

<b>Meeting Description</b>	Second Project Meeting in Lisbon (Portugal)
<b>Meeting hosted by</b>	CENFIM

<b>Date / Time / Place</b>	Thursday, 8 <sup>th</sup> March 2012
<b>Name of Workline</b>	Workline C – Electronic Map
<b>Name of Workgroup</b>	Work Group III

<b>Representative workgroup member</b>	[PT] Rui Alves
<b>Co-representative workgroup member</b>	[HU] Norbert Pálfi
<b>Co-representative workgroup member</b>	[FR] Oustalet Romain

<b>Further workgroup members</b>	
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<b>Minute written by</b>	[PT] Paulo Carreira
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<b>Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance</b>	<b>Responsible school(s) or person(s) incl. deadlines</b>
<p>We start the discussion with a talk about the best ideas of each group as showed in Tuesday and we can concluded the best idea is:</p> <ul style="list-style-type: none"> <li>- We have a buttons with each flags of countries;</li> <li>- We push one button and LCD shows a video or a song of the country;</li> <li>- When we push de button, the wagon could be lighted.</li> </ul>	

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<b>Meeting hosted by</b>	CENFIM

<b>Date / Time / Place</b>	Friday, 9 <sup>th</sup> March 2012
<b>Name of Workline</b>	Workline C - European Electronic map
<b>Name of Workgroup</b>	Work Group III

<b>Representative workgroup member</b>	[PT] Rui Alrees
<b>Co-representative workgroup member</b>	[HU] Norbert Palfi
<b>Co-representative workgroup member</b>	[FR] Romain Oustalet

<b>Further workgroup members</b>	The delegations:
	Norway, France, Portugal, Hungary, Turkey and Germany.

<b>Minute written by</b>	[NO] Lena Mari Roos Skjervold
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<b>Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance</b>	<b>Responsible school(s) or person(s) incl. deadlines</b>
<p>Topic: European Electronic Map</p> <p>Task: how to make and design the electronic map and how to connect and get the map and wagons to work.</p> <p>First one of the students present a presentation about our idea about that every country makes their own hexagon shaped map of their country. This we discussed on the first meeting.</p> <p>Discussion:</p> <ul style="list-style-type: none"> <li>- How to the map and the wagons to light up?</li> <li>- Should we use buttons and control it manually?</li> <li>- Is solar energy a good alternative? We could use solar energy to charge the battery in the wagons for lightning the LED´s.</li> <li>- Geographical shape</li> <li>- CNC-technology</li> <li>- Should the map be a puzzle?</li> <li>- Communication between wagons and map</li> <li>- One battery in every wagon or a coupling that can give more than one wagon power. Maybe the last idea is a little difficult?</li> <li>- Lithium battery?</li> <li>- Infra-red transmitter (on the computer)</li> </ul> <p>We have to discuss this with the coupling group.</p>	

**Description of work progress:  
Topics / Tasks / Results / Decisions / Facts of importance**

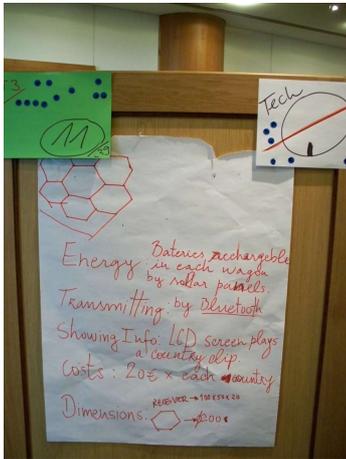
**Responsible school(s) or  
person(s) incl. deadlines**

Homework to everybody in Group III:

- Find out what type of communication we should use between the map and the wagons.
- There were no electronic student at this meeting

Finally:

Preparing the presentation for the rest of the "train family".



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