

## **CURRICULUM VITAE, WILLEM VAN WINDEN**

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### **Summary**

Dr. Willem van Winden (PhD) is an expert in the field of urban and regional economic development and strategies. He was involved in numerous international studies and projects in these fields. Recent research and advisory work includes the following topics: the development of science parks and other 'knowledge locations' and clusters in cities; The economic aspects of local/regional 'green' policies; regional knowledge-based economic development; developing new methods of mapping the local knowledge economy.

Dr. van Winden is (co) author of several books and many articles in the field of urban and regional development, strategies and policies. Currently, Dr. Van Winden is the CEO of a consulting firm, UrbanIQ; also, he is a professor in the Amsterdam University of Applied Sciences.

### **Educational background**

1996 Master's degree in Spatial Economics, Erasmus University Rotterdam  
2003 PhD degree, Erasmus University Rotterdam

### **Membership of research schools and professional organizations**

- Research Fellow of research school ERIM (Erasmus Research Institute of Management)
- Member of the Editorial board of International Journal of Knowledge Based Development
- Member of the Dutch Association of Real Estate Research (VOGON)
- Member of the Regional Science Association
- Member of EAEPE (European Association for Evolutionary Political Economy)

### **Work experience**

1994-1995 Researcher/analyst, National Investment Bank, The Hague  
1996- 2001 PhD student at Tinbergen Institute, Erasmus University; Researcher at the European Institute for Comparative Urban Research (Euricur)

- 2001-2007 Assistant professor at the Department of Applied Economics, Urban, Regional, Port & Transport Economics, Rotterdam School of Economics, Erasmus University Rotterdam, and Project Leader at European Institute for Comparative Urban Research
- 2007- Managing director of the Erasmus Centre for Urban Management Studies (part time)
- 2008- Professor on Knowledge economy, Hogeschool Amsterdam
- 2008- CEO of UrbanIq.nl, for smarter cities

### **Advisory activities/functions/committees**

- 2006 Advising the city of Copenhagen (the Mayor's 'Think Tank') on how to attract international students and researchers to the region
- 2006 Advising the region on Twente on their future economic strategy
- 2005 Member of advisory board for the Randstad Region and the Ministry for Economic Affairs to assess the OECD territorial review study on the Randstad Region
- 2005 Member of the advisory board of the Sino-European Institute for Comparative Urban Research (SECURC)
- 2003 Member of Academic Committee of Masters course MEMR (Managing the European Metropolitan Region)

### **Project experience**

2008-2011 Lead expert in the REDIS network, an EU network of eight European cities that are developing science parks and/or knowledge quarters. His activity includes research in each case city, leading discussions in each city on the further development of the science locations, advisory work, 'feeding' local support groups, the organisation of study trips and visits, drawing general lessons on developing knowledge locations in cities

2010 Co-project leader in research project 'regional economic impacts of green policy'. This study focuses intends to assess the regional economic impacts of the highly ambitious climate adaptation policies of the City of Rotterdam.

2009-2010 Project leader in research project 'locations for the knowledge economy'. This study includes in-depth comparative analyses of knowledge locations in the cities of Dublin, Eindhoven, Incheon (Korea), Munich, and San Sebastian.

2006-2008 Project leader in research project 'The future of manufacturing in the urban knowledge-based development'. This is an international comparative project aimed at analysing the changing role of manufacturing industries in regional economies, as well as linkages between manufacturing and other parts of the value

chain (services, R&D). In-depth cases are carried out in the following cities: Shanghai, Paris, Munich, Dortmund, Ostrava, Porto, Sao Paolo, Rotterdam and Turku.

2005 Co-project leader in research project 'Cross-border co-operation for knowledge management'. This EU-funded project explores the possibilities and limitations for cities located close to the border to co-operate and jointly strengthen their economic and knowledge base. Involved cities are Duisburg, Aachen, Arnhem, Nijmegen, Enschede, and Dos Hermanas. I am project leader in this research project.

