Upload initial contributions (All initial committers)
4. Agree on architecture (All initial committers)
5. Start to refactor the uploaded code
  - E.g. delete any company specific name spaces or company specific IP statements

### End of 2012

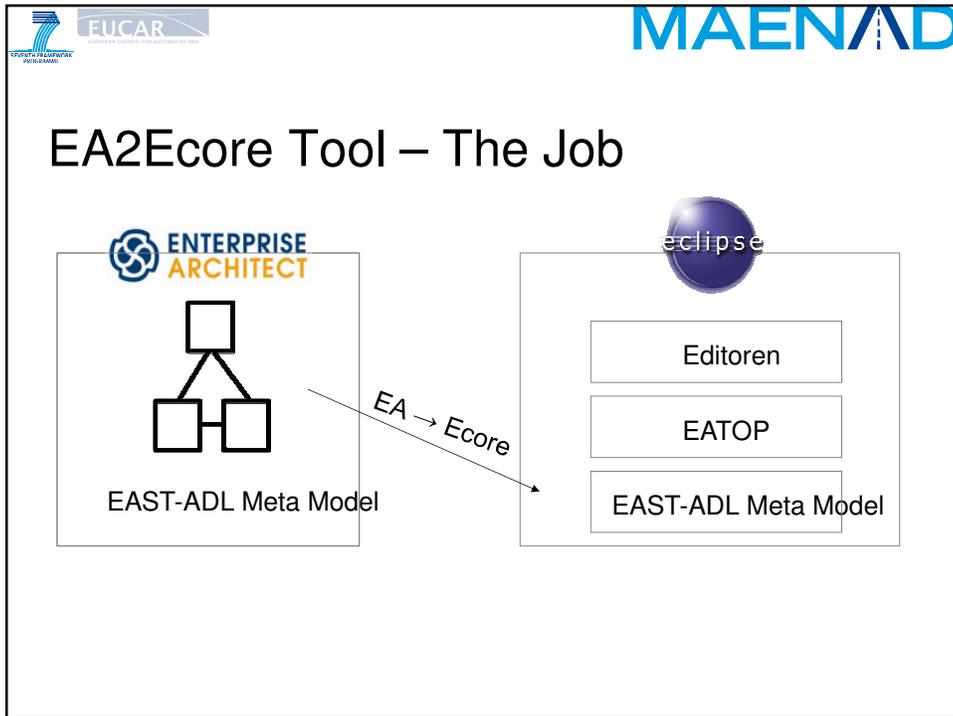
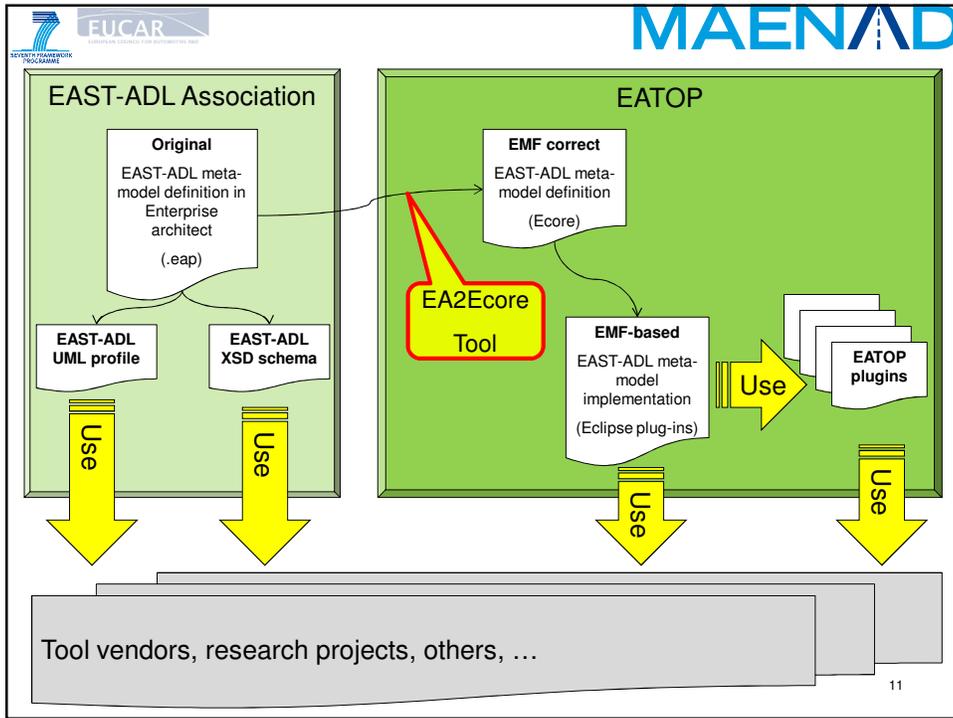
6. Win one more mentor for the project proposal (Voget)
  - A mentor helps a new project through the proposal phase
7. Propose project
  - At this point of time Eclipse scans the code to analyze IP rights
8. Project is created

