Progress meeting on secondary tools
WP7 Task 7.2

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ITEA 2
INFORMATION TECHNOLOGY FOR EUROPEAN ADVANCEMENT

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Outline

1. **Motivation**
   - T7.2 Aim
   - Agenda
   - Preliminary candidates

2. **Conclusion**
   - T7.2 On going

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Objectives

- Identify the means and tools to complete the primary toolchain
- Evaluate the means and tools

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Categories

- Verification and validation means and tools
- Safety analyses support
- Model transformation and code generation tools
- Requirement management tools
- System analyses support
- Documentation management
- . . .

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Outline

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Agenda

Start May 2013
Progress Meeting July 2013
Criteria list August 2013
Decision September 2013

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Outline

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Verification and validation

- VnV plan (presented by Marc Behrens)
- First candidates (open list):
  - SCADE
  - System C
  - Classical B
  - Event B
  - RT-Tester
  - Fiacre/ Tina
  - Spark Ada (Gnat Prove)

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Safety analyses support

- Safety plan (presented by Jan Welte)
- First candidates (open list):
  - Goal Structure Notation (GSN)
  - Safety Architect
  - Color Petri Nets tool
  - Event B

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System analyses support

including requirement management

- Needs for SSRS activites and whole process (see block 4)
- First candidates (open list):
    - Pen and paper
    - Excel sheets
    - Matelo
    - GSN
    - ProR
    - SCADE
    - Rodin + plug-ins

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Model transformation and code generation

- Needs for model transformation and code generation
- First candidates (open list):
    - SCADE
    - Rodin + plug-ins
    - Classical B
    - EMF support

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On going work

- Who is volunteer to participate to the criteria definition ?
- Who is volunteer to evaluate an approach ?

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