2005 Project leader in project 'Towards a new regional innovation strategy for the Twente Region'. This project aimed to carry out an analysis of the strengths and weaknesses of the Twente region in the light of the emerging knowledge-based economy.

2004 Project leader in EU-project STRIKE (Strategies for Regions in the Knowledge Economy). It resulted in a discussion paper and an international conference on governance issues for cities in the knowledge-based economy. The outcomes served as an input for the Minister's conference on Urban Issues, November 2004, for the Dutch EU presidency

2001 – 2004 Project leader in EU project MUTEIS (Macro Economic and Urban Trends in Europe's Information Society). This was a large international research project on the emerging digital economy in urban regions, commissioned by the DG Information Society. I composed the proposal, and led a team of people from six universities and two research institutes. The team carried out case studies in Sweden, Finland, Ireland, France, Germany, Spain, Italy and The Netherlands.

2003 – 2004 Project leader international research project 'Cities in the knowledge economy: an international comparative study in eight European cities'. We developed an analytical framework to assess the competitive position of cities in the knowledge-based economy. Case-studies were carried out in Amsterdam, Dortmund, Eindhoven, Helsinki, Munich, Muenster, Rotterdam and Zaragoza. This framework is now making inroads with policymakers in Europe.

2001-2002 Project leader in an international comparative research project on E-governance in cities. We conducted fieldwork in the cities of Barcelona, Cape Town, Eindhoven, Johannesburg, Tampere, Manchester, The Hague and Venice.

1999 Member of a research team on ICT and sustainable urban development. This was an explorative study on ICT policies in the cities of Eindhoven, Helsinki, Manchester, Marseilles, The Hague.

1997-1998 Member of a research team on the development of new urban growth sectors. How can urban regions seize new economic growth opportunities? In an international comparative study, we analysed the development of growth clusters in nine European cities: Amsterdam, Eindhoven, Helsinki, Leipzig, Lyons, Manchester, Munich, Rotterdam and Vienna. The results were presented on a large international conference in Munich.

## **Lecturing, Teaching, Supervising**

Dr Van Winden lectures on urban/regional development and urban management in the following Masters programmes:

- Masters course 'Regional, Port & Transport Economics' at the Rotterdam School of Economics
- International Masters 'Management of the European Metropolitan Regions', a post-experience Master in co-operation with the universities of Antwerp, Barcelona, Copenhagen, Venice and Rotterdam, for post-graduates
- International Masters Course in Urban Management, a post-experience master offered by Institute for Housing Studies (HIS)/Erasmus University, aimed at urban management professionals from the developing world
- Master City Developer, a professional master on urban development, aimed at property/real estate professionals and civil officers in The Netherlands, in co-operation with the Technical University Delft.

He is frequently asked to deliver (guest) lectures abroad, upon invitation or in the context of joint projects. Some examples:

- Urban economics in Master of Urban Management in Addis Ababa, Ethiopia, a professional Master at the Ethiopian Civil Service College
- Guest lecture at University of Zaragoza, Spain
- Guest lecture at Summer University in San Sebastian, Spain
- Lecture at European University, Szczecin, Poland

Furthermore, he has lectured in several in-company training courses for small groups. Finally, I frequently supervise masters' theses of students from all the Master's programmes listed above, and I am closely involved in the supervision of PhD students.

## **Management**

These are Dr Van Winden's current management activities:

- CEO of UrbanIQ.nl
- Project leader of several international research projects (see project list)
- Leader and initiator of the 'Urban Lab' at Amsterdam University of Applied Sciences
- President of Research Committee at Amsterdam University of Applied Sciences, Economics & Business faculty
- Leader of Knowledge Circle at Amsterdam University of Applied Sciences
- Supervision of PhDs and junior researchers in the research group

**Language skills**

Dutch: mother tongue;

English: fluent, active and passive

German: fluent, active and passive

French: good, active and passive

Spanish: Moderate, passive

**Social skills and competences**

Strong

**Organisational skills and competences**

Strong, much experience in organising seminars and conferences

**Computer skills and competences**

MS office, basic HTML

## LIST OF PUBLICATIONS

### 2010

Van Winden, W., L. van den Berg, L. Carvalho and E. Van Tuijl (2010), *How important is manufacturing in the 'new urban economy'*, Routledge, London

Van Winden, W. (2010), *Knowledge and the European City*, in *Tijdschrift voor Economische en Sociale Geografie*, Vol. 101, No. 1, pp. 100–106.

