MINUTE FOR GROUP WORK
COMENIUS School Partnerships
"European CNC-Network – Train for EUROPE – RELOADED"

Meeting Description	Second Project Meeting in Lisbon (Portugal)
Meeting hosted by	CENFIM

Date / Time / Place	Tuesday, 6th March 2012
Name of Workline	Workline C – European Electronic Map
Name of Workgroup	Work Group 7

Representative workgroup member	[BE] Vleugels Bram
Co-representative workgroup member	[BE] Dirk Tormans
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Further workgroup members	[BE] Niels Gijbels, [BE] Jef Van Gorp , [BE] Maarten Daems
	[HDH] Eglsew Stephan, [HDH] Christina Lohmayer, [HDH] Florian Planthalen
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Minute written by	[BE] Dirk Tormans

Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance	Responsible school(s) or person(s) incl. deadlines

1. We resumed briefly the work we did in Croatia.
 	
2. For the Electronics we decided the following:
 	
    a. We make one PCB with the receiver and a connector for every country. With this connector we can connect every piece of the map with the PCB.
 	
    b. Every country has the same electronics for the map:
        i. 1 LED for the capital and 1 for the city of the school.
        ii. LCD for some text messages.
 	
    c. Every wagon has a transmitter. IR-transmitter with the RC5 – code and every country gets an unique code to send to the receiver.
 	
    d. The receiver will receive this unique code and will activate the right connector and so the right country.
 	
    e. We will use a 10 pins connector and some 10 wire flat cable.	

Description of work progress: **Topics / Tasks / Results / Decisions / Facts of importance**	**Responsible school(s) or person(s) incl. deadlines**

3. For the European Map we decided the following:
 	
    a. There will be a roll-up map with the shape of Europe totally painted or printed in black.
 	
    b. The electronic wires will be mounted on this roll-up map.
 	
    c. And then there will be a puzzle covering all of this
        i. Every country makes its own scaled country in ALU.
            1. If the country is to big to make it in one piece, they can split it up in more puzzle pieces.
            2. There must be some space between the borders, depending on how detailed the borders will be. Very detailed will require more space between the borders.
 	
4. We also made a proposal for the power-supply. We would like to work with green energy. Solar panels!
 	
5. Homework:
 	
    a. Find a map for the roll-up map.
 	
    b. Decide which scale will be used for the countries
        i. Depends on the track
 	
    c. By the meeting of May the schematics for the electronics should be prepared.	