

COMENIUS SCHOOL PARTNERSHIP
COMMON RESOLUTION OF PREPARATORY VISIT
26-11 TO 01-12-2009 IN DUNAUJVAROS (HUNGARY)
“European CNC-Network – Train for EUROPE - RELOADED”



***The participants of the preparatory visit for the
“European CNC-Network – Train for EUROPE – RELOADED”
have agreed to the following common resolution:***

1. The participants will work on the basis of the established European CNC-network as it was developed in the COMENIUS school partnership “European CNC-Network - Train for EUROPE” and is therefore based on the continuation of the previous one.
2. The school partnership is meant to be open for new members as well as for experienced partners, who have already been participating in the COMENIUS Project “European CNC-Network - Train for EUROPE”.
3. The project is going to begin in 2011 as part of the European COMENIUS programme “Lifelong Learning” (COMENIUS School Partnerships) and will run for two years.
4. The participants have selected English as working language.
5. The participants have agreed on a common product named “European CNC- Network - Train for EUROPE - RELOADED”.
6. The locomotive and the wagons will be improved in order to fit into the new concept of the project.
7. The locomotive and each wagon should have the same measurements as already defined in the “Train for EUROPE” – project (width of 100 mm and a maximum length of 400 mm for the locomotive and 300 mm for the wagons).
8. The different parts of the locomotive will either be the result of common planning and manufacturing based on work groups or planned and manufactured by schools or partners individually.
9. The different locomotives will have to be designed with special focus on speed, power, design and cost efficiency.
10. The undercarriage of the wagons will be improved and optimized in several ways in terms of weight and possibilities in CNC- production as realized in the concept of compatibility in the major train building companies (standardized undercarriage + specific upper parts).
11. Each partner will have to produce at least one undercarriage for a wagon.
12. The upper parts of the wagons will have to be designed under a common motto, which must be defined in the first meeting.
13. Each participant will build at least 10 (ten) upper parts of the wagons designed according to the common motto – one for school’s own use and the other ones in order to allow exchange between project partners. The rule of “K.I.S.S.” (“*Keep it smart and simple*”) should therefore be obeyed when designing and constructing the upper parts of the wagons.
14. Each wagon will be equipped with electronic devices in order to communicate with the “European Electronic Map”. The electronic devices and communication will be powered by solar energy or other alternative sources of energy.
15. The “European Electronic Map” is a map meant to display the geographical shape (outlines) of the different European countries and is manufactured on the basis of CNC-technology. The “European Electronic Map” will be designed as a puzzle.
16. The partners will develop a CNC-based course in order to be used in lessons, for example for CLIL (content and language integrated learning). The course will deal with the production of a wagon.
17. The partners will improve the railway tracks and integrate the electronic devices which will make communication with the “European Electronic Map” possible.
18. The partners will come to an agreement regarding costs, manufacturing options and the designs.
19. Associated partners are also welcome to take part in this school partnership.



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20. The participants plan to meet four times during the project:
 - Oct 2011: Coordination and distribution of the different tasks, esp. communication.
 - Mar 2012: Assessment and agreement on the technical designs and drawings as well as planning and coordination of the production and other planned tasks.
 - Sep / Oct 2012: Testing and troubleshooting
 - Apr 2013: Final assembly and presentation of our project “Train for EUROPE - RELOADED”.
21. The participants will cooperate in
 - exchanging and developing teaching and training methods and materials.
 - equalizing the differences in teaching, training methods and equipment.
 - developing the existing multilingual internet platform as a basis for a long-lasting communication.
 - enlarging the internet- based multilingual technical dictionary.
22. Each step of the project requires the continuous engagement of the students.
23. The project is integrated in the targets and goals of the curricula for the training programs of the different metal-working and electrical professions.
24. Students and teachers should benefit from the exchange of experience by mutual visits.
25. Communication among project partners will mainly be internet-based. Therefore, the partners and especially the students should be provided with the technical equipment and methods needed for internet-based communication. Students therefore will have to be enabled to use the different media continuously.
26. An agreement on the coordination of the project is still left open in order to allow any participating school to take over.
27. Prior to the beginning of the project the participants will try to recruit additional participating partners. The school partnership is open to any educational institution, so as many European countries as possible should be involved in the project.

The partners are convinced that this project is perfectly suited to work out another successful project supported by the “European CNC-Network”.

The result of our efforts symbolizes the successful cooperation of the different European educational institutes.

We are confident that we have found with this project an excellent example that will increase the “European spirit”.