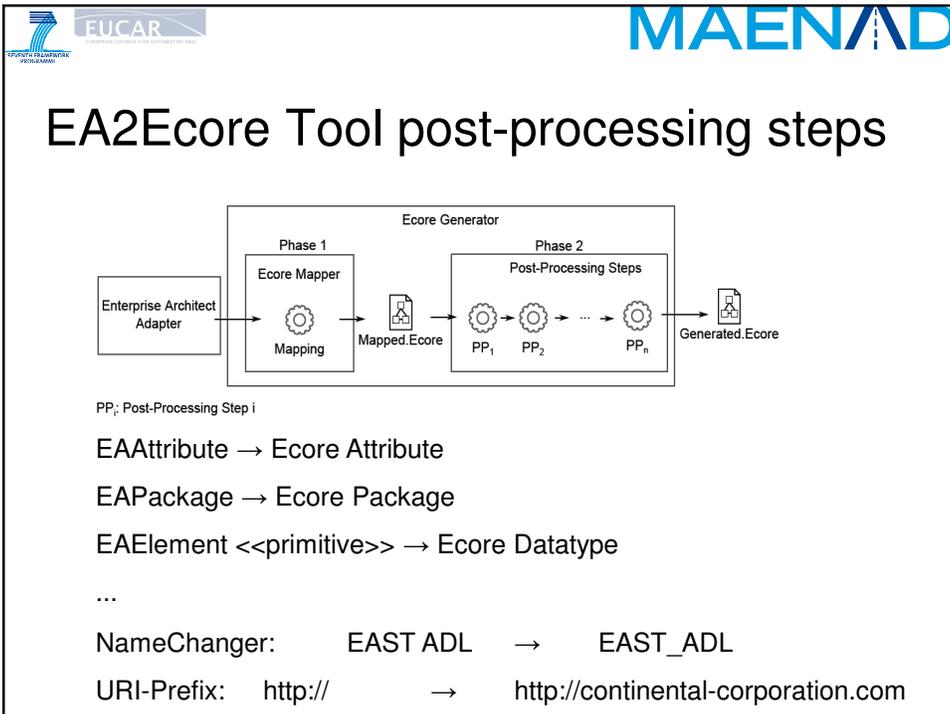
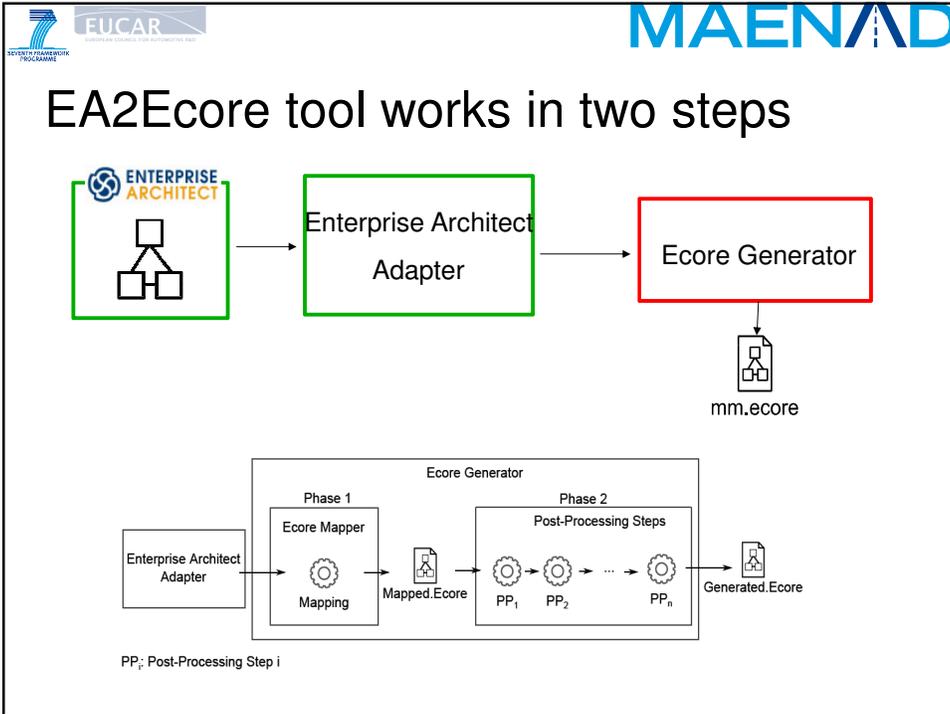
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# BACKUP

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# EATOP as Eclipse project

**Starting a new project**  
[http://wiki.eclipse.org/Development\\_Resources/HOWTO/Starting\\_A\\_New\\_Project](http://wiki.eclipse.org/Development_Resources/HOWTO/Starting_A_New_Project)

- Code is very important at Eclipse. All Eclipse projects are expected to have code.
- Eclipse projects are responsible for developing a community of users, adopters, and contributors.
- Before you bring your project over to Eclipse, you must have useful code and the beginnings of a community.

**Becoming a committer**  
[http://wiki.eclipse.org/Development\\_Resources/Becoming\\_a\\_Committer](http://wiki.eclipse.org/Development_Resources/Becoming_a_Committer)

- Establish a pattern of providing high-quality contributions to the project in the form of answers on forums, patches, test cases, and other intellectual property (IP).

**Paper Work**  
[http://wiki.eclipse.org/Development\\_Resources/HOWTO/Nominating\\_and\\_Electing\\_a\\_New\\_Committer](http://wiki.eclipse.org/Development_Resources/HOWTO/Nominating_and_Electing_a_New_Committer)

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## Glossary

### EAST-ADL Association

- The EAST-ADL Association is a non-profit, non-governmental organization with the aim of assisting and promoting the development and application of the EAST-ADL. ([www.east-adl.info](http://www.east-adl.info))

### MAENAD

- Model-based Analysis & Engineering of Novel Architectures for Dependable Electric Vehicles. MAENAD is an FP7 project funded by the European Commission. (01.09.10 – 30.08.13, [www.maenad.eu](http://www.maenad.eu))

### SAFE

- Safe Automotive software architecture. SAFE is an ITEA2 funded project (01.07.11 - 30.06.14, [www.safe-project.eu](http://www.safe-project.eu))

### EATOP

- Working title for future Eclipse project to provide tool platform realization of the EAST-ADL

### CESAR, OPENCROSS, pSafeCer, MBAT

- European projects addressing safety certification / qualification for cross domain applications

### EAST-EEA, ATESSST, ATESSST2

Finalized predecessor projects from MEANAD