



SMART CITIES FROM A SYSTEMS PERSPECTIVE

How to move from separate issues to an integrated vision and actionable, scalable and measurable projects that connect



UNC
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NC Clean Tech Pre-Summit Event, Wednesday February 17, Chapel Hill

For Who?

Local governments, developers, industry, and others involved with “place”

- that understand that various Smart City ideas hold promise to greatly improve operations, efficiency, citizen well-being and safety
- that need to hone their vision and guiding principles so they work in today's Smart City context
- that want to scale up and *integrate* isolated pilots, technologies and concepts with measurable costs and results.

As well as UNC students and faculty, invited to join the morning program.

Why?

Smart Cities are hot. But what are they and what is really behind the concept? Individual tech and IT firms may have brilliant ideas, but how do we know that these will work in your community, without impeding other important issues and initiatives? How do we embed accountability? How do we work from a wide systems perspective that includes all important themes, structures and stakeholders?

This One-day workshop in conjunction with the **NC Clean Tech Summit** is spearheaded by Strateq (www.strateq.nl) and hosted by the University of North Carolina at Chapel Hill's **Institute for the Environment**, **Kenan-Flagler's Center for Sustainable Enterprise**, and Epsilon Eta.

 is a smart cities research and consulting firm with offices in the Hague, Netherlands and Chapel Hill, NC, U.S.

Founded over twenty five years ago, by Drs. Ing. Cor Rademaker, MBA, visiting scholar smart cities UNC; CEO Strateq, Netherlands. An acknowledged international expert with thirty years of experience in urban development and associated econometrics, market research, logistics and planning, he is developing a UNC-based, regional smart cities hub. He lectures on smart city topics locally, as well as at several institutions in Europe. Furthermore, Mr. Rademaker is chairman of the national Dutch Strategic Smart City Advisory Board.





Program

Time

Speakers

Big picture: why an integrated, systems approach for smart cities

09:00

Registration

State of the art: what's the status of smart cities in the U.S. and Europe

09:30

Keynote: Mr. Russ Vanos, SVP Strategy and Development Itron. Keynote speaker

Voces from the field: challenges, barriers to implementation, solutions (panel discussion)

10:30

International Expert: Drs. Ing. Cor Rademaker, MBA, Visiting Scholar Smart Cities UNC; CEO Strateq, Netherlands

11:30

Panel Discussion

- Trevor Clements, Director Water, Tetractech
- City Manager Durham (invited)
- Dr. Arcot Rajasekar, professor, Information Sciences, UNC
- Maurice Ferrell, Asst. Director for the Center of Public Technology, UNC School of Government
- Jonathan Estes, CEO Smart Game Systems, Inc.

12:30

1:30 pm

3 pm

4 pm

Lunch provided

Panel and Workshop Facilitator
Michiel Doorn, Strateq USA

Workshop Session 1: Experience applying a practical model - practising with systemic bottom-up and top-down approaches

Workshop Session 2: Plenary Discussion, results, and next steps. Closing remarks.

What you will get?

- Update on state-of-the-art smart city developments in North Carolina, the United States and globally.
- Understanding why Smart City solutions can't be addressed or implemented in isolation and the framework to be more systems-oriented.
- A practical model to apply a systems approach to making your city smart(er).
- Networking with leaders and systems thinkers in the integrated Smart City field.

Where and when?

Wednesday, February 17, 2016, starting 9:00 am, in the Union Auditorium, UNC 3103 South Rd, Chapel Hill, NC 27599. Ends at 4 pm.

The closest parking to the Student Union is at the Raleigh Road (Highway 54) visitor lot.

Registration

Go to ie.unc.edu/cleantech/, Pre-summit Events. Admission is free but registration is required for non students in order to plan for lunch and the afternoon workshops.

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