



European Institute for Sustainable Transport



ANNUAL REPORT 2014

EURIST Director's Message Dr. Jürgen Perschon

Dear members, associates and friends of the EUROPEAN INSTITUTE FOR SUSTAINABLE TRANSPORT,

we are closing a very successful year with exciting new projects and enthusiastic staff.

And as you are reading this we are busy continuing our work on sustainable transport in 2014 and beyond and expanding our European and global network.

We hope you will stay connected to our work and support our projects in the future. We wish all of you a happy, peaceful and successful New Year.



1) Introduction:

There is good news for Africa: After sustainable transport was not been seen as priority, part of many international institutions and national actors, the World Bank and UNEP, in collaboration with UN-Habitat, are now implementing the "Africa Sustainable Transport Forum" (ASTF). Almost all transport ministers and the president of Kenya, Uhuru Kenyatta, have witnessed the opening speech of the UN Secretary General, Ban Ki Moon, made very clear by saying:

"More than half of Africa's people have no other option than to walk long distances at times in unsafe conditions, to work, school or hospitals. As the economies of Africa continue to grow, we have an opportunity to avoid negative environmental, social and economic impact of unsustainable transport....Countries and cities around the world are showing how transport can be sustainable, providing cleaner air and health and economic benefits."

Considering the goals of the forum, which will be highlighted further below, and although EURIST is still following a global approach in promoting sustainable transport solutions, the organisation has already focused on the African region and in 2014 could succeed in enlarging its network of cities, transport institutions and universities in Africa.

In the course of EURIST's "International Symposium on Sustainable Transport in Africa", held on October 6th in Berlin and jointly organized with Friedrich Ebert Foundation, one of Germany biggest political foundations, new partnerships could be developed and will make

EURIST a competence center for transferring knowledge and technologies on appropriate, region-specific transport solutions to the continent.

With its new website www.eurist-campus.info EURIST will offer new opportunities for capacity building for cities, communities and research institutions, including lectures and week-long sessions transport weeks for students of transport relevant faculties both in Germany and abroad.

This newsletter will reflect the activities and readers are welcome to spread the newsletter to interested people, experts, organizations and companies, investing in sustainable transport worldwide.

EURIST Projects

2) Urban Public Transport Workshops in Africa

EURIST started the year with a number of workshops on public transport improvements in several African cities. The workshops were targeted to identify options for urban ropeway systems to close missing links in current public transport or as feeders to existing or planned Mass Rapid Transit Systems like BRT or Light Rail Systems, which are soon to be opened in Algier, Addis Ababa and Dar Es Salaam.

Workshops were held in Kampala, Harare, Lusaka, Dare Es Salaam, Abijan and Addis Ababa.

3) Study Tour Algeria

To showcase African Best Practice a study tour was organized for a high level delegation from Uganda, including the Executive Director of Kampala Capital city Authority (KCCA) to the ropeways systems in Algeria (Algiers and Constantine). One result of the study tour was the allocation of municipal funds for a feasibility study, carried out through an experienced Canadian Consultancy from late 2014 on. The idea was already presented to the Government of Uganda, getting positive feedback from the Ugandan President Yoweri Museveni.

For most of the cities which decided to follow up the idea of such a system, EURIST will provide assistance to ensure social, environmental and economic sustainability in planning and implementation.



4) Ropeways in Europe

While the city of Hamburg has declined plans for a ropeway to link the city with the southern part of the river Elbe (<http://www.youtube.com/watch?v=qmQNLbl7oJM#>), other cities are seriously considering applications in their local context (among there Brussels, Istanbul, some Scandinavian cities).

Together with its Swedish Partner KOUCKY (Goeteborg) EURIST organized an Initial Workshop on the Potential of Cable Cars in Scandinavian cities. Representatives from Stockholm, Oslo and Goeteborg discussed urban applications in their coastal cities to develop their public transport systems further. Goeteborg is currently proceeding with a feasibility study to connect the CBD with a waterfront development project.

Ropeway expert meeting in London

On July 3rd & 4th, Vice Executive Director Matthias Nuessgen and EURIST's ropeway expert Joachim Bergerhoff participated in the URBAN CABLE CAR (UCC) 2020 Kick-off - Meeting in London. The meeting gathered 19 professionals from very different horizons (social research, geographic information systems, architecture, public transport operations, Doppelmayr cable car manufacturer) interested in researching the potential of the Urban Cable Car (UCC). The objective of the group is to set up a consortium and project proposal for the forthcoming call for proposals of the European research programme Horizon 2020.

