

# HORIZON 2020

## HEALTH PARTNERING DAY 2017

HEALTH, DEMOGRAPHIC CHANGE & WELLBEING



7 DECEMBER 2017, BRUSSELS

**Session 2: Health-related topics (ICT, SSH, Food Security, Climate, Cybersecurity)**

## **Urban Heat Island impacts to Health**

**Ali Serdar Atalay**

BitNet

# Urban Heat Island impacts to Health



**Urban Health Care database investigation**

**To Respiratory, Allergy, Human Behavior, Childs, and Elderly  
for LC-CLA-03-2018**

**BitNet is Real Time Analytics Platform company developing  
Interactive HPC, BigData Solutions for Education, Energy,  
Finance, Defense and Health.**

**H2020, FP7, ITEA**

**Climate Change, Cyber Physical  
Cyber Security Participation**



*recognized by* **CIOReview** *magazine as*



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## **Urban Health Care database investigation**

### **To Respiratory, Allergy, Human Behavior, Childs, and Elderly for LC-CLA-03-2018**

- BitNet is Global ICT leader for URBAN GreenUP Project, also responsible for monitoring, analysis and mitigation of heat island impacts.
- Looking forward to extend our research to health impacts, human behavior, mortality, respiratory diseases, child and elderly people incorporating with Izmir Municipality and Tepecik research hospital
- Other expertise in this field from our partners, is climate change, extreme weather events, flooding, drought related disaster impacts and disaster planning.

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## Partners Engaged and/or Under Discussion so far:

- Experienced Coordinator
- Disaster Planning and disaster medical response NGOs;
- Local Hospitals, child and elder care centers.
- URBAN Green UP Partners (H2020 Project)
- Administrative Database providers
- BeSeCu (FP 7 project), Human behavior in crisis situations, partners

## Partners Needed

- We would like to be contributor to larger consortium with our Expertise on Urban Heat Island Health impacts, Extreme events impact to human behavior, disaster planning and medical response.

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