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**Internal draft
for members of the German delegation**

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9th of October 2013

Urumqi in Transition

**The Sino-German BMBF project
“RECAST Urumqi” (2008-2014)
and beyond.**

Results, Challenges and Current Perspectives

Workshop on Quality Control in Construction
9th of October 2013

**Sino-German Conference
Hoi Tak Hotel*****, Urumqi
10th – 12th of October 2013**

Options for further project related exchanges,
company visits, site visits et al.

(fdetailed elaborations according to requests)

13th – 16th of October 2013

Tuesday and Wednesday 8 th - 9 th of October	<ul style="list-style-type: none"> • Arrivals of the Members of the German Delegation → Pickup and transfer to hotel, organised by Xinjiang Academy for Environmental Protection Sciences (XJAEPS)
Wednesday 9 th of October	<p>Workshop on Quality Control in Construction</p> <p>half-day seminar (lecture) and half-day site inspections with Ralf Bermich (City of Heidelberg), who is in charge of quality control of the Heidelberg-Bahnstadt passive house development (apartments for 5000 residents plus businesses with 7000 jobs) Location: Urumqi Construction Committee, 5th floor conference room</p>
10.30 – 13.00h	Principles of quality control for passive houses (<i>Ralf BERMICH</i>)
13.00 – 14.30h	Lunch
14.30 – 16.00h	Site inspection (investigation of regular construction in Urumqi) <i>Ralf BERMICH</i> (Heidelberg Municipality) / <i>Bernd FRANKE</i> (ifeu Heidelberg)
thereafter	Informal site visit of Xingfubao Passive house construction site (<i>Ralf BERMICH</i> / <i>Bernd FRANKE</i>)
20h	Informal Dinner at Chinese Hot Pot Restaurant (<i>hosted by XJAEPS</i>)
Thursday 10 th of October	Hotel Hoi Tak (*****) Jiankang Road No 219; 830002 Urumqi; (central location, inner city)
10.00 – 10.30h	<ul style="list-style-type: none"> • registration in the Conference Hotel (Hoi Tak)
10.30h	<p>Official opening of the conference</p> <p>(moderation: <i>Mr. FAN</i>, Director Department of Environmental Protection (DEP) of the Government of Xinjiang Uygur Autonomous Region)</p> <p>welcome speeches given by</p> <ul style="list-style-type: none"> • <i>Prof. Dr. ZHANG, Xiaolei</i>, Director General of the Department of Science and Technology of the Government of Xinjiang Uygur Autonomous Region, Urumqi • <i>Dr. Andrea KOCH-KRAFT</i>, Chief Coordinator of the BMBF (Federal Ministry for Education and Research of Germany) “Future Megacities” Program, DLR, Bonn • <i>Mrs. HUANG Miao</i>, Vice director of the International Collaboration Division of the Ministry of Environmental Protection (MEP) of the Central Government of the People’s Republic of China, Beijing • <i>Dr. Thomas STERR</i>, Project Network Coordinator of the “RECAST Urumqi” project, Heidelberg University; Greetings from the Ministry of the Environment, Climate Protection and the Energy Sector Baden-Württemberg

11.15h – 11.45h	<ul style="list-style-type: none"> Coffee break / press conference <i>(with official conference photos / options for exchange of gifts)</i>
11.45h – 13:00h	<p>RECAST Urumqi and the BMBF Future Megacity research program</p> <ul style="list-style-type: none"> Film on the RECAST Urumqi Project (17 Min.) Introduction to the key achievements of the RECAST Urumqi project <i>Dr. Thomas STERR (Project network Coordinator RECAST Urumqi, Heidelberg University / Mr. Jiaerheng AHATI (Sino-German Project Coordinator Chinese side; President Xinjiang Academy for Environmental Protection Science) / Bernd FRANKE (Leader Task Group Energy Efficiency; ifeu Heidelberg)</i>
13:00h – 13.45h	<p>Key products of the RECAST Urumqi Project (Part I) <i>(moderation: Mr. Jiaerheng Ahati)</i></p> <ul style="list-style-type: none"> Key Products and Successes of the Task Group Materials Efficiency <i>Prof. Dr. D. Günter LIESEGANG, Leader TG Materials Efficiency</i> <i>Dr. Thomas STERR, Adaption of Waste Management Tools for China</i> <i>JIAO, Jian, Implementation of Waste Management Software in Midong</i> <i>Miguel SEYBOTH, Programming of Waste Management Software for China</i> <i>GUO, Bin, circular economy development in Midong</i>
14:00h – 15:30	Lunch
15:30h – 17:10h	<p>Key products of the RECAST Urumqi Project (Part II and III) <i>(moderation: Dr. Thomas Sterr)</i></p> <ul style="list-style-type: none"> Key Products and Successes of the Task Group Energy Efficiency <i>Mr. Bernd FRANKE, Leader TG Energy Efficiency RECAST Urumqi</i> <i>Mr. HE, Feng, Director Assistant Construction Committee (CC) Urumqi</i> <i>Mr. Ralf BERMICH, Director Energy & Climate Protection, City of Heidelberg</i> <i>Mr. TANG, Hengzhi, General Manager, Dacheng International Co. Ltd. Urumqi</i> <i>Ms. PENG Xiaoyan, Sector Leader building energy efficiency CC Urumqi</i> <i>Mr. Jiaerheng, AHATI, Leader TG Energy Eff. RECAST Urumqi, Chinese side</i> Key Products & Successes of the Task Group Water Resource Efficiency <i>Prof. Dr. ZHOU, Kefa (Institute of Ecology and Geography of CAS Xinjiang)</i> Soil moisture modeling Urumqi region with GPR <i>Prof. Dr. HE, Ying (Xinjiang Agricultural University)</i> Water resource modeling Urumqi Closing remarks <i>Dr. Thomas STERR / Jiaerheng AHATI</i>
17:10h – 17:30h	Tea break

17.30h – 19:00h	<p>Low Carbon Economy Xinjiang (<i>moderation: Prof. Dr. D. Günter LIESEGANG</i>)</p> <ul style="list-style-type: none"> • Low Carbon Development Options for Urumqi (<i>Ass. Prof. Dr. LEI, Jun (Ms.) / SUN, Changlong</i>) • Air Pollution Analysis, Prevention and Control in Urumqi <i>Ms. RUI, Lihong, Vice Director EPB Urumqi / ZHANG, Xinyou, Director General EPB Urumqi</i>) • Introduction to the Scientific and Technological international collaboration program of the Central Government of PRC for Xinjiang (<i>Dr. DONG, Ping</i>) <i>Division Head of the Department of international relations of the Department for Science and Technology of Xinjiang Province</i>
19h – 19:30h	<ul style="list-style-type: none"> • Banner, poster and picture exhibition of the RECAST Urumqi Project (<i>Dr. Thomas STERR / Jiaerheng AHATI / Bernd FRANKE</i>)
20h	<ul style="list-style-type: none"> • Formal Dinner hosted by <i>SAIYITIHAMUZHA Ma'ao</i> Vice Governor of Xinjiang Uygur Autonomous Region of the People's Republic of China, Urumqi (<i>Deputy party secretary of the Xinjiang Government will also attend</i>)

Friday 11 th of October 9:45h	<p>Broadening the space for new Sino-German partnerships <i>Morning</i> <i>9:45h Pick up time at meeting point; lobby of Hoi Tak Hotel</i></p> <p>III. Resource efficient industrial park developments in Urumqi Region Location: Planning Exhibition Center of Urumqi Economic and Technological Development Zone (UETDZ)</p> <p>Political Frames and Planning Strategies</p> <ul style="list-style-type: none"> • Visit of the Exhibition Center and site inspection • <i>Mr. DING, Tongzu</i>, Vice Director of UETDZ Introduction on development planning strategies and environmental measures at UETDZ – current stage of developments and the near future • Resource Efficiency in Baden-Württemberg – Instruments for the promotion of environmental technologies and their implementation in practice <i>Dr. Thomas STERR in charge of Dr. Christian KÜHNE</i>, (Ministry of the Environment, Climate Protection and the Energy Sector Baden-Württemberg)
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	<p>New Perspectives:</p> <p>Strategies for Resource Efficiency and Eco-District Development in Urumqi Economic and Technological Development District (Toutunhe)</p> <ul style="list-style-type: none"> • Eco-Industrial Park Development in Germany and China <i>Dr. ZHAO, Chenxi</i>, XJAEPS / <i>Dr. Thomas STERR</i>, Heidelberg University • Sino-German Cooperation in the educational sector <i>Prof. Dr. Udo WEIS</i> SRH Heidelberg <i>Gulinuer MAIMAITI</i> Xinjiang Institute for Light Industry Technology, Urumqi
	Lunch
	<p>Afternoon</p> <p>Site visits</p>
	<p>Dinner (depending on the site visits) (hosted by the German delegation)</p>