The meeting took place near the Excel London Conference centre and, of course, the Emirates Airlines cable car. This was a unique opportunity to question the project managers and engineers about the quite extraordinary construction of the stations and masts in the bed river Thames and the impressively unspectacular smooth running of the cable car mechanics itself.



As one British tourist couple put it: the ride is more pleasant, the views more thrilling and the price lower than in London Eye. Contrary to the London Eye, the cable car does have a real transport function, too. A very little function, of course, compared to the London tube and buses, but we were assured that it was contributing to the reconversion and development of the area between North Greenwich and the London City Airport.

5) New Publications

The new publication "Success factors for the implementation of urban ropeway systems in Africa" is soon available on: www.eurist.info/publications

In a more Europe-wide concept note EURIST published a "Status Report Urban Ropeways in Europe", including a foreword of Germany's former Minister of Transport, Kurt Bodewig.

6) Ministerial Workshop on integrated transport in India

EURIST's CEO Jürgen Perschon was invited to give an introduction on latest achievements in sustainable urban transport at the Ministerial Meeting on Transport in India. On June 26th Perschon explained Mass Rapid Transit and integrated multimodal transit options for the hilly regions in India. The conference was attended by 17 states and took place in Shimla/Himalaya Region.

7) EURIST associate and networking partner of GPSM

After Christof Hertel participated at the International Transport Forum in Leipzig, EURIST became Associate and networking partner of the German Partnership for Sustainable Transport (GPSM).



The Partnership is an initiative by the Federal German Ministry for Economic Cooperation and Development (BMZ) and the Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB) and "serving as a guide for sustainable mobility and green logistics solutions from Germany. As a platform for exchanging knowledge, expertise and experiences, GPSM supports the transformation towards sustainability in developing and emerging countries. It shall serve as a network of information from academia, businesses, civil society and associations."

Further information on:

<http://www.german-sustainable-mobility.de>

8) Degrowth Conference Leipzig

Patrick Kayemba, EURIST's Regional Director for Africa, was invited to present the perspectives of the South with regard to the relatively new "Degrowth-movement". The focus of the conference – however - had a focus on industrial and transition countries with concrete steps towards a society beyond the imperative of growth. Experts suggest developing economic and social models that are independent of growth and can provide for a good life for everybody. As a panel speaker and also in a special EURIST- Mobility Workshop, chaired and moderated by Sabine Leidig, Parliamentarian in the German Bundestag, Kayemba answered critical questions raised by the audience on the increasing need for transport services and infrastructure which partly conflict with the philosophy and agenda of the Degrowth movement. The workshop hence has a special perspective and should be discussed further.

More information on:
<http://leipzig.degrowth.org/en/>



9) Lectures & Trainings



Due to its direct involvement in cities transport policies and projects around the world and like in former years, EURIST experts were invited by universities to give lectures on sustainable mobility. Matthias Nüssgen, Christof Hertel, Joachim Bergerhoff and Jürgen Perschon held presentations and seminars at the Technical University of Munich/Tsinghua University Beijing, TU Dresden, TU Berlin and TU Hamburg Harburg.

Moreover CEO Jürgen Perschon held 3-Day training courses under GIZ/UNHABITAT leadership for the UN GEF Project Sustainable Urban Mobility in East Africa. Training was given to ministerial and municipal planning authorities in Addis Ababa, Kampala and Nairobi in October and November.

Further info on the gef <http://www.unep.org/Transport/astf/events.asp#sustran>

10) EURIST CAMPUS



With the educational branch CAMPUS with its new logo EURIST has made education in the field of sustainable Transport one of our core working areas.

The goal is to substantially influence the educational approach and curricula in the field of sustainable Transport teaching and capacity building worldwide.

EURIST Campus is cooperating with research institutions, looking to initiate lectures, training and seminars on multidimensional knowledge-exchange between industrialized, transition and developing regions – to the benefit of all.

