

SMART CITY ACADEMY

DANIEL VAN DEN BUUSE

RESEARCHER & TEACHER

**"A SMART IS A CITY IN WHICH
INNOVATIVE TECHNOLOGICAL
SOLUTIONS FOR SUSTAINABLE
URBAN DEVELOPMENT ARE TESTED
AND IMPLEMENTED, THROUGH
COLLABORATIONS BETWEEN PUBLIC
AND PRIVATE STAKEHOLDERS"**

FIELD OF KNOWLEDGE

- International Business
- Strategic Management
- Sustainable Innovation

IDEAS FOR THE FUTURE

- Research on the role of business in the creation of smart cities, and the ability of firms to scale up solutions for sustainable urban development to other cities



CONTACT

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COMPLETED STUDIES

- Van Winden, W. & Van den Buuse, D. (2017). Smart city pilot projects: exploring the dimensions and conditions of scaling up. *Journal of Urban Technology*, 24: 51-72
- Van Winden, W., Oskam, I., Van den Buuse, D., Schrama, W., & Van Duijk, E. (2016). Organising smart city projects – lessons from Amsterdam. Amsterdam University of Applied Sciences



SMART CITY ACADEMY

INGE OSKAM

PROFESSOR CIRCULAR DESIGN & BUSINESS



**"A SMART CITY IS A CITY WHERE
CITIZENS, ENTREPRENEURS,
DESIGNERS, RESEARCHERS, AND
POLICY MAKERS CO-CREATE A
SUSTAINABLE PLACE TO LIVE, WORK
AND PLAY"**

FIELD OF KNOWLEDGE


- Circular design
- Sustainable business models
- Cross-sector collaboration

IDEAS FOR THE FUTURE

- The collaborative business canvas, Developing a visual tool and approach that supports organizations to develop a business model for a collaborative venture or project that they are starting together
- Making the circular city smart, and the smart city circular.



CONTACT

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COMPLETED STUDIES

- Research projects for a Circular City:
- RECURF, reusing textile waste in circular products and business models
- ReOrganise, decentralized processing of organic waste
- Case study for local reuse and recycling of discarded stadium seats

SMART CITY ACADEMY

INGRID WAKKEE

PROFESSOR ENTREPRENEURSHIP



**"A SMART CITY IS AN
ENTREPRENEURIAL CITY WHERE
HIGHLY DIVERSE ACTORS USE
INNOVATION TO CREATE VALUE TO
ENHANCE LIVEABILITY"**

FIELD OF KNOWLEDGE

- Entrepreneurship

IDEAS FOR THE FUTURE

- Tackling Food Waste
- Collaborative Entrepreneurship
- Failure and Recovery

CONTACT

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COMPLETED STUDIES

- Lectorale rede 2017,
ondernemen doe je niet alleen



SMART CITY ACADEMY

JEROEN KRAAIJENBRINK

SENIOR RESEARCHER

"A SMART CITY IS A CITY IN WHICH PEOPLE AND ORGANIZATIONS COLLABORATIVELY IMPROVE URBAN LIFE USING THE LATEST AVAILABLE TECHNOLOGY."

FIELD OF KNOWLEDGE

- Strategic management
- Business models
- Entrepreneurship

IDEAS FOR THE FUTURE

- The collaborative business canvas, developing a visual tool and approach that supports organizations to develop a business model for a collaborative venture or project that they are starting together
- Ecosystem strategy, developing a handbook and toolset that enables the generation and execution of strategy at the ecosystem or value chain level



CONTACT

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COMPLETED STUDIES

- From residue to return on investment: a guide for the development of residue driven business models:
Creating a short, step-by-step guide for developing resource-driven business models. This guide helps entrepreneurs and others to turn available resources such as waste or unused materials into a viable business model.

SMART CITY ACADEMY

MARIE MOREL

RESEARCHER



CONTACT

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"A SMART CITY ENGAGES ITS CITIZENS TO PARTICIPATE IN DECISION-MAKING AND SHARED LEARNING THROUGH NEW TECHNOLOGIES, WHICH MAKES THE CITY A MORE LIVEABLE AND RESILIENT PLACE."

FIELD OF KNOWLEDGE

- Collaborative governance
- User involvement
- Urban development

IDEAS FOR THE FUTURE

- Tech justice: increase accessibility and participation in smart city projects.



