



# The FEW-meter Background

- Focus on urban agriculture (UA), the “practice of cultivating, processing and distributing food in or around urban areas” (Bailkey & Nasr, 2000)
- Benefits of UA are highly acknowledged
- Debate about the limitations of UA food production
- **FEW-meter will contribute to better understand and improve existing UA practices**



Photo: ILS



# The FEW-meter Consortium...

- ...brings together an **interdisciplinary** and **transdisciplinary** team of scientists from social to natural sciences, municipalities, NGO's and/or garden associations and SME from Europe and the US
- ...follows a **multi-actors approach** to co-create together with farmers a data collection system and to collect data
- ... reflects the **multi-layered, multi-scalar nature** of urban gardening and urban farming



Photo: AVV

## References:

- Algert, Susan J., Aziz Baameur, et Marian J. Renvall. 2014. « Vegetable Output and Cost Savings of Community Gardens in San Jose, California ». *Journal of the Academy of Nutrition and Dietetics*. doi:10.1016/j.jand.2014.02.030.
- Bailkey, M., and J. Nasr. 2000. "From Brownfields to Greenfields: Producing Food in North American Cities," *Community Food Security News*. Fall 1999/Winter 2000:6
- Banerjee, C., & Adenaeuer, L. (2014). Up, Up and Away! The Economics of Vertical Farming. *Journal of Agricultural Studies*, 2(1), 40-60.
- Hursthouse, A. Leitão T.E. (2016): Environmental pressures on and the status of urban allotments in: Bell, S.; Fox-Kämper, R.; Keshavarz, N.; Benson, M.; Caputo, S.; Noori, S.; Voigt, A. (Eds.): *Urban Allotment Gardens in Europe*. Earthscan
- McClintock, N., J. Cooper, et S. Khandeshi. 2013. « Assessing the potential contribution of vacant land to urban vegetable production and consumption in Oakland, California ». *Landscape and Urban Planning* 111: 46-58.
- Morel, K., and F. Léger. 2016. « A conceptual framework for alternative farmers' strategic choices: the case of French organic market gardening microfarms ». *Agroecology and Sustainable Food Systems* 40 (5): 466-92.
- Reynolds, K. and Cohen, N. (2016) *Beyond the Kale: Urban Agriculture and Social Justice Activism in New York City*. Athens, GA: University of Georgia Press
- Rojas-Valencia, M.N.; Velásquez, M.T. Orta de; Franco, Víctor (2011). "Urban agriculture, using sustainable practices that involve the reuse of wastewater and solid waste". *Agricultural Water Management*. 98 (9): 1388–94.
- Bell, J. N.B.; Power, S. A.; Jarraud, N.; Agrawal, M.; Davies, C. (2011). "The effects of air pollution on urban ecosystems and agriculture". *International Journal of Sustainable Development & World Ecology*. 18 (3): 226–35.
- Veenhuizen, R. van, et al. 2006. *Cities farming for the future: urban agriculture for green and productive cities*. RUAF Foundation, IDRC and IIRR Publishing. Ottawa. <http://www.ruaf.org/publications/cities-farming-future-urban-agriculture-green-and-productive-cities>.