### 2009

Van Winden, W. (2009), *Urban knowledge economies affected by the crisis?*, *Urbact Tribune*, Vol. 1, No. 1, pp. 38-40

Van Winden, W. (2009), *Back to life, back to urbanity. On the re-urbanisation of knowledge*, paper presented at The Second Knowledge Cities Summit, Shenzhen, China, 5-7 November

Van Winden, W. (2009), *European Cities in the Knowledge-Based Economy: Observations and Policy Challenges*, *disP* 178, vol. 3, pp. 83-88

Van Winden, W. and L. Carvalho (2009), *Exploration and exploitation networks in space: The case of the shipbuilding cluster of Turku, Finland*, in: Mathiessen, U. and G. Mahnken (eds), *Das Wissen der Städte*, VS Verlag für Sozialwissenschaften, Wiesbaden

### 2008

Van Winden, W. (2008), *European cities in the knowledge based economy: some governance issues*, *DisP Special Issue on Knowledge, Networks, Space and Governance*, *Forthcoming*

Van Winden, W. and L. Carvalho (2007), *Urban competitiveness in the knowledge based economy: Evolution paths of the Portuguese Metropolitan Areas*, In Yigitcanlar, T. Velibeyoglu, K. Baum, S., *Knowledge-Based Urban Development: Planning and Applications in the Information Era*, Idea Books

### 2007

Van Winden, W., A. Otgaar, C. Speller and C. Berger (2007), *Cross-border cooperation for knowledge-based development: towards a roadmap*, paper for EC project *Change on Borders*, European Institute for Comparative Urban Research, Erasmus University, Rotterdam

Van Winden, W. and E. van Tuijl (2007), *Managing manufacturing industries in metropolitan regions: The automotive cluster in Shanghai*, paper presented at 2nd annual congress of SECURC (Sino-Europe Comparative Urban Research Centre), Shanghai Normal University, Shanghai, China

Van Winden, W. (2007), *Exploration and exploitation networks in space: The case of the shipbuilding cluster of Turku, Finland*, paper presented at IRS Leibniz Institut conference on networks, space, knowledge economy and governance, 15-16 March, IRS Erkner

Carvalho, L. and W. van Winden (2007), *Regional Capturing of Global Opportunities - Turku's Shipbuilding Cluster*, paper presented at the 1st International Seminar on Regional Innovation Policies, 22-23-24 February 2007, University of Porto

Van Winden, W. (2007), *New Waters Flowing*, Essay for the discussion paper 'Rotterdam, City of Water', for the Economic Development Board Rotterdam, EDBR, Rotterdam

Van Winden, W., L. van den Berg and P.M.J. Pol (2007), *European cities in the knowledge economy: towards a typology*, *Urban Studies*, vol. 44, No. 3, pp. 525 - 550

Van Winden, W., A. Otgaar, C. Speller and C. Berger (2007), *Cross-border cooperation for knowledge-based development: old institutions and new realities*, paper prepared for the 2<sup>nd</sup> International Seminar on Regional Innovation Policies, 11-12 October 2007, University of Salzburg

Van Winden, W. (2007), *Steden als motor van de kenniseconomie?*, in NETHUR Stadsdagboek "De economische kracht van de stad", *forthcoming*

## **2006**

Van Winden, W. (2006), *Cluster e innovación: el rol de los gobiernos*, Documentos para la reflexión 3, Garapen, San Sebastian

Van Winden, W. (2006), *De binnenstad als echte wereld*, in *Ruimte in Debat*, no. 4/2006, Ruimtelijk Planbureau, Den Haag, p. 9-11