SMART CITY ACADEMY

MARTIJN DE WAAL

RESEARCHER PLAY & CIVIC MEDIA

**"A SMART CITY IS EMPOWERING
CITIZENS AND CONTRIBUTES TO
PUBLIC VALUE CREATION"**

FIELD OF KNOWLEDGE

- Digital Media & Public Space
- Digital Placemaking
- Civic Media

IDEAS FOR THE FUTURE

- Smart Technologies Empowering Citizens
In this research project we explore how digital platforms can empower citizens in a.o. the process of citymaking.
- Responsive Urban Spaces
In a collaboration with Frank Suurenbroek from AUAS Urban Technology we explore the design of digital media installation in the activation of public spaces



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COMPLETED STUDIES

- The Hackable City
The Hackable City is a research project that explores the potential for new modes of collaborative citymaking, in a network society. The team's primary case study is Buiksloterham, a brownfield regeneration project in Amsterdam North.
- The Platform Society
In their book The Platform Society authors José van Dijck, Thomas Poell and Martijn de Waal analyze the struggle for public values in a society that is increasingly organized through the mechanisms of digital platforms.
- The City as Interface
Research project on urban public space in the network society.

SMART CITY ACADEMY

NANDA PIERSMA

PROFESSOR URBAN ANALYTICS



FIELD OF KNOWLEDGE

- Data analysis
- Algorithms
- Business analytics

IDEAS FOR THE FUTURE

- Data hunting
- Dashboards applications

CONTACT

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COMPLETED STUDIES

- Energy models and Logistic profiles of Shopping streets



SMART CITY ACADEMY

RICHARD MARTINA

TEACHER & RESEARCHER



"A SMART CITY IS AN URBAN AREA THAT USES PHYSICAL DEVICES, SENSORS AND ICT APPLICATIONS TO PROVIDE SOLUTIONS TO PROBLEMS FACED BY ITS RESIDENTS, BUSINESSES AND VISITORS, TO IMPROVE THE ECONOMIC PROSPERITY, SOCIAL WELL-BEING AND VITALITY OF EVERYONE"

FIELD OF KNOWLEDGE

- Entrepreneurship (business models, collaboration, decision-making, education, learning & expertise)

IDEAS FOR THE FUTURE

- Tackling Food Waste
- Hear No Evil : Ubiquitous Home Security
- Education for Expertise Development

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SMART CITY ACADEMY

ROBERT VAN DEN HOED

PROFESSOR ENERGY AND INNOVATION



**"A SMART CITY IS A CITY WHERE
INNOVATION, TECHNOLOGY,
INTERCONNECTEDNESS AND
COMMUNITIES MEET UNDER
STRUCTURAL REFLECTION AND
LEARNING"**

FIELD OF KNOWLEDGE

- Energy transition
- Electric mobility
- Radical innovation

IDEAS FOR THE FUTURE

- Smart Charging Potential Analysis of Electric Vehicles
- Multistakeholder Business Canvas for Enabling multi-stakeholder Innovation
- Smart Incentives to Stimulate the Transition towards Zero Emission Taxis in Amsterdam.

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COMPLETED STUDIES

- Monitoring of Charging Infrastructure Utilization by Electric Vehicles
- Consumer and Business Case Research on Vehicle2Grid Applications
- Development and Analysis of Aggregator platforms for providing Mobility and Energy services



SMART CITY ACADEMY

STAN MAJOOR

PROFESSOR IN THE COORDINATION OF
URBAN ISSUES



FIELD OF KNOWLEDGE

- User involvement
- Management area of development
- Urban governance

IDEAS FOR THE FUTURE

- Data hunting
- Dashboards applications

CONTACT

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COMPLETED STUDIES

- Savini, F., Boterman, W.R., Van Gent, W.P.C., Majoor, S.J.H. (2016) Amsterdam in the 21st century: Geography, housing, spatial development and politics, *Cities*, 52, 103-113.
- Savini, F., Majoor, S.J.H., and Salet, W.G.M. (2015). Dilemmas of planning: intervention, regulation, and investment. *Planning Theory*, 14(3), p. 296-315.
- Savini, F., Majoor, S.J.H. and Salet, W.G.M. (2015). Urban peripheries, reflecting on politics and projects in Amsterdam, Milan and Paris. *Environment and Planning C: Government and policy*, 33(3), 457-474.



SMART CITY ACADEMY

WIEKE SCHRAMA

RESEARCHER & TEACHER

"A SMART CITY IS A CITY WHERE URBAN STAKEHOLDERS (GOVERNMENT, KNOWLEDGE INSTITUTES, FIRMS, CITIZENS, NGO'S, ETC) INNOVATE TOGETHER TO INCREASE THE QUALITY OF LIFE IN THE CITY"

FIELD OF KNOWLEDGE


- Organisation of smart city projects
- Smart city education strategic partnerships and social alliances

IDEAS FOR THE FUTURE

- Currently researching Private company role in Amsterdam Smart City Ecosystem
- Currently developing Smart City education modules
- Possible future research: evaluating smart city projects in other (European) cities



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COMPLETED STUDIES

- Winden, W. van, Oskam, I., Buuse, D., van den, Schrama, W. & Dijck, E. van. Organising Smart City Projects. Lessons from Amsterdam. Amsterdam University of Applied Sciences: 2016.

