



MINUTE FOR MEETINGS COMENIUS School Partnerships



“European CNC-Network – Train for EUROPE – RELOADED“

Meeting Description	Third Project Meeting in Celje (Slovenia)
Meeting hosted by	Šolski Center Celje - Srednja Šola za Strojništvo, Mehatroniko in Medije
Minute written by	[LT] Rita Jakstiene

Date / Place / Time	Activities / Results / Points of importance
<p>HARD WORKING INITIAL DAY Friday 11th May 2012</p> <p>Room B-12 09:00</p>	<p>Good Morning Flashlight [LT] Heinz started the meeting with “good morning” and asked Denis Kac to open the meeting.</p> <p>Denis welcomed everyone to Celje and made a short school presentation. He also introduced his school team and administration.</p> <p>Mr. Igor Dosedla, the director of the school, also welcomed everyone to Slovenia and Celje, the third city of Slovenia. He was very glad that almost all Europe came to their school.</p> <p>Heinz and Martin once again welcomed all participants to the third meeting in Celje and made a short overview of the project:</p> <ul style="list-style-type: none"> • The data of the project (128 persons, 24 schools, 23 countries, the project budget 500 000 Euros); • Thanks to the organizing team of Celje; • Project minutes should be written by Ireland, Italy and Lithuania. • Workline A: 4 locomotives (4 groups consisting of 6 schools); • Workline B: 24 individually produced wagons with the same undercarriage, the same clicking system etc.; • Workline C: European Electronic Map (EEM) – the concept discussed in Portugal, details will be discussed in Celje. The winning team will take over the coordination; • Workline D; supporting tasks in 8 workgroups. • The demand of the resolution K.I.S.S. – keep it smart and (not only) simple. • Motto – WHAT WE HAVE DONE TO CONNECT PEOPLE. <p>Information for the first workday:</p> <ul style="list-style-type: none"> • 10.00 Workline A: “Locomotive” discussions in four groups; • 10.00 – 12.00 HDH workshop. • 12.00 meeting in B-12. Each group must prepare a short presentation of their work. <p>Denis explained how to find the rooms: B – the second floor, C – the third floor, D – the fourth floor. He gave the menu for lunch in the school restaurant and asked to go for lunch in two groups: 13.00 – locomotive groups 1 and 2; 13.45– locomotive groups 3 and 4.</p> <p>12:00 – 13:00 Room B-12 4 groups of Workline A – “Locomotive” made their short presentations. They all presented their homework and the problems they’d have to solve.</p> <p>Heinz pointed out that all the groups worked properly and invited to ask questions. Heinz from the Alps reminded that each locomotive should have the same electric devices due to EEM – that is a transmitter and a microprocessor.</p>

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	<p>13:00 – 14:30 Lunch break in school restaurant.</p> <p>14:30 – 16:30 Group work in workline B “Wagon components” and HDH workshop.</p> <p>At the end of the group work session “Train Family” members were surprised with Slovenian national music played by the school students. We all had a very entertaining break from work.</p> <p>16:30 After the break “Wagon components” group work. reassembled in B-12, presented their visions and answered the open questions:</p> <p>“Coupling” Only five parts for coupling will be needed, so it’s possible to produce for everyone. Material – aluminium (perhaps).</p> <p>“Running smoothness” It will be tested with pulley and weights. Recommendations:</p> <ul style="list-style-type: none"> • maximum wagon weight – 2 kilos, • maximum effort to pull the wagon – 1N (Newton), • Shape of the track – as simple as possible, • Wheels – made of aluminium. <p>After some discussions it was decided that 0,5 N should be enough for each wagon, but calculations for the engine power should be 2 N.</p> <p>“Track parcours”</p> <ul style="list-style-type: none"> • Two different models were made, • the shape – “cross” (only cross and curves, no straight lines), • advantages and disadvantages were discussed of making the “cross” (108 degrees) on track parcours, • The radius is 3 metres, one stretch is about 1 metre. <p>Some questions were asked concerning friction, the length of the track, the material. The suggestion was to make a test for a plastic track.</p> <p>“Wheel design” The representative showed the sketches (of wheels) and suggested that the choice of the material would be left for schools, but after the discussions it was decided that we should vote for the wheel design and material. These open questions are still left till Monday.</p> <p>“Creative group” Their decision is to make stickers for wagons with our motto and the sign of EU. Scandinavian countries will organize sticker competitions in their countries and the best stickers will be brought to Austria for our final voting.</p> <p>“Electronic gimmicks” Only one student participated in the group, so no decisions were made.</p> <p>“Common undercarriage” Three different undercarriages were produced. On Monday they will make a common solution – taking the best parts of each undercarriage and putting them into one.</p> <p>“Clicking system” The first idea was too simple, so they’ve made a new decision and they will explain it on Monday.</p> <p>19:10 Good Evening Flashlight Heinz and Martin resumed that the results achieved during the day were really good and expressed hope that the week would also be very productive.</p>