Van den Berg, L., W. van Winden and P.M.J. Pol (2006), *The study of knowledge competitiveness in Europe*, in Kresl, P.K. and Pengfei, N., in *Global Urban Competitiveness Report*, Social Sciences Academic Press, China

Van Winden, W. (2006), *Globalisation and Urban Competitiveness: Challenges for Different Types of Urban Regions*, in OECD (2006), *Competitive Cities in the Global Economy*, OECD Publishing, Paris, pp. 303-316

Van Winden, W. (2006), *Small and medium sized cities in the knowledge-based economy: challenges and policy options*, in Sonnabend, R. and R. Stein, *The other cities: IBA stadumbau 2010*, Bauhaus Edition, Leipzig, pp 69-77

Van Winden, W., L. van den Berg, A. van der Meer and P. Woets (2006), *E-governance in European and South African Cities*, Ashgate, Aldershot

Van Winden, W. and L.M. Carvalho (2006), *The rise of China: Implications for the Textiles and Clothing industries in Portugal*, Paper presented for the workshop “The Rapid Industrialization of China and India: Domestic and International Consequences”, University of Antwerp, March 31 - April 1, 2006

Van Winden, W. (2006), *Making Cities work for the Lisbon Agenda? New Policy Frameworks in Finland, France and The Netherlands*, Background paper prepared for the conference “Urban Futures 2.0”, workshop “Lisbon and the Urban Knowledge Economy”, May 3-5, Stockholm, Sweden

## **2005**

Van Winden, W. (2005), e-Government and Strategic ICT management: an international comparative analysis, *E-government*, November 2005

Van Winden, W. (2005), *Globalisation and Urban Competitiveness: Challenges for Different Types of Urban Regions*, Paper prepared for OECD conference on Urban Competitiveness, Santa Cruz (Spain), March 3-4 2005

Van den Berg, L., E. Braun, and W van Winden (2005), Area based policy and entrepreneurship: European initiatives, in: OECD (2005), *Local Economic and Employment Development Entrepreneurship A Catalyst for Urban Regeneration: Entrepreneurship Advice, Training and Mentoring for Urban Renewal: Perspectives from the United Kingdom and Europe*, pp. 251-283, OECD, Paris

Van Winden, W. (2005), *De positie van Enschede en Netwerkstad in de kenniseconomie*, Euricur, Erasmus University Rotterdam

Van Winden, W. M. Gerritsen, E. Roos, M. Waaijenberg, *Innovatieagenda op maat van Twente*, Euricur/B&A groep

Van den Berg, L., P.M.J. Pol, W. van Winden and P. Woets (2005), *European cities in the knowledge economy*, Ashgate Publishers, Avebury

Van den Berg, L. R.M. van Hoek en W. van Winden, *Naar een Erasmus Centre for Urban Management, een voorstel om de EUR op de kaart te zetten als topcentrum voor onderzoek en onderwijs op het gebied van stedelijke ontwikkeling en management*, Erasmus University Rotterdam

## **2004**

Van Winden, W. and P. Woets (2004), Urban Broadband Internet Policies in Europe: A critical Review, in *Urban Studies* Vol 41, No. 10, pp 2043-2060

Van Winden, W., L. van den Berg and A. van der Meer (2004), The development of ICT clusters in European cities: Towards a typology, in *International Journal of Technology Management*, Vol. 28, Nos. 3/4/5/6, pp. 356-387

Van Dijk, M.P. and W. van Winden (2004), A comparison of European and Asian ICT clusters and their promotion policies, in Gupta, K.R. (ed), *Urban Development Debates in the New Millennium: studies in revisited theories and redefined praxes*, Atlantic Publishers, New Delhi, pp. 214-228

Van Winden, W. (2004), *ICT beleid in verschillende steden en wat valt er daar uit te leren*, in .NL, Tien jaar ICT-beleid in Nederland, Den Haag

Van den Berg, L. P. Pol, W. van Winden and P. Woets (2004), *European cities in the knowledge economy*, Euricur, Erasmus University, Rotterdam

Van der Meer, A., W. van Winden and P. Woets (eds.) (2004), *Urban ICT clusters and E-governance policies in France, Germany, Italy and Spain*, Euricur/Muteis, Erasmus University, Rotterdam

Van der Meer, A., W. van Winden and P. Woets (eds.) (2004), *Social and Economic Impacts of ICTs on selected cities in North-Western Europe*, Euricur/Muteis, Erasmus University, Rotterdam

Van den Berg, L., A. van der Meer, W. van Winden and P. Woets (2004), *E-governance in European and South African Cities. The cases of Barcelona, Cape Town, Eindhoven, Johannesburg, Manchester, Tampere, The Hague and Venice*, Euricur, Erasmus University, Rotterdam

Van Winden, W. and L. van den Berg (2004), *Cities in the knowledge economy: new governance challenges*, research paper for the Urbact project STRIKE (Strategies of Regions in the Knowledge Economy), Euricur, Erasmus University, Rotterdam

Van Winden, W. and P. Woets (2004), Gemeenten in snel internet: een kritische beschouwing, in *Overheid Innovatief* Vol. 5 No 4, pp. 38-39

Van den Berg, L., P.M.J. Pol, W. van Winden and P. Woets (2004), Helsinki in the knowledge economy, *Helsinki Quarterly*, vol. 3 No. 4, pp 22-26

## **2003**

Van der Meer, A. and W. van Winden (2003), E-governance in cities: A comparison of urban ICT policies, in *Regional Studies*, vol. 37. No 4, pp. 407-419

Van der Meer, A. and W. van Winden (2003), The ICT sector: growth engine for urban regions?, in F. Helten and B. Fischer (eds.), *Envisioning Telecity: Towards the urbanisation of ICT*, Peter Lang, Frankfurt a/M, pp. 85-107

Van der Meer, A., W. van Winden and P. Woets (2003), *ICT clusters in European cities during the 1990s: Development patterns and policy lessons*, Paper presented at the annual congress of the European Regional Science Association, Jyväskylä, 27th - 30th August 2003

Van Winden, W. and P. Woets (2003), *Urban Internet Policies in Europe: A critical Review*, Paper presented at the annual congress of the European Regional Science Association, Jyvaskyla, 27th - 30th August 2003

Van Winden, W. and P. Woets (2003), *Local strategic networks and policies in European ICT cluster*, paper for the 15th annual Conference of the European Association for Evolutionary Political Economy, Maastricht, 7th – 10th November 2003

Van den Berg, L., W. van Winden (2003), *Gesundheit als Wirtschaftsfaktor: Entwicklungschancen für den Cluster Gesundheit in München*, Report for the City of Munich, dept. of Economic Development and dept of Health&Environment

Van der Meer, A., W. van Winden and P. Woets (2003), *ICT clusters in European cities: Development patterns and policy lessons. The cases of Amsterdam, Cork, Dublin, Groningen, Helsinki, Jonkoping, Oulu, and Stockholm*, Euricur/Muteis, Erasmus University, Rotterdam

Van Winden, W. (2003), *Essays on Urban ICT Policies*, PhD thesis, Tinbergen Institute, Erasmus University Rotterdam

## **2002**

Van den Berg, L. W. van Winden (2002), Should cities help their citizens to adopt ICTs? On ICT adoption policies in European cities, *Environment&Planning C*, vol. 20, pp. 263-279

Van den Berg, L. and W. van Winden (2002), *Information and communications technology as potential catalyst for sustainable urban development*, Ashgate Publishers, Aldershot

Van Winden, W. (2002), Different cities, different clusters: ICT clusters and cluster promotion policies in European cities, *European Spatial Research and Policy*, vol. 9 (2), pp. 91-108

## **2001**

Van den Berg, L. E. Braun and W. van Winden (2001), *Growth clusters in European Metropolitan cities*, Ashgate, Aldershot

Van den Berg, L., E. Braun, and W van Winden (2001), Growth clusters in European cities: an integral approach, *Urban studies*, vol. 38 no.1 pp 185-205

Van Winden, W. (2001), The end of social exclusion? On information technology policy as a key to social inclusion in large european cities, *Regional Studies*, vol. 35, no 9, pp 861-877

Van Winden, W (2001), *Are computers going to solve urban problems? On ICTs and social inclusion*, Paper for the 41th congress of the European Regional Science Association, 28 August – 1 September 2001, Zagreb, Croatia

Van den Berg, L. and W. van Winden (2001), *ICT en de stad in Europees perspectief*, bijdrage aan het Nationaal Forum Lokale Overheid, op 4 oktober 2001 te Rotterdam

Van der Meer, A. and W. van Winden (2001), *The ICT sector: Growth engine for urban regions?*, paper presented at the conference "Envisioning Telecity – the urbanisation of ICT", December 3-4, 2001, Technical University of Berlin

## **2000**

Van den Berg, and W. van Winden (2000), *development opportunities for Munich's health cluster*, Euricur, Erasmus University, Rotterdam

Van den Berg, L. and W. van Winden (2000), *ICT as potential catalyst for Sustainable Urban Development: Experiences in the cities of Eindhoven, Helsinki, Manchester, Marseilles and The Hague*, Euricur Report, 171 pages, Erasmus University, Rotterdam

Van Winden, W. (2000), *Heeft de stad zijn beste tijd gehad? ICT en de economische dynamiek van steden* Chapter 4 in Bouman, H. and W. Hulsink (Eds.), *Silicon Valley in de Polder: ICT clusters in de Lage Landen*, Lemma, Utrecht

Van Winden, W. (2000), *ICT clusters in European cities: the cases of Helsinki, Manchester and The Hague*, Paper presented at the 40th Congress of the European Regional Science Association, Barcelona.

## **Keynote presentations**

Keynote on cross-border partnerships, at international conference 'Change on Borders', Aachen, Germany, 26 June 2007

Keynote on regional governance in the knowledge-based economy, conference on territorial dimension of the Lisbon Agenda, Ministry of the Interior, The Hague, 1 June 2007

Keynote on cities as 'engines' of the national economy, Nethur Stadsdag, Groningen, 25 January 2007

Keynote on the role of small and medium sized cities in the knowledge based economy, Congress Stadt Umbau 2010, Magdeburg, Germany, 18 October 2005

Keynote presentation on the economic development of the City of Zaragoza (Spain) from a European perspective, University of Zaragoza, 23 June 2005

Keynote on urban competitiveness and globalization, OECD conference on city competitiveness, Sta. Cruz, Spain, 4 March 2005

Keynote on ICT policy and urban development, Conference on current trends in ICT research and policy, organised by NWO and Kenniscentrum Grote Steden, The Hague, 9 March 2004

Keynote on culture and the urban economy, Haarlem, 27 April 2004

Keynote on cities in the knowledge economy, congress on Global Cities, InHolland Hogeschool, Amsterdam, 4 June 2004

Keynote on cities in the knowledge economy, international expert meeting organized by Dutch Ministry of the Interior and Kingdom Relations and the EU/ URBACT, Amsterdam, 21 September 2004

Keynote on urban growth clusters, conference "A European Agenda for Metropolitan Areas", organized by Regio Randstad in co-operation with the European Economic and Social Committee, Amsterdam, 10 December 2004

Keynote on urban broadband initiatives, at a conference of Telecities, organised by the City of Liverpool, Liverpool, October 2003

Keynote on ICT and social exclusion at a conference of Telecities, organised by the City of Antwerp, Antwerp, October 2001

Keynote on ICT cluster development, at a conference of Telecities/European Union, organised by City of Dublin, Dublin, March 2003

Keynote on broadband policies at a conference organised by Cisco Systems in Barcelona. Audience: City officials, politicians, people from the telecom industry, Barcelona, November 2001

Keynote on E-government, at a conference organised by Cisco Systems, Berlin. Audience: City officials, politicians, people from the telecom industry, Berlin, November 2002