

UHI
**“Development and application of mitigation and
adaptation strategies and measures for
counteracting
the global Urban Heat Islands phenomenon”
(3CE292P3)**

Local Working Group Meeting II
Prague

23rd June 2014

Organized by:
IPR – Prague Institute of Planning and Development
Charles University of Prague, Dept. of Meteorology
Czech Hydrometeorological Institute Prague



**Meeting Venue: Profesní dům,
Malostranské náměstí 25, Praha 1**

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Monday, June, 23rd 2014

		Chairperson: <i>Maria Kazmukova</i>
09.30 – 10.00	Registration of participants	IPR, CHMI,
10.00 – 10.05	Welcome speech	City of Prague
10.05 – 10.10	Fundamentals of UHI project	Paolo Lauriola, ARPA Bologna

SESSION A: UHI Project in Prague

		Chairperson: <i>Tomáš Halenka</i>
10.10 – 10.15	Overview of the UHI project in Prague	Maria Kazmukova, IPR Prague
10.15 – 10.30	UHI phenomenon in Prague	Michal Zak, Petr Skalák, Pavel Zahradníček CHMI Prague
10.30 – 10.45	Modelling of cities' impact on climate	Tomas Halenka MFF CUNI Prague

10.45 – 11.00

Coffee break

SESSION B: Pilot Actions in UHI cities/regions

		Chairperson: <i>Tomáš Halenka</i>
11.00 – 11.20	Presentation of UHI project in Vienna	Juergen Preiss, MA 22 Vienna
11.20 - 11.40	Presentation of UHI project in Stuttgart	Rayk Rinke Landeshauptstadt Stuttgart
11.40 – 12.00	UHI Simulations for Stuttgart	Letizia Martinelli University of Freiburg

12.00 – 13.30

Lunch

Session B – continuation: Pilot Actions in UHI cities/regions

Chairperson:
Michal Žák

13.30 – 13.45	Presentation of UHI in Budapest	Gyorgyi Baranka, Laszlo Bodo, HMO Budapest
13.45 – 14.00	UHI Mitigation and City Planning in Veneto Region	Pierpaolo Campostrini, Veneto Region

Session C: Pilot Actions in Prague

14:00 – 15.15	Modelling of Mitigation Methods Effects in Street Canyon	Václav Fuka et al. MFF Univerzita Karlova Praha
	Proposed mitigation strategies in Pilot Area 1 Legerova Street and Pilot Area 2 Holešovice-Bubny in Prague	Dominik Aleš, Jan Flegl, Ondřej Zemanek, IPR Praha
	Impact of cities on interaction between climate and air quality	Peter Huszar et al. MFF Charles University Prague
	Fine resolution modelling of meteorological and air quality conditions in urbanized areas (Prague)	Jaroslav Resler et al. ATEM Prague

SESSION: **ROUNDE TABLE DISCUSSION** **Chairperson:** **Michal Žák**

15.15 – 15.45	Round Table Discussion Mitigation Strategies
15.45 – 16.00	Round Table Discussion Adaptation Strategies

16.00 – 16.30	Discussion and coffee break
16.30 – 16.45	Recap and conclusions