

2011 Environment Calls in FP7

- Werner Stumpf, University of Natural Resources and Applied Life Sciences
- Department of Applied Plant Sciences and Plant Biotechnology
 - Holistic food quality assurance using biophoton research
 - Synoptics of water-, air-, earth-, lifesphere and solar sciences
- Application of scientific results in local, self – organizing holotopes



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<https://forschung.boku.ac.at>

<http://www.ahc-holotop.net>

"Thinking globally & acting locally in a fractal-self-similar way"

- Develop self-organizing, open, non-linear, fractal systems to address global challenges
- Photogrammetric research to identify local potential for energy and food Production
- Enable regional production, consumption and employment
- Establish and prototype self sufficient local regions (holotopes)
- Teach holosophy, as roadmap toward sustainability

Partnership

- University of Natural Resources and Applied Life Sciences
- Academy for Holistic Culture, Vienna, Prof. Dr. Herbert Klima,
- South - West University Blagoevgrad, Bulgaria, Dr. Sci. Prof. Anton Antonov, Biophysicist
- Centre of Biopsychophysical Phenomena in Man, Stoyan Vezenkov, PhD, Ass. Prof. of Neurophysiology
- Keith & Keith Ltd., Prof. Jivko Jelev
- *FAO of the UN, Regional Office for Europe; Dr. Rainer Krell*
- *World Bank, rural development, system approaches, R. Kopick*

Skill profile of partnership and previous research

- Holistic agriculture, construction, sustainable energy, holistic health care, fractal economy
- water - hydrogeology, cluster, anomalies
- soil - natural, organic fertilizers
- air - CO₂-emissions, O₂-production, vertical farming,
- life - biophoton emission, "healthy food for healthy people"

