

IP 13 Urban Transformations: Sustainable urban development towards resource efficiency, quality of life

The "Speakers Corner" is a quarterly newsletter to provide information regarding the progress of the IP-work. It will inform about ongoing processes, decisions, and events. The newsletter supports a vital exchange within the IP. Its content is the result of the close consultation of the IP-Speaker, manager, and the WP-Speakers. In the event of queries or requests for additional information please do not hesitate to contact the IP-Speaker or the IP-Manager.

IP-Homepage

Have a look at our IP-Homepage www.ufz.de/stadt (German) or www.ufz.de/index.php?en=32267 (English). The current homepage provides an overview and valid description of our IP. Concerning the up-dating of the IP- performance, the work-packages (WPs) will feed in the news of their research. If you have any suggestions to improve the website please share your ideas with us.

IP-Architecture

After one year of intensive work in the five WPs of the IP there has been a change in the IP-Architecture. Because Katrin Grossmann, former Speaker of WP 4 "Transformations of Urban Energy Systems", assumed her new post as professor at the University of Applied Sciences in Erfurt on 1 October 2014, the joint decision was made, not to continue this WP. The initiated projects will proceed in the other WPs.

WP-Research

Regarding the conceptual work in **WP 1**, two aspects to be highlighted are a) the development of an IP Vision (UFZ 2015+) and b) the work to further unfold the term "Urban Transformations". In the context of the "Virtual Urban Expo", the preparation of the 2015 exhibition on the occasion of the 1000 anniversary of Leipzig was in the focus. The **WP 2** elaborated a conceptual model of the interlinkages between urban land use and urban ecosystem services. On the basis of urban shrinkage and regrowth processes, empirical remote sensing and GIS-based analyses have been carried out for the TERENO region Leipzig-Halle. Beyond, a large survey on migration patterns was executed in cooperation with the City of Leipzig. The **WP 3** dedicated its efforts towards the establishment of the initiative "Future water Leipzig" in cooperation with the local water enterprise (KWW Leipzig), Fraunhofer Institute and DIFU (German Institute of Urban Affairs). In the **WP 4** a paper about "energy poverty at local level" as contribution to a policy brief of the "Academy-Project Energiewende" was produced. Furthermore a joint initiative to create a "Erlebnispfad Biogasanlage" together with local stakeholders in Fulda started. Within the **WP 5** climate change related adaptation strategies, based on research in Latin America and Africa, have been compiled for the international UCCRN-report. Empirical analyses about stakeholder responsibility in case of extreme flood events and about pollution effects on neighborhood level have been carried out.

IP Vision - UFZ 2025+

In the context of the greater UFZ Strategy 2025+ our IP elaborated the vision "Urbanized Environments: One trend, multiple solutions". The paper is available under `Y:\Gruppen\pof3t13\UFZ Strategie 2025\`. The vision was presented and discussed at UFZ 2025+ strategy conference (8-9 September 2014) and at WTR-Klausur (9 October 2014).

IP-Flash lights

- Workshop about advanced visualization and communication tools: 14 November 2014
- Next IP-summit: 3 December 2014, 9-12 am
- Procedure for filling the post for the IP-Manager: intended start 19 January 2015
- New format of scientific IP-exchange proposed: "IP-Dialogue"
- WTR-lecture series: IP UrbTrans proposal "Resilient cities in the context of flood vulnerability"
- Regular IP steering group meeting: every first Tuesday of the month, 3-5 pm