

RESUME (JUNE 2017)

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Date and place of birth: 8.10.1970 Birmingham, United Kingdom

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Place of residence: Atsmaut 48, Petach Tikva, Israel

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Education

- 2011-2012 **Hebrew University, Jerusalem, Israel – executive MA in Public Policy**
2009 **Gishot Centre & Ministry of Interior – 'Managers as Leaders' course**
2001-2002 **Heschel Centre for Environmental Studies- Tