

EURIST – Annual Report 2016/17



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A BIKEPROJECTS

1) Bukaya E-Bike Technical Test Project (BEB-Technical Test)

As part of the BEB project, three E-Bike Taxis were distributed in the district of Jinja (Uganda), which is located at the source of the Nile. Being a suburb of Jinja, many people commute daily from Bukaya to work or to go to the market in downtown Jinja. One of the most common means of transport for such journeys are motorcycle taxis. Thus, the introduction and potential advantages of e-bike taxis could be highly successful in this area.



In August our new Bike Project Coordinator, Rumbi Ebbefeld, as well as the technical consultant from Sun Cycles Namibia (<http://www.suncycles-namibia.org/>), Bernhard Walther, traveled to Uganda to launch the project. Meetings were held with the local project coordinator, FABIO, as well as with local district administrators, who are vital for the success of this project. Local mechanics from FABIO were trained on the conversion of a bicycle into an e-bike and training workshops were held with the beneficiaries. In total, each bike will be used by three to four bicycle taxi drivers, making the total number of direct beneficiaries of this project ten.

The launch of the project was highly successful and was met with enthusiasm and interest from beneficiaries as well as the general community. FABIO team members will continue to monitor the use of the bicycle including both how well it functions in Bukaya conditions from a technical aspect as well as the extent of socio-economic improvement it brings to beneficiaries.



2) New Make-A-Move Website

EURIST has a new Make-A-Move website!

The new page can be found at <http://www.makeamovecampaign.org>, a link is also available on our general site <http://www.eurist.info>.

On the Make-A-Move website you will find updates on all of our bike projects, including pictures and stories. The recipients of the e-bikes will also share their experiences. A new Make-A-Move Facebook group will soon be established.



4) Rotary Club Bergedorf/BMZ proposal



We would like to thank the Interact Club Bergedorf for their fundraising efforts as well as for the introduction of EURIST to the Rotary Club in Bergedorf

By help of a donation of € 3,800 to the Solar E-Bike project, the Rotary Club Bergedorf provided the final necessary top up to enable the submission of the Solar E-Bike Project proposal to the BMZ. Therefore we would also like to express our special thanks to the Rotary Club Bergedorf.

EURIST and the Rotary Club Bergedorf performed a cheque hand-over in our newly renovated office, which was featured in the local newspapers, the Bergedorfer Zeitung and the Reinbeker Zeitung.

On March the 31st, the proposal for a small 'first-project' funding was submitted to the BMZ. A grant requires 25% of own funds, to which the BMZ tops up with its funds to a maximum amount of € 50,000. For our project, we would expect to receive a grant of roughly € 37,500 with your donations totaling at € 12,500.



B FURTHER PROJECTS

5) Case Studies for potential ropeway systems

KIGALI / RUANDA

Stakeholder Workshop on ropeways in Kigali Ruanda from 23.05 until 25.05.2017

After intensive organisational preparation we were able to hold one of the most promising stakeholder Workshops we have ever organised.

We had 27 well prepared participants from politics, Administration and

even private stakeholders. The city administration, under city engineer Alphonse Nkurunziza, already had a plan on connecting one of the most important entrance hubs of the city of Kigali with the city centre. On this stretch the newly built up formal bus service is coming to its limits and modern continuous service shall be installed in the near future. After meeting the mayor and the executive secretary of the City of Kigali, the City Engineer, The Head of policy and planning of

the transport ministry and an interested private consultant all in three days, the conclusion was to prepare and complete a case Study as soon as possible and to provide this into the contact networks of the city of Kigali. Since then, we have been trying to gather the necessary information and unfortunately some of the information is still lacking today. The plan of applying more pressure in order to finally get the necessary data did not work out. Therefore, the only way to finally be able to start with the actual work was to generate the missing data ourselves. We are now set to start with the estimations on demand and hope to be able to finalise the work before the end of October.



DAR ES SALAM / TANZANIA

After a long time with no further developments in Dar es Salaam, Doppelmayr have finally responded to our first draft of the Demand estimation for the ropeway system from Downtown Dar es Salaam to The Kigamboni peninsula. They agree with us that the data available on the ridership of the ferry connection on the same corridor is not sufficient. A short survey of this ridership is currently being organised with our partners in Dar es Salaam. To our surprise, during the survey we found out that there is now a new third boat taking part in the ferry service, with the original capacity being increased by about 30%. This is on one hand a clear sign that the ridership on the potential pilot corridor is steadily increasing, but on the other hand this new investment in the ferry service might as well complicate the decision in favour of a ropeway.

It will definitely be necessary to evaluate the possibility of running both services on a parallel bases. With the data from the survey we should be able to finalise the draft within October.

KAMPALA / UGANDA

Early this year, EURIST's Afrika regional director Patrick had long talks with the Uganda Investment Authority (UIA) on the possibilities of energising our work particularly with regard to the Kampala Cable Cars Project ,which had stalled for more than a year.



From these discussions we were advised that we could only be effective in pursuing such a project with a formally registered company which can engage the UIA to be given mandate to pursue such a project on its own right. EURIST has invested a lot of resources in terms of time and money, in not only introducing the Cable Cars Project to the Authorities in Kampala but also to popularise the concept in the eyes of the public, given that this is a new concept in public transport.



LUSAKA / ZAMBIA

For a similar case study in Lusaka the work has not yet begun. However the data collection seems to be almost finalized so we can hope this case study will be more straight forward than the two other ones mentioned before.

Beginning the work in November should allow us to finalize it before Christmas 2017.

6) LIHH (Logistik-Initiative Hamburg)

In the main traffic periods there are regular capacity bottlenecks in the Hamburg traffic system. In addition to a change in supply, these bottlenecks can also be positively influenced by variations in demand.



Since this demand is mainly caused by commuter motions during the peak periods, flexibility of the working hours as well as increased portions of telework are considered as a possible means to relieve the system in the peak hours.

The core component of the project is therefore a survey on the subject amongst the employees of the member companies of the Hamburg Logistics Initiative (LIHH).

The aim of the project is to determine the extent to which company-specific offers can influence the commuting behavior of the employees and the potential to relieve the traffic system in the metropolitan region of Hamburg during peak periods. In addition, it is to be determined which factors can contribute to the fact that such offers are actually accepted and thus result in a change in mobility behavior. This research project on commuter behaviour and corporate mobility management measures in the Logistic sector in Hamburg is well on its way.

After almost finalising all of the necessary organisation and contacting companies willing to participate, the actual survey is about to begin in September or October this year, with workshops to be conducted amongst those responsible for mobility management and an online survey amongst all employees of the participating companies.

7) ACCRA / GHANA

In March on a trip to Accra with the local partners, the internal work structure of the project was changed in accordance with the local partners, and the ropeway project was introduced to parts of the new government.

There were meetings with the Vice-minister of Aviation and the Ministry of Railroads. Both had expressed great interest in the project in the run-up to the trip, but they also asked for time, as the new government had to be fully constituted before decisions about infrastructure measures could be taken given that they affect many different departments. Since March the new work structure has been in place and working. The local-partners have continued to hold talks with investors and government members, however, the project has not noticeably progressed. A progress report from the local project coordinator was expected in August.

A meeting with the Ghana ambassador will possibly be scheduled for September or October in Germany, in order to introduce her to the project.

8) UBA Project „Curriculum Mobility of the Youth“

Youth mobility in Germany - working materials for the development of a "mobility competence" among young people



The project pursues the goal to improve general principles and the knowledge of the German teenagers concerning the subject „lasting mobility“. The acquisition of a "lasting" mobility competence takes centre stage on youngsters between the ages of 15 and 18. This should be achieved by the production of 6 short documentary films between 5 to 7 minutes, which are geared to the social environment of the students.

The film sequences are supposed to broach the issue of integrated mobility by showing examples of the different fields such as riding a bike, public transportation, walking, mobility and urban development, electrical mobility as well as the field of car and bike sharing.

The films will be summarised on a didactic DVD together with worksheets, project proposals, background material and a brochure about how to use the material in the lessons. Additionally, everything will be provided on a website which will specifically created for downloading the material. Besides this, students will learn about the complex problems of the increasing environmental impact (noise, aerial load, climate problems, etc.), the increasing required space (parking, traffic jam) and the loss linked with the urban quality of life as well as the social dimension of mobility (conflicts of utilisation, increasing transport costs). In addition, the international significance of mobility and traffic as well as regional measures and solutions for environmentally friendly mobility, will be presented through different locations.

The dissemination of the material will occur nationwide through effective public campaigns carried out by inter alia, multimedia information centres of school circles as well as through presentations on different websites, in magazines, forums and at conferences. The applicability and the effect of the material on the students will be evaluated during a test run of the project at "pilot schools".

9) Organisation and moderation of Parliamentary Expert Meeting in the German “Bundestag” in June 2016 – in cooperation with GIZ and Wuppertal Institute

EURIST in cooperation with the German Partnership for Sustainable Mobility (GPSM), the African Association of the German Economy organised and moderated an Expert meeting on Sustainable transport in Africa on June 23, 2016 in the Bundestag Berlin. Under the auspices of MdB Andreas Lämmel, MP Valerie Wilms and supported by the former Federal Minister of Transport Kurt Bodewig (CEO of the Baltic Sea Forum & UN-NGO Expert).

Opportunities and challenges of the development of the transport sector in Africa were discussed, especially as ideas and concepts from Germany contribute to sustainability. The event was chaired by Jane Akumu (Deputy Director(UNEP)), Roger Gorham (World Bank) and Debashish Bhattacharjee (UN HABITAT Kenya).



**BALTIC SEA
FORUM**
PRO BALTICA



10) 4TH GERMAN-AFRICAN INFRASTRUCTURE FORUM



From December 5th to 6th, 2016 the Afrika-Verein (German-African Business Association) carried out the 4th German-African Infrastructure Forum at the Hotel Hafen Hamburg. The Afrika-Verein established the Infrastructure Forum as one of the most important platforms for German-African relations in the field of infrastructure investments. This year's main focus lay on logistics, city planning, port infrastructure and trade.

Over 200 German and African participants joined the venue, including representatives of the most important trans-regional African institutions from the area of infrastructure development. In the programme EURIST was invited to report on recent success and experience in initiating urban ropeway projects. For this, EURIST engaged its Kampala based project coordinator Katesi Najjiba. In the panel discussion Najjiba explained the Kampala project and also other activities in the ropeway sector, including Dar Es Salaam, Nairobi, Lusaka and Accra.

The plans for the ropeway system in Lagos was also discussed broadly as a representative of Squire Patton Boogs was on the panel and named it as one of the most interesting projects in their portfolio. Panelists and audience acknowledged ropeways as one of the concrete and sustainable solutions to develop Africa's transport sector further. The feedback of the talks held after the panel presentation justifies the conclusion that ropeways – compared to some years back – have now reached serious attention and recognition and in addition is understood as a transport system component.

11) EIB AFRICA DAY 2017

The Africa Day 2017 was hosted by the European Investment Bank - together with the German-African Business Association on 6 July in Berlin. The event



intended to explore the role of private sector development and investment in Africa. On the eve of the G20 conference in Hamburg, the event wanted to identify opportunities in creating the right conditions for sustainable development in Africa, and how to bring financing where it is currently not available. The Africa Day 2017 was designed to be a platform for sharing and discussion and networking, building the basis to have real impact for Africa. Participants were CEOs and CFOs from European and African businesses as well as govern-



ment representatives, entrepreneurs, academics and NGO and civil society leaders. EURIST used this opportunity to approach those participants relevant to sustainable development of the transport sector to share experiences and explore options for transport and ropeway projects in Africa – especially in those countries with potential for innovative public transport investments. The results of the discussions are listed below.

12) TUMI (Transformative Urban Mobility Initiative)



EURIST is in the process of developing a proposal for a comprehensive training program on sustainable urban and rural transport in developing countries in cooperation with the Wuppertal Institute and under the umbrella of the BMZ founded TUMI-Initiative (Transformative Urban Mobility Initiative). In the case of approval, the project would begin early 2018.

13) BOGO BIKE



Together with Sascha Reckert, former E-Bike world champion and expert for two-wheeler mobility, we have the idea of implementing a new project, which should help implementing sustainable mobility by E-Bikes in Germany as well as in Africa.

Students should have the option of getting a high quality E-Bike by a leasing system. E-bikes are often expensive and out of the financial reach of not only students but also many members of the general public. For this project, a partnership would be formed with a leasing bank and some guarantor out of public sector.

The Leasing would span over a period of 3 years and monthly rates will be paid. At the end of the three year period students will be able to buy the bicycle.

The project will be introduced to universities in workshops where they will be able to do test rides on bikes as well as be able to choose a bicycle of their choice from a catalogue.

Students interested in ordering a bicycle will receive a further training workshop on riding safety as well as mechanical skills required for the operation and basic maintenance of an E-Bike.

Once a substantial amount of money has been raised, EURIST will be able to go into the second phase of the project which involves providing mobility through the use of bicycles in Africa. This phase will launch in Uganda in cooperation with their experienced local project partners the First African Bicycle Information Organisation (FABIO).



14) EURIST Africa Ltd.



After every long reflection and consultation with some members of EURIST, it was possible to establish and formally register a company limited by guarantee to no shared capital, by the name of **EURIST Africa**. A bank account to this effect was opened in one of the national commercial banks and a contact office established in Kampala at Transparency International Uganda.

EURIST Africa is currently being managed by Patrick Kayemba as the Executive Director in close consultation with Dr. Jurgen Perschon as the Consulting Director.

EURIST Africa is a standalone organisation which is currently responsible for ensuring that the Kampala Cable Car Project is secured. In future, **EURIST Africa** can also engage in other transport related projects not only in Uganda but also in other cities in Africa.



C PUBLICATIONS

- Study „Nachhaltige Mobilität“ for *Bread for the World*
- Background Paper Expert Meeting Transport in Africa / German Bundestag
- Forword for 2016 Magazine „Afrikawirtschaft“

D LECTURES

15) EURIST held lectures and participated at the following events

- Lectures at TUHH Hamburg
- TUHH Themenwoche Nachhaltigkeit
- Expert Meeting Transport in Africa / German Bundestag
- Online Lectures Dohuk University / Iraq
- Lectures at Hefei University China
- Moderation Africa Day 2016 and EIB Africa Day 2017 (Berlin)
- EU Policies in Transport (Nikosia/Cyprus)



E INTERNAL

16) Office renovation

In April 2007 the EURIST office in Hamburg-Bergedorf was completely renovated with a new design. In fresh mint EURIST green and a new wooden parquet floor we all enjoy working in the office even a bit more. It is now even more representative of our creative and open-minded work and guests can be hosted in a pleasant atmosphere.



17) A comment by our intern Emily Niemann from Interact



“On the 15th 11. 2016 we, the Interact club of Hamburg-Bergedorf, heard from the organisation EURIST for the very first time. Mrs. Bavendamm, the wife of the president of our sponsoring Rotary club, had told us about EURIST's work and how it all started. We decided to donate the money that we had earned with our stand at the Aumühler Christmas fair, to EURIST and the Make a Move campaign project. All members of our club were immediately sold on the Solar E-bike project idea and were, in addition, completely convinced by the talk by Jürgen Perschon on sustainable mobility in Africa.

The motto of Interact is Helping-Learning-Celebrating. Helping: This can be everything, financial support as well as hands-on projects. We support, for example, our godchild Jenipha financially every month, so that she can go to school. Learning: We invite Rotarians to our meeting who tell us about their jobs or we visit them at their workplace. We visited, for example, the ZEIT publishing company and had a guided tour in the Reinbeker hospital. Celebrating: Here as well, is everything possible. From a barbecue in summer to canoe journeys on a river and conferences with all the German Interact Clubs. The main idea behind this is for everyone to have fun and spend some time together to strengthen the group cohesion. Moreover, Interact is the youth organisation of the Rotary Club. Our sponsoring Rotary club is the RC Hamburg-Bergedorf. The Rotary club is always a contact for us and supports us with all of our projects. Rotary is an international service organisation which is particularly known for their fight against polio. However, single Rotary Clubs also support local projects and, among other things, organise youth exchanges worldwide.”

18) New Staff

Sven Schulze (Policy Advisor)

Sven Schulze is an economist with a special interest in environmental and climate change economics. He received his PhD in economics from the Helmut-Schmidt-University in Hamburg in 2004. Afterwards, he shortly worked as a freelancer before beginning a career at the Hamburg Institute of International Economics (HWWI). There he was a senior economist, from 2011 to 2016 he was in charge of the research department „Energy, Environment and Climate“.



At the beginning of 2017 he joined the consultancy Economic Trends Research in Hamburg as an independent partner and since then is also contributing to the work of EURIST in all aspects of transport economics. His first contact with EURIST occurred in 2009 in a collaborate project on sustainable transport in developing and emerging countries. Going forward, his goal is to support EURIST’s mission with his economic expertise and experience.

Rumbi Ebbefeld (Project Coordinator)

Rumbi did her studies in Environmental Management covering several aspects such as renewable energies, sustainable development and emissions reduction.

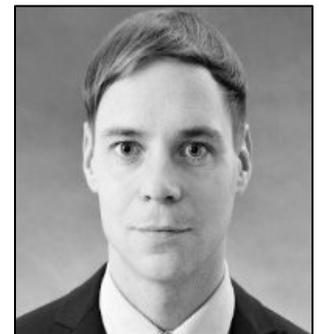
Rumbi has worked on different projects within these areas including a research project at the University of New South Wales in Sydney which investigated the novel use of technology in five of Africa’s smartest cities which have been using technology to achieve better urban services despite a lack of conventional urban infrastructure.



Most recently Rumbi worked on a bicycle project in her home country Zimbabwe on improving the access to education through the use of bicycles. Her focal point was evaluating schools which received bicycles through donor projects, to see the extent of impact of these bicycles on various aspects compared to the schools without. Rumbi has been working for EURIST since the beginning of 2017 starting with the coordination of the Solar E-Bike Project.

Alexander Czeh (Project Coordinator)

Alex firstly came in contact with sustainable transport while working from 2004 for five years for a logistics group. During this period he gained his bachelor's degree with a thesis which focused on ways to cut CO2 emissions within a medium sized logistics company. After studying at the Technical Universities of Delft and Dresden he gained his master's degree in transport economics. Topic of his master's thesis is cycling as a means of transportation in Liberia's capital Monrovia. Transport in Liberia is, besides Urban Planning and Sustainable Transport Solutions, one of the focal points of his work. Alex has been freelancing primarily for the German International Cooperation(GIZ).



Sandra Braunersreuther (Marketing & Communication)

Sandra worked during her studies of environmental sciences in the bicycle self-help workshop of her university. Since then, their interest in sustainable mobility has grown steadily. She traveled to East Asia, Africa, and supported local organizations as a project coordinator. She learnt more about the diversity of cycling culture and how important individual mobility is for daily participation in social life. As a former EURIST employee, she continues to support the Make A Move campaign after her move to Hessen.



Emily Niemann (Project Assistant)

Emily Niemann is currently the president of the Interact club Hamburg-Bergedorf. She is 17 years old and in 12th grade at the high school in Wentorf.

Since February 2017 she is an intern at EURIST, which has developed from the previous cooperation of Interact and EURIST. Because her specialised course at school is geography, issues such as sustainable transport are very interesting for her.



She is also fascinated by the African continent and its diversity, although she has never been there. In geography lessons at school one speaks primarily of the global problems but seldom of solution attempts. That's why it is a special pleasure for her to work with EURIST, because many projects are developed to solve such problems.

"I have many different tasks, it reaches from research to translation of applications. I really enjoy working at EURIST and it is easy to schedule the work because the working hours are so flexible. It's planned that I work until my graduation next year and after that I am considering a voluntary social year in Uganda to help with one of EURISTs projects there."



**Special thanks to all of the Members, who were able to
attend our Annual General Meeting in Hamburg on September
14th 2017!**