More information see:

<http://campus.eurist.info/>

Hamburg Urban Transport Weeks

In March 2015 the Urban Transport Weeks will take place in Hamburg. With funds of the German Federal Agency for Environment (UBA) classes will be offered on 3 specific issues:



1. Metropolitan Accessibility (9.3-13.3.2015) & (14.09-18.09.2015)

2. Walking and Cycling (16.3-20.3.2015) & (21.09 - 25.09.2015)

3. Urban Logistics (23.3-27.3.2015) & (29.09. - 02.10.2015)

The aim is to give students of different faculties a view on transport issues beyond university knowledge. The programme will be a mix of German and international experts. They will present the perspectives and situation in the western countries but as well widen the focus to the questions, problems and solutions of other parts in the world.



The Urban Transport weeks will take place in Hamburg at the University Hamburg-Harburg (TUHH) which is partner of the project.

11) International Symposium “Sustainable Transport in Africa”

The symposium highlighted the key challenges in the urban transport sector on the African continent and focused on the need for a paradigm shift in transport policy and planning in African decision makers and funding bodies towards more balanced and sustainable investments in transport infrastructure and services as well as institutional planning capacities in municipalities.



The Symposium was jointly organized by EURIST and the Friedrich-Ebert-Foundation and took place October 6th 2014 in Berlin, attracting several African ambassadors in Germany as well as participants from Europeans involved in the region (like the European Investment Bank, GIZ, KfW, Wuppertal Institute, World Bicycle Relief, German Economic Association for Africa).

A number of African stakeholders in the sector (e.g. UATP, UNEP, International Transport Workers' Federation Nairobi) took the opportunity to increase their networking and discussed options for cooperation. Among the presenters the Tanzanian Minister of Transport emphasized the need for quick implementation of viable public transport options, mentioning the urban ropeway systems for Dar Es Salaam while envisaging the opening of the city's Bus Rapid Transit System (DART) in 2015.

You are invited to watch the conference video under:

http://www.youtube.com/watch?v=42NplXAyzBE&list=UUfXAoHg7L9Y_RmiUqMcZr7A

12) African Sustainable Transport Forum & Conference in Nairobi

The World Bank and UNEP, in collaboration with UN-Habitat, are in the process of implementing an “Africa Sustainable Transport Forum” that will provide a platform for high-level attention and policy dialogue on access to environmentally sustainable transport in Africa. EURIST attended the 1st Ministerial Policy and Technical Conference in Nairobi, October 28-30, 2014.



The goal of the Forum will be to “integrate sustainable transport into the region’s development and planning processes and increase the amount of funding going to sustainable transport programs in Africa – to improve access to transport, reduce air pollution and climate emissions, and improve road safety and health.” The Forum will be a high-level platform for discussion and policy decision-making, coupled with on-the-ground activities, south-south exchanges, demonstration projects and pilot programs.

A Sustainable Transport Action Plan for Africa will be developed and in the next years, the Forum will host Ministerial conferences probably every 2 years, with Sub-Regional conferences in the interim years. The ASTF will include a number of activities where EURIST has potential and was already approached to assist in future:

- Sharing of policies, knowledge and best practices, along with training, tools, and staff exchanges
- Regional conferences and workshops
- Development of networks and access to expertise
- Integration of core programs: air pollution and clean fuels and vehicles, climate change and energy efficiency, urban transport programs (non-motorized transport and public transport), and road safety.
- Demonstration projects and pilot programs
- Access to funding and investment for sustainable transport infrastructure





At the conference EURIST had a booth, presenting the organisations working areas. The booth had a substantial number of visitors and information material was handed over to participants. During the conference EURIST also agreed with UNEP to jointly apply for Capacity Building Projects in 2015.

13) Cooperation with UATP

Vice Director Matthias Nüssgen was invited to present at the UATP Conference on Public Transport in Johannesburg. EURIST also invited the President of UATP, Zoro Bi Nagone, to the International Symposium (see above) - and agreed to join forces to promote public transport and urban ropeways in the African region. In general, UATP agreed to organise conferences, workshops and submit proposals in the future. Websites will be linked and material like the new study on ropeways in Africa were distributed among members.