<p>Saturday 12th of October 10h – 11:30h</p>	<p>Broadening the space for New Sino-German Partnerships</p> <p>Morning</p> <p>Location: Hoi Tak Hotel, 4th floor</p> <p>I. Decentralised Infrastructural Development in Rural Areas of Xinjiang (moderation: <i>Zhang MING</i> / <i>Dr. Thomas STERR</i>)</p> <ul style="list-style-type: none"> • Current situation and strategic options for water provision and water treatment systems in rural areas of Xinjiang <i>MA, Junying</i> (Xinjiang Academy for Environmental Protection Sciences) • Sustainable Management of Waste Resources and Water Services <i>Dr. Helmut LEHN</i> – Karlsruhe Institute of Technology (KIT), Karlsruhe • Technologies and Experiences in Decentralised Waste Water Treatment / infrastructure Development in Germany – transferability to Xinjiang? <i>Dr. Thomas STERR</i> in charge of <i>Ms. Barbara WAELKENS</i>, Fraunhofer Institute for Interfacial Engineering and Biotechnology (IGB), Stuttgart
<p>11:30 – 11:50h</p>	Coffee Break

12:00h – 13:00h	<p>II. GIS Applications for Rural Areas of Xinjiang</p> <ul style="list-style-type: none"> GIS applications for research topics in rural and urban areas as well as natural ecosystems of Xinjiang <i>Johannes LAUER</i>, researcher at Chair of GIS, Department of Geography of Heidelberg University <p>III. Energy Efficiency in Buildings</p> <ul style="list-style-type: none"> XEEBRA: Xinjiang Energy Efficient Building Research Association. Establishing a centre of excellence and removing barriers to implement extra-low energy buildings in Xinjiang and beyond. <i>Bernd FRANKE</i>, Scientific Director ifeu
13:00 – 15:30h	Lunch (at Hoi Tak Hotel, provided by German Delegation) or Leisure
15.30h 16h	<p>Afternoon</p> <p>Pick up for transfer to Xingfubao (<i>in the Lobby of Hoi Tak Hotel</i>)</p> <p>Xingfubao, the first Passive House in Western China</p> <p><i>Preliminary draft:</i></p> <ul style="list-style-type: none"> <i>Mr. TANG, Hengzhi</i> (General Manager, Dacheng International Co. Ltd., Urumqi) Energy Efficient Technologies from Germany adapted to Xinjiang. Opportunities for continued Sino-German collaboration. <i>Jörn BEISSERT</i> (counsellor of the economic department of the Embassy of The Federal Republic of Germany to the People's Republic of China, Beijing) <i>Mrs. PENG, Xiaoyan</i> Construction Bureau of the Municipality of Urumqi <i>Bernd FRANKE</i> (RECAST Urumqi, Leader Task Group Energy Efficiency)
20h	<p>Evening</p> <p>(<i>Invitation by Mr. Shao FENG</i>)</p>

<p>Sunday 13th of October 9:00h – open end</p>	<p>Full day Excursion to the Turpan Basin</p> <p><i>9h Pick up time at meeting point in the lobby of Hoi Tak Hotel for bus transfer to</i></p> <ul style="list-style-type: none"> Dabancheng Corridor Thousand Buddha caves of Beziklik Turpan (Details of visit according to time frame and preferences of the members of the German delegation) <p>(<i>open end</i>)</p>
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<p>Monday 14th of October</p>	<p>Open slot for Sino-German Partner meetings and preparatory visits</p> <p><i>Morning: CLIENT Partner Workshop</i> <i>Location: Dapugou</i></p> <ul style="list-style-type: none"> • Internal Sino-German Partner Workshop with respect to the CLIENT Application on Eco-District Development at Toutunhe • including visit of Dapugou solid waste recycling and disposal park
<p>Tuesday 15th of October</p>	<p>End of the project related official stay in Urumqi</p> <p><i>German delegation leaves for Germany</i></p>

For questions & suggestions with respect to the whole program please refer to:

Dr. Thomas Sterr

(Conference design & strategic questions)

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Dipl. Geogr. Ying Li (Ms)

(questions with respect to travels and visa, coordination and translation of PPTs, who is who brochure, comprehensive support during Urumqi conference)

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