## Institute for Transport Planning and Systems (IVT)

### Swiss Federal Institute of Technology

Monday, November 9th, 2015, 16-18hr HIL F36.1; ETH Hönggerberg, Zürich



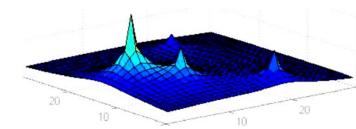


# URBAN FLOW LINES — ISOBENEFIT LINES — ISOBENEFIT URBANISM

#### Luca D'Acci

Head of Urban Structure Coordinator of Urban Environment and Climate Change IHS, Erasmus University Rotterdam





Luca D'Acci, Head of Urban Structure and coordinator of Urban Environment and Climate Change at IHS in Erasmus University Rotterdam, shows the urban flow lines to "translate cities into benefit landscapes, subjective and continually changeable according to personal moods/needs/preferences and urban transformations. They read attractiveness and how they flow throughout the city. Doing it for each urban point and for each urban attraction, we obtain the isobenefit orography of the city, namely a map of its urban attractions and of their flows. This is a liquid surface rather than solid, as it varies across time and people. It is in this liquidness where resides the complexity of cities, their bottom-up spirit and the dynamicity of equilibriums and networks".

Connected with the Isobenefit Lines approach, D'Acci will also share some thoughts about cities which mix soft top-down planning with spontaneous emergence from local contexts and times, by the simple urban genetic code of the *Isobenefit Urbanism*. It generates cities that are low carbon, adaptive, connected, compact, multifunctional settlements throughout nature, with unplanned forms and unlimitedly extendible, in which one does not need cars and can feel both urbanity and nature.



### Reference

D'Acci L. (2015). <u>Mathematize urbes by humanizing them. Cities as Isobenefit Landscapes: Psycho-Economical distances and Personal Isobenefit Lines</u>. *Landscape and Urban Planning*, Volume 139, pp 63–81.

D'Acci L. (2013). Simulating Future Societies in Isobenefit Cities. Futures. Volume 54, pp 3-18

D'Acci L. (2014). Urban DNA for cities evolution. arXiv:1408.2874