

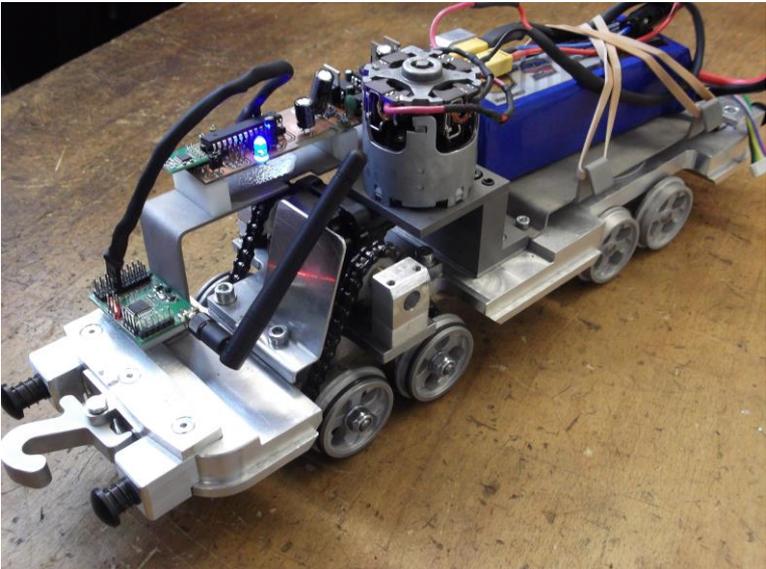
Meeting Description	Final Meeting
Meeting hosted by	BBS TGHS Bad Kreuznach

Date / Time / Place	Saturday, 06 th April 2013, School, Room No. Metal Workshop (includes all discussions, troubleshooting and decisions at final meeting)
Name of Workline	Workline A – Locomotive
Name of Workgroup	Loco 2

Representative workgroup member	[IE] John O’Neill
Co-representative workgroup member	[AT-STP] Bernhard Gutmann
Co-representative workgroup member	[DE] Bernd Alles

Further workgroup members	Teachers and Students from [AT-STP], [DE], [PT], [IE], [SI], [HU] & [LT]
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Minute written by	[IE] Isla Hoe
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Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance	Responsible school(s) or person(s) incl. deadlines
<p>Since our last meeting in St. Polten Loco 2 has been in HTL where the teachers and students have been working on the technical aspects of the design.</p> <p>These included:</p> <ul style="list-style-type: none"> ~ Improvements to the Drive Mechanism. ~ Relocating the Anchors ~ Fitting Electronics with Remote Control  <p>Loco 2 now looks very impressive.</p>	

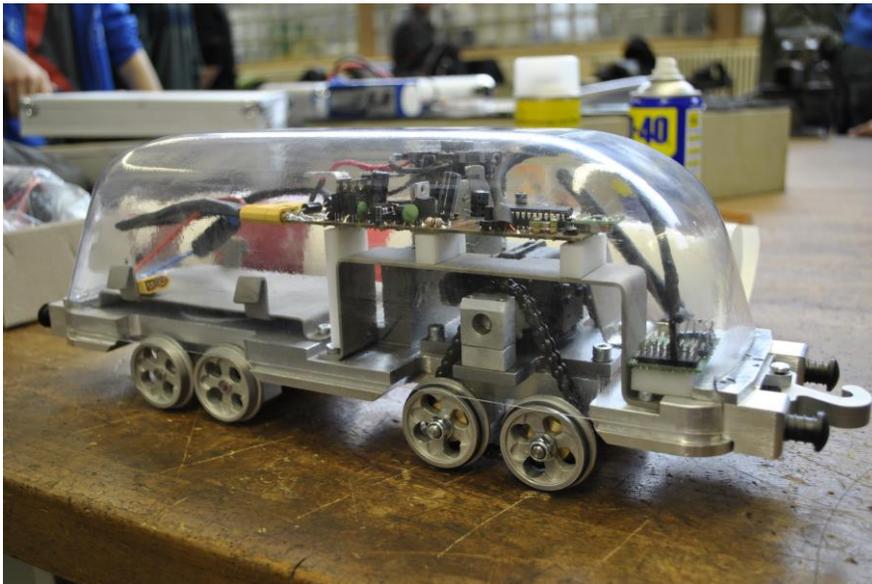
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person(s) incl. deadlines**

We watched how Loco 2 runs:
~ Start ~ Stop ~ Fast ~ Slow ~ Forward ~ Reverse ~
The work that has been done by the Teachers and Students from HTL
St. Polten is really excellent and we could not have hoped for better.



Loco 2 ~ Working Demo.



Loco 2 with housing before painting.

It was now time to test the pulling power of the Locomotive. The track had been assembled in the entrance lobby of BBS and there were lots of carriages available to attach to the Loco. The driving wheels slipped a little with 25 carriages attached so it was decided to put more weight on the Loco chassis.



Description of work progress:
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Students cut and shape the steel blocks to attach to the chassis.



The weights were painted and screwed to the underside of the chassis. This gave the Locomotive the required traction to pull all carriages. Rubber O-rings had also been added to the drive wheels to increase the friction between the wheels and the track. Flags of the partner countries were cut from the Irish decals and stuck on the shell. The Metabo logo was attached in appreciation to that company who supplied four motors.

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<p>The next task was to put the RailJet design on the housing. Lithuania had made two spare housings and one had a small crack. The Irish had brought adhesive decals and the students attempted to put these on the cracked housing. This proved to be a difficult task but the first attempt was for practice.</p>  <p>Students applying the decals.</p> <p>Seeing this difficulty, the Austrians decided to spray paint the first housing. The results of both methods can be seen below.</p>  <p>The decals on the LH housing did not fit perfectly as the compound curve at the corner caused rippling in the decal.</p> <p>The spray painting was done on the inside surface of the housing which had the effect of keeping the gloss finish of the clear plastic.</p> <p>Decals, stickers and flags were added to the RH housing and the overall result was very good. This was the housing that was fitted to the chassis at the meeting in St. Polten and we decided to use this one as the No. 1.</p>	

Description of work progress: Topics / Tasks / Results / Decisions / Facts of importance	Responsible school(s) or person(s) incl. deadlines
 <p>The end result was a very stylish Loco 2.</p> <p>Discussion took place about where the complete train would be kept when the project was over. In the end it was decided to keep the train in BBS Bad Kreuznach along with the track and some of the Locomotives. However, in view of the fact that HTL St. Polten had done such extensive work on Loco 2 they were anxious to keep it at St. Polten. No objections were made by any of the partner schools. The entire Loco 2 group recognise and appreciate the hard work done by the St. Polten teachers and students.</p> <p>A YouTube video of the working Locomotive No. 2 can be viewed by using the link below.</p> <p>https://www.youtube.com/watch?v=FwkjsSUopXU</p>	