

WATER

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There are huge differences worldwide in supplying people with clean water. There is insufficient water supply for more than a third of the world's population. Since 1950 two thirds of the available drinking water in the world has been diminishing. Each year twelve million people die because they lack water or because of the consumption of contaminated water. To achieve medium-term goals for improvement billions of Euros would be needed. At the same time a person living in a rich country uses up to 500 liters of water daily. Only a fraction of that is used for drinking. 50 percent of the water is used for irrigation of agricultural land. The manufacture of an average desktop computer uses approximately 20.000 liters of water. The same amount is needed for the production of one kilogram of cotton (source: www.wasser-bayern.de/wasser-bayern/). In the slum area of "La Mansión" in Arequipa (Peru) CfD supports the project "Pueblo sin hambre" (village without hunger). There the locals lack water. Water is distributed at certain times and in particular locations. People will go there with buckets to collect their share. Each day a family is allowed 30 liters of water to meet their needs.

Since the establishment of CfD we always tried to incorporate engineering technologies to find solutions. Engineering technologies are an important part of development cooperation.

During a visit from members of CfD and the Robert Bosch High School of Langenau (Germany) to Peru in 2009 Michael Schliep examined and evaluated the local water supply and quality. He also approached technical universities and public institutions in Arequipa. Soil and water samples of the La Mansión area as well as from different locations on the Rio Chili have been collected and brought to Germany. The Rio Chili originates in the high plains of Peru. It flows through the center of Arequipa and provides water for the city and the greater area.

editorial

The analysis and interpretation of the samples was done by science students of the Melanchthon High School in Bretten (Germany) in cooperation with the TheoPrax foundation. Mr. Steger, a high school teacher in Bretten, was dedicated to teach CfD a lot about the element of water. On March 3rd 2011, there was an interesting event at the high school in Bretten to illustrate water supply in Peru and in Germany. Experts explained such topics as water supply systems, water quality and water treatment in both countries and introduced the method of fog collection as a source for clean water.

Students and teachers of the Robert Bosch High School also participated in the event and held a presentation about their partnership with the school in Arequipa and what they had done so far.

The first results of the analysis of the samples from Arequipa and the comparison samples from Bretten came in June 2011. We would like to thank the Bruker company in Berlin for doing the analysis of heavy metals in our samples with their modern equipment free of charge. The results so far indicate that heavy metal levels in the area's drinking water are below the very strict German limits for heavy metals in drinking water. But there are violations of the limits for Boron and Arsenic in the water of the Rio Chili. There are detailed reports for further information on our website.

The next step will be a toxicological analysis of the water, soil and plant samples. So we can gain information on how to proceed in regard to the use of water and the cultivation of vegetables in La Mansión.

Two reports in this edition are an example for the German-Peruvian network. "Dispau e.V." was founded by Alejandro Conza who was born in a slum area of Arequipa. He and his family have been living in Germany for years now but he wants to remember his native land. "Dispau" encourages and supports music education for children in Arequipa. Tenth graders Jan Maier and Marius Bonasera from the Robert Bosch High School in Langenau write about their experiences being part of the school's film club and making a documentary about the school partnership. Jan, Marius and Alejandro participated in the event about water at the Melanchthon High School in Bretten on March 3rd 2011.

The board members of CfD, CpD and CxD

FILM PROJECT ABOUT THE SCHOOL PARTNERSHIP WITH AREQUIPA

What I have learned in the course of this project, and probably the others as well, is how fortunate some people are.

Uli Hollmann is in charge of the Movie Making Club of the German Robert-Bosch-Gymnasium (RBG) in Langenau. Students from the 5th up to the 10th grade can participate. At the moment there are 8 students participating. They are working in twos on different film projects. The first group is making a movie with lego minifigures. The second group is doing something about alternative and sustainable energy, especially photovoltaics. The third group is working on a movie about our school. In the fourth group Marius Bonasera and Jan Maier who both attend 10th grade are working together on a documentary about the school twinning partnership with two schools in Arequipa, La Mansion and Villa Independiente. This film project is supported by Claim for Dignity and by the school's students council. The Movie Making Club meets every 4 weeks on a Wednesday afternoon to work on their film projects. Our group meets more frequently so that our documentary will be finished by mid-July. Michael Schliep, member of the managing committee of Claim for Dignity, is attending our meetings, too. For the documentary we interviewed members of the students council and members of Claim for Dignity. During our meetings we discuss and clarify matters, we cut the scenes of the documentary and if the students council is present they write the voice-over for the narrator.



thoughts



The idea for the documentary was born in 2009 when Uli Hollmann was in charge of a project where a 3 minutes lasting short film was produced. With scenes that were shot in Peru as well as scenes that students had shot in Langenau it showed the differences between Germany as a prosperous country and an impoverished Peru. This short is going to be the introduction to our documentary.

Our documentary will be about the issues of poverty in Peru and the bad quality of their water but also about the schools from our twinning project and how the RBG is helping them by organizing different events like the charity run or a yard sale to raise money.

The documentary will be finished by mid-July and it will be available in German, English, Spanish and Quechua. The premiere will be held at our school where we will show the approximately 40 minutes lasting film. At the event you can also buy DVD copies of our documentary. There will two more screenings, one at a school in Bretten where science students do an analysis of water samples from Arequipa, and one in Arequipa.

What I have learned in the course of this project, and probably the others as well, is how fortunate some people are, including people living in Germany, and how important it is to help less fortunate people in impoverished countries. Another thing I did learn is to count on other people because in our project different people have different assignments but in the end we all depend on each other to make the documentary.

Jan Maier and Marius Bonasera

MUSIC AS A SPIRITUAL NOURISHMENT

Our principal task is to permit to children and youth people, with lack of economic resources, access to the virtues world of classic music. Our immediate goal is that each interested children can get instrumental classes, as well as an appropriated instrument

The Dispau e.V. association, located in Abenberg-Bayern, stimulates and supports the "Johannes Brahms" music school and its child-youth orchestra in Arequipa-Peru.

Irene visits the school every day; she carries her cello on her back and goes to social local of "Jorge Chavez", place where the classes are developed daily. Allison and Barbara are already waiting, two girls who also share with Irene the passion for music and come to learn and practice. The cello belongs to Irene but she gladly shares her instrument with her two friends. They dream with being able to sit together with their own instruments in the orchestra, that way they can finally play together.

All this started over a year ago, on January 11th 2010. Nowadays, the number of children and youth people has increased to 30 people and

experiences

they practice each day at the school. All of them attend instrumental classes and play together in the orchestra. They have discovered a world that seemed absent for them: "the world of music".

Ricardo Calcina is the music teacher; he dedicates his time to his students with love, dedication and enthusiasm. All his students come from "Jorge Chavez", a neighborhood located in Paucarpata district at Arequipa city, which has lack of social attention, high unemployment and rampant criminality. Most of the children and youth of the neighborhood cannot pay a music teacher and cannot even dream about buying an instrument.

However, Ricardo has a dream: share his passion of music with children and youth and give them spiritual nourishment, since a man doesn't live only for bread.

On the other hand, it is not possible for a teacher to live from the dream and enthusiasm of music. We want to help Ricardo to make his dream come true, as well as make of children and youth of "Jorge Chavez" instruments of peace, communication and rural development; for this reason we founded DISPAU e.V. in October, 2010.

Music allows children to get into a new world. Through it, they become aware of social unity, makes their lives happier, and harvest successful for their future. Thus, they get a pleasant occupa-



tion to do on their free time. The children's parents support their kids and the school according to their possibilities; so they cooked an "adobada", a typical plate of the region made with pork meets, for the open doors day in the festivities, to celebrate the anniversary of "Jorge Chavez" on October 17th of 2010. From the benefits of the sales, curtains for the windows of the social local have been made and broken glasses have been replaced. Now the children could be able to practice with more quietness. Also some trees were planted in the front part of the local for the greening of the patio.

Our principal task is to permit to children and youth people, with lack of economic resources, access to the virtues world of classic music. Our immediate goal is that each interested children can get instrumental classes, as well as an appropriated instrument.

To reach Ricardo's dream, we are searching sponsors who wish to take the financial tutelage

experiences

for these children and youth. With 15€ by month comes true the entering of an interested to the musical program at Dispau.

Donations of instruments, especially violins, violas and cellos in every size, are a big contribution and the beginning of a new hope for a better world.

Help us to make the dream of Barbara and Alison with a voluntary donation.

Visit us at www.betterplace.de, at our Website www.dispau.de or contact us directly at:

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