The African Union of Public Transport includes professionals from Sub-Saharan Africa in the industry of public transport of people and goods by road, rail and water. It was established on 15 November 2002 in Lomé (Togo) and its headquarters is in Abidjan on the Ivory Coast.:

- An African network of professionals in public transport
- A reference for the public transport sector
- The spokesperson of public transport in Africa
- A platform for knowledge exchange
- A business and partnership opportunity



More information see: <http://uatp-africa.org>

14) 2nd German-African Infrastructure Forum Africa Association of German Economy

(Munich 3.-4.12.2014)

EURIST was invited to present opportunities to invest in the African Transport Sector. Together with the Executive Director of Kampala Capital City Authority (KCCA), Jennifer Musisi, both the BRT and the ropeway project were explained and panelists from SIEMENS, GAUFF and the Moroccan Ministry highlighted projects in Nairobi, Rabat and South Africa.



Moderated by EURIST, the audience showed significant interest in the transport topic. The Africa Association of the German Economy finally resumed that the transport issue should again be raised in one of the future events in 2015.. In addition outcomes of the African Sustainable Transport Forums, held in Nairobi in October were presented.



Equipped with an own booth, talks could be held with several relevant people, including 4 Transport Ministers and the Executive Director of Kampala Capital City Authority.

Results and agreements:

- Africa Business Magazine: The magazine is planning a transport issue for June 2015 and intend to approach EURIST to write about current trends in Africa.
- The Transport Ministries of Morocco, Ghana and Rwanda expressed interest in hosting a sustainable transport workshops in 2015
- Dar Es Salam invited EURIST to join an international transport business delegation to Dar Es Salam in December 2014.
- A number of participants discussed options with us to invest in E-Mobility in Africa and will come back on this in the next months
- EURIST Make A Move Coordinator Maximilian Heinrich held intensive talks with World Bicycle Relief CEO Kristina Jasunite to join forces in Bicycle Charity projects

15) ADDIS ABABA: INTERNATIONAL SYMPOSIUM ON CLIMATE ADAPTED URBAN INFRASTRUCTURE

The Ethiopian Institute of Architecture, Building Construction and City Development in partnership with Goethe Institute, GIZ, DAAD and organised the “International Symposium on Climate Adapted Urban Infrastructure” in Addis Abeba with aim of revealing alternative planning practices in social housing in Africa. With a holistic approach giving priority to urban infrastructure, EURIST was purposely identified to represent the transport sector in Africa. Patrick Kayemba has given its experience in working on urban planning in African with a transport related view by giving a keynote address and joining different workshops.

After the Forum Jürgen Perschon assisted in GIZ Training on the UN GEF Project Sustainable Transport in East African Cities.



EURIST joined the Symposium with main objectives:

- Bring in the entire discussion the Sustainable Transport perspective including Cable Cars which was lately rediscovered as a suitable public transport innovation in the African urban context.
- Work out with the Addis Ababa local Municipal Authorities concrete commitments for the implementation of the Cable Car pilot project.
- Make new contacts for EURIST and FABIO for future networking and development.

EURIST In-House News

16) Staff + active members

Maximilian Heinrich,
Project Coordinator



Maximilian joined EURIST in February 2014 as an intern. He is currently assisting on different projects of EURIST and EURIST-Campus. He is also the coordinator of the Make A Move Campaign.

His work and focus is on sustainable transport development in the urban and rural context. Maximilian is working in the office in Bergedorf and is in process of finishing his Diploma in Geography at the University of Hamburg.

Maximilian also studied Latin America Studies, Geomatics and Transport Planning and Logistics on the University of Hamburg, the Hafen-City-University and the TU Hamburg-Harburg.

He was working as consultant in real estate before joining the Eurist Team.

Jakob Baum



Jakob is a transport planner and throughout advocate for urban sustainable mobility. He is particularly interested in the link between the urban environment and transport as well as transport modeling and economical assessment of transport-related projects. Finding out about key factors for mode-choice and travel behavior has his special attention.

In 2014, he joined team red Germany as an independent consultant for mobility management and bicycle planning. He has been working on multiple mobility management projects for private and public institutions in Germany and specialized in quantitative data analysis.

Jakob is about to finish his M.Sc. in transport system planning at the TU Berlin. He also studied psychology, civil engineering and urban studies at the University of California and the Free University of Berlin. His master's thesis deals with the macro-economical evaluation of free-floating car-sharing systems.

Bernhard Walter

Dipl. Wirt. Ing. Bernhard Walther, Co-Founder of the project SunCycles Namibia, is working on the implementation of E-mobility concepts in the sub-Saharan region. The combination of e-bikes and photovoltaic systems offers the most efficient method of transporting people and goods in urban and rural areas.



Alexander Czeh

Alex firstly came in contact with Sustainable Transport while working 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 in logistics. 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 beside Transport Politics, Urban Planning and Sustainable Transport Solutions one of his focal points of his work. Alex has been freelancing primarily for the German International Cooperation(GIZ) and joined EURIST in 2014.

Lars Person

Lars evolves sustainable ecological solutions for the sub saharan area of Africa. He has vast experience in working with businesses, politicians and diplomats both in Europe and Africa. His working fields and areas of capacity also include the organisation of conferences, the implementation of study tours and business trips to Africa, the management of private sector business projects. Lars assists EURIST in increasing its network in Africa and Europe.



17) Outlook 2015

After the most successful year of the organization, EURIST is now planning to...

... increase its capacity building activities through EURIST CAMPUS, approaching foundations and cooperating with international institutions like UNEP or Wuppertal Institute. EURIST CAMPUS will offer seminars and courses to 3 target groups: students, planners and policy makers.

... continue its transport advise to Sub-Saharan cities and extending its activities to the northern African countries. In this regard, the organisation considers to become member of EMA, the Europe-Mediterranean –Arab-Association. see <http://ema-hamburg.org/pages/en/association.php>

... facilitate investments on sustainable mobility in the African region trough linking the sustainable transport industry to African projects

... identify options to establish a Training Centre for Sustainable Transport in Nairobi

... study and identify options for E-Mobility in developing countries, specifically in Africa with a initial focus on two wheelers (E-Bikes and E-Motorbikes). Here the organization has to look for and discuss with partners in the private sector- both in the transport industry and the energy sector.



In this regard a case study on E-Bikes in Namibia and Uganda is under development to make solar powered e-bikes suitable for the low-income population in Africa. The E-Buffalo Bike already won a third place in a entrepreneur competition (Idee2014 Braunschweig) .

- participate at the Codatu Conference 2015 (Istanbul)
- be more active in the German GSMP
- become a member of VENRO, the German umbrella association of NGOs
- increase its national and international recognition

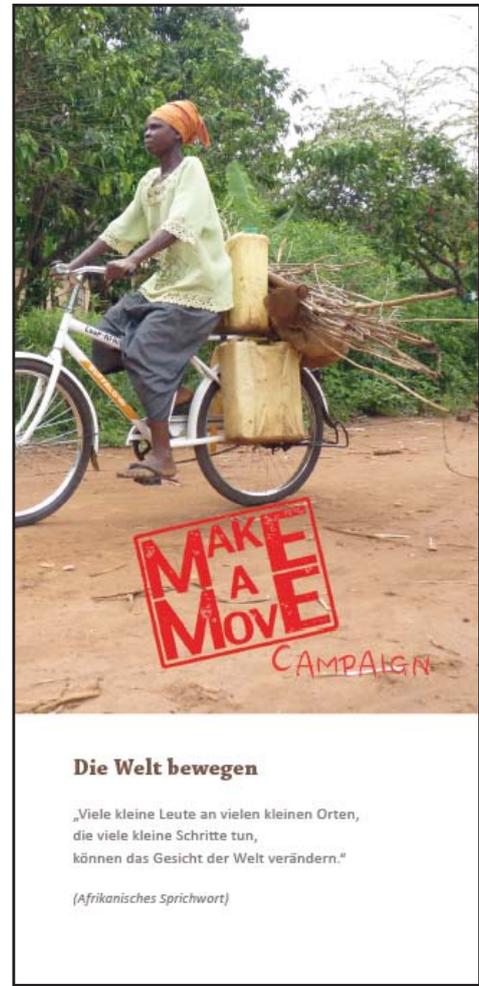


18) Make a Move Campaign

The Make A Move Campaign focuses on the immobile by promoting, creating and providing access to means of appropriate and sustainable transport, in terms of a positive contribution to the social, economic and environmental sustainability of the communities they serve. The Make A Move Campaign develops projects, together with it's project partners.

A Make A Move Newsletter will be published soon.

The new Flyer can be downloaded on our website.



19) Memberships

If you are not a member by now, become one ! Join us on our website: www.eurist.info

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