Face To Face Technical Meeting,
General Assembly
HAIFA, 12-14 February 2018

STATUS

- General Progress
  - o status of the WP and overview of the sub-tasks (open, assigned, closed, postponed, delayed sub-tasks)
  - o already achieved results/delivered components (if new wrt M10 review meeting)
  - o description of the open issues and already foreseen actions to address them (plus corresponding working team) to manage them;
  - o relevant deadlines and/or discussion to be started;

DELIVERABLE PLANS

- discussion on deliverables
  - o tables of content
  - o responsibility assignment and deadlines definition

[Please note that a state of the art section with advances should be present for each technical deliverable, moreover we have been asked to define the relevance of the developed technologies wrt the use cases, how they can be used to achieve the use case goals]

February 12, DAY 1: TECHNOLOGY & TOOLS STATUS and PLAN, Location: Think Lab	
8:30-9:00	Gathering together
9:00-9:30 Chair: Michael + Francesca	Welcome and overview of GA agenda

9:30-11:00 (including interactive discussions, let's minimize the ppt) Chair: Joost Participants: ALL	[ANALYSIS & DISCUSSION] WP3
	 • Status (see above) [**Joost/Julio**]
	 • Deep dive into tasks technical activities
	    o Properties list & their modelling: deadline & content of the library including relevant levels of abstraction and tools to manage KPI [**Francesco**]
	    o Modelling of reconfigurable CPS and uncertain environment: deadline & models, tools and examples library [**Karol/Maxime**]
	    o Cross-layer concept and intermediate format for properties and models [**Julio**]
	 • Brainstorming on planned advances (state of the art has to be retrieved for each technical WP and included in the next deliverables) [**Julio/Joost**]: Task/deliverable Leaders should cooperate to define a list to be discussed
	 • Brainstorming on benchmarking and evaluation [**Julio/Joost**]: Task/deliverable Leaders should cooperate to define a list to be discussed
	    o Benchmarking alternatives
	    o Relevance of the developed technologies to the use cases
	 • Deliverable planning (see above) [**Deliverable Leaders**]

11:0-11:30	Coffee Break

11:30-13:00 (including interactive discussions, let's minimize the ppt) Chair: Francesca Participants: ALL	[ANALYSIS & DISCUSSION] WP4
	• Status (see above) [**Francesca**]
	• Deep dive into tasks technical activities
	   o Hardware based adaptation [**Eduardo**]
	   o Software based adaptation [**Joost**]
	   o Information-based adaptivity [**Leszek**]
	   o Integration work & plans for T4.4 [**Maxime**]
	• Brainstorming on planned advances (state of the art has to be retrieved for each technical WP and included in the next deliverables) [**Francesca**]: Task/deliverable Leaders should cooperate to define a list to be discussed
	• Brainstorming on benchmarking and evaluation [**Francesca**]: Task/deliverable Leaders should cooperate to define a list to be discussed
	   o Benchmarking alternatives
	   o Relevance of the developed technologies to the use cases
	• Deliverable planning (see above) [**Deliverable Leaders**]

13:00-14:00	Lunch

14:00-15:30 (including interactive discussions, let's minimize the ppt) Chair: Michael Participants: ALL	ANALYSIS & DISCUSSION] WP5
	• Status (see above) [Michael]
	• Deep dive into tasks technical activities
	   o Cross layer optimization of adaptive CPS [**Michael**]
	   o Requirements modelling and analysis of adaptive CPS [**Luca**]
	   o System in the loop simulation of adaptive CPS [**Joost**]
	   o Rapid prototyping of adaptive CPS [**Carlo**]
	   o Cross layers and cross levels of abstractions integration platform [**Gasser**]
	• Brainstorming on planned advances (state of the art has to be retrieved for each technical WP and included in the next deliverables) [**Michael**]: Task/deliverable Leaders should cooperate to define a list to be discussed
	• Brainstorming on benchmarking and evaluation [**Michael**]: Task/deliverable Leaders should cooperate to define a list to be discussed
	   o Benchmarking alternatives
	   o Relevance of the developed technologies to the use cases
	• Deliverable planning (see above) [**Deliverable Leaders**]

15:30-16:00	Coffee Break
16:00-17:30	General Assembly • Administrative obligation for the first reporting period • Documentation deadlines
19:00	Social Dinner

+[Parallel sessions can take place on specific sub-task activities or deliverables if at least one representative from each partner (having activities in the given WP) participate in above discussions]

February 13, DAY 2: USE CASE TO TECHNOLOGY MAPPING & ACTIVITIES TOWARD M18 REVIEW

9:00-10:30 Chair: Manuel Participants: ALL Location: **760**	[SPACE USE CASE] • Updates to be reported on Use Case requirements • Current usage of the toolchain • Tools & Technology brainstorming • Plans for partial prototyping: cooperation & deadlines, demonstration skeletons
10:30-11:00	Coffee break
11:00-12:30 Chairs: Hans Participants: ALL Location: **760**	[OCEAN MONITORING] • Updates to be reported on Use Case requirements • Current usage of the toolchain • Tools & Technology brainstorming • Plans for partial prototyping: cooperation & deadlines, demonstration skeletons
12:30-13:30	Lunch
13:30-15:00 Chair: Joost Participants: ALL Location: **760/TL**	[SMART TRAVELLING] • Updates to be reported on Use Case requirements • Current usage of the toolchain • Tools & Technology brainstorming • Plans for partial prototyping: cooperation & deadlines, demonstration skeletons
15:00-15:30	Coffee break
15:30-16:30 Chair: Katiuscia Participants: ALL Location: **TL**	Exploitation Workshop
16:30-17:00 Chair: Francesco Participants: ALL Location: TL	Updates on Communication and Dissemination Plan + Reporting
17:00-17:15	Coffee break
17:15-18:30 Location: **TL**	WP2: discussions on open deliverables to finalize 2.4 and defines updates on 2.7.

+[Parallel sessions can take place on specific sub-task activities if at least one representative from each partner (having activities in the given WP) participate in above discussions]
Parallel session: 1. DYNAA+MECA+AOW integration demo (Julio, Pablo, Evgeny, Gasser)

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February 14, DAY 3: PARALLEL SESSIONS – requires preparation!	
9:00-10:30 **10:50-12:20** **13:20-14:50** **15:10-16:40** **(Coffee breaks** **at 10:30,**	[OCEAN MONITORING – SMART TRAVELLING - SPACE] • Demonstration skeleton deliverable draft – e.g., finalizing document structure, parallel sessions per use case, consolidation session
	• F2f technical meetings on specific sub-task activities [SUGGESTION FROM TASK LEADERS] 1. security aspects

14:50, 16:40)	2. intermediate format: infrastructure (database and SEMI type APIs above it), environment (VM, Docker container?), demo of SEMI on the chosen DB for M18, evaluate intermediate format between AOW, DynAA, PREESM, MDC, VT, MECA 3. tools integration: environment and M18 demos 4. runtime engine 5. cross-layer models
	• Plans for specific exploitation/dissemination activity
17:00-18:00 Chair: Michael Participants: ALL	• Summary and Action Items • General Assembly (for open issues if needed)

Detail parallel sessions (not complete):

	Think Lab	**540**	**116**
9:00-10:30	Intermediate format (Julio, Gasser, Michael, Evgeny, Hans)	VT for Space use case (Luca, Simone, Manuel)	Runtime engine (Francesca, Maxime, Joost, Leszek)
Coffee break			
10:50-12:20	Security aspects (Francesco, Christian, Manuel, Hans, Joost, Luca, Michael?)	MDC+AOW (Francesca, Carlo, Michael?, Evgeny, Vladimir)	
Lunch			
13:20-14:50	Demonstration skeleton (Manuel, Hans, Joost, Gasser, Francesca)	PREESM+AOW (Maxime, Karol, Evgeny, Vladimir, Michael?)	
Coffee break			
15:10-16:40	CPS workshop (Francesco, Michael, Francesca, Carlo, Eduardo, Alfonso, Julio, Karol (remotely), Luca)	Tools integration and demo environment (Gasser, Evgeny, Maxime, Joost, Hans)	

February 15, DAY 4: Networking event
Jerusalem 8:00-23:00   • TBD

1 WEEK AFTER GA – REMOTE PMIB Meeting	

Chair: Francesca
Participants: PMIB
Members
	PMIB Meeting
	• Summary of the GA:
	  • WP action items
	  • Exploitation action items
	  • Dissemination action items
	• Actions related to AB comments