



**Project title:**

**STEAME: Guidelines for Developing and Implementing STEAME Schools**

**Reference number:** 2019-1-CY01-KA201-058240

**Implementation period:** November 2019 – December 2021

# **TPM - POLAND**

**9-10 November 2021, Krakow, Poland**

Venue of meeting: Novotel Krakow City West

Adress: Armii Krajowej 11, 30-150 Kraków, Poland

Meeting Room: "Jordan" Conference room - Level 0

or Online

# Agenda

Tuesday, 9 November 2021

Time (CET)	Action	Presenter – Comments
	<b>Arrivals</b>	
12:30-14:00	<b>Joint Lunch at the Novotel Krakow City West Hotel (Armii Krajowej 11, 30-150 Kraków, Poland) - Level 0</b>	ALL
14:00-14:15	<p><b>Meeting Starts</b></p> <p>P0. Cyprus Mathematical Society, <b>Cyprus</b> (Gregoris Makrides, Monika Tsartsali)            P1. Cyprus Pedagogical Institute, <b>Cyprus</b> (Eleni Papageorgiou, Giorgos Tsalakos)            P2. Pedagogical University of Krakow, <b>Poland</b> (Tomasz Szemberg, Justyna Szpond)            P3. Prof. Ivan Apostolov Private English Language School, <b>Bulgaria</b> (Polya Pavlova, Milena Koleva, Margarita Trencheva)            P4. Institute of Accelerating Systems and Applications, Greece (Eleni Adamidi-Online)            P5. Doukas School, <b>Greece</b> (Elpiniki Margariti)            P6. ITC Elsa Morante Limbiate School, Italy (Antonella Corrado)</p>	Welcome by the project Coordinator and the Host of Meeting Gregory Makrides and Tomasz Szemberg respectively
14:15-15:15	<p><b>Discussion of Outputs</b></p> <p><b>Progress of IO2:</b></p> <p>(O2. Guidelines for STEAME Activities in Schools for two age groups)</p> <ul style="list-style-type: none"> <li>- Final version of the O2</li> <li>- Finalization of the STEAME_L&amp;C handbook (EN version and other languages version)</li> </ul>	<p>O2 Leader: Doukas School, GR</p> <p>O2 Co-Leader: Cyprus Pedagogical Inst., CY</p>

## Tuesday, 9 November 2021

Time (CET)	Action	Presenter – Comments
15:15-17:00	<p><b>Progress of IO3:</b> (O3. Guidelines for STEAME School Organizational Structure)</p> <p>Chapter 1. overview and context (2-3 pages) – <b>IVAN + CMS</b></p> <p>Chapter 2. Results from the survey (10-12 pages) – <b>IVAN + Thomas</b></p> <p>Chapter 3. Results from the focus groups (13 pages) – <b>MONICA + ELENI (GR)</b></p> <p>Chapter 4. the STEAME training course for teachers, school heads and authorities (30-40 pages) – <b>ITC + IVAN</b></p> <p>Chapter 5. organizational structure of STEAME type A schools – existing schools (7 pages) - <b>IVAN + ITC + PIC</b></p> <p>Chapter 6. organizational structure of STEAME type B schools – newly established schools (10 pages) - <b>CMS + Tomasz</b></p> <p>Chapter 7. Policy Recommendations - <b>CMS + IVAN + PARTNERS</b></p>	<p>O3 Leader: Ivan Apostolov School, BG O3 Co-Leader: Elsa Morante School, IT O3 support by Gr. Makrides, CY</p>
17:00-17:15	<b>Break</b>	
17:15-18:00	<p>Timetables, activities Some discussion for O3 in conjunction with O1 and O2 Discussion / Decisions Planning the work for the next day</p>	ALL
19:00	<p><b>Joint Dinner at the Novotel Krakow City West Hotel (Armii Krajowej 11, 30-150 Kraków, Poland) - Level 0</b></p>	ALL

### Wednesday, 10 November 2021

Time (CET)	Action	Presenter – Comments
9:00 – 11:30	<p><b>FINALIZATION OF DOCUMENTS &amp; PLANNING:</b></p> <ol style="list-style-type: none"> <li>1. Dissemination reporting updates</li> <li>2. Promotion activities and tools - <u>5 newsletters published so far</u> (4 newsletters indicated in the proposal)</li> <li>3. Discussion for next TPM in Sofia (17-18 December 2021)</li> <li>4. Planning of the next multiplier events (Bulgaria in early December &amp; Italy at 29 of November) – Preparation of ME event report by All. Completion of the F4 form</li> <li>5. Finalization of the EU training course (Modules into Webinars)</li> <li>6. Q8 reports (Aug. – Oct. 2021) &amp; Q9 reports (Nov. – Dec. 2021)</li> <li>7. Indicators 24 months (Oct. 2021)</li> <li>8. F2 reports and evidence of travel for TPM in Athens and Poland</li> <li>9. Exploitation Plan (CYMS)</li> </ol> <p>PRODUCE THE TO DO LIST</p>	
11:30 - 12:00	Questions, concerns, clarifications	

### Thursday, 11 November 2021

Time (CET)	Action	Presenter – Comments
	Departures	

# STEAME Project Timeline

	2019		2020												2021													
	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24	M 25	M 26		
	11	12	01	2	3	4	5	6	7	8	9	10	11	12	01	2	3	4	5	6	7	8	9	10	11	12		
Project activity*	[Redacted]																											
A1: Project Management																										EX	EX	
A2: Quality Assurance and project Evaluation																											EX	EX
A3: Dissemination of project results																											EX	EX
O1. Guidelines for dynamic and adaptive STEAME curricula M1-M7									EX	EX																		
O1/A1: Analysis of European and Global characteristics in terms of activities, curricula and organizational structure									EX	EX																		
O1/A2: Analysis of results of at least 50 EU funded projects on STEM or STEAM									EX	EX																		
O1/A3: Use A1 and A2 to develop the guidelines																												

	2019		2020												2021												
	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24	M 25	M 26	
	11	12	01	2	3	4	5	6	7	8	9	10	11	12	01	2	3	4	5	6	7	8	9	10	11	12	
<b>O2. Guidelines for STEAME Activities in Schools for two age groups M4-M16</b>																											
O2/A1: Sample inquiry based learning and creativity plans: Grades 7-9																											
O2/A2: Sample inquiry based learning and creativity plans: Grades 10-12																											
O2/A3: Sample activity plan for cooperation between schools and research institutes																											
O2/A4: Pilot testing and compilation of Guidelines																											

	2019		2020												2021												
	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24	M 25	M 26	
	11	12	01	2	3	4	5	6	7	8	9	10	11	12	01	2	3	4	5	6	7	8	9	10	11	12	
<b>O3. Guidelines for STEAME School Organizational Structure M10-M23</b>																											
O3/A1: TYPE A Schools (how to modify structures in existing schools)																											
O3/A2: TYPE B Schools (how new schools should be structured)																											
O3/A3: Discussion with school authorities to determine the level of possible adaptability under current structures of flexibility to change																											
O3/A4: Design a training course for teachers, school heads and authority representatives																											

	2019		2020												2021											
	M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12	M 13	M 14	M 15	M 16	M 17	M 18	M 19	M 20	M 21	M 22	M 23	M 24	M 25	M 26
	11	12	01	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
<b>M1:</b> Kick off meeting	CY																									
<b>M2:</b> 2nd partners meeting						BG	EX	EX	EX	EX	ON															
<b>M3:</b> 3rd partners meeting										PL	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	EX	PL
<b>M4:</b> 4th partners meeting																	GR	EX	EX	EX	EX	EX	EX	GR		
<b>M5:</b> 5th partners meeting																				CY	EX	EX	CY			
<b>E1:</b> STEAME Final Conference –Cyprus																							CY	CY		
<b>E2:</b> STEAME Mini Conference – Greece																	GR	EX	EX	EX	EX	EX	EX	EX		
<b>E3:</b> STEAME Mini Conference – Bulgaria																			BG	EX	EX	EX	EX	EX	EX	
<b>E4:</b> STEAME Mini Conference – Poland																			PL	EX	EX	EX	EX	EX	EX	
<b>E5:</b> STEAME Mini Conference – Italy																			IT	EX	EX	EX	EX	EX	EX	
<b>C1. Training Activity</b>																	GR	EX	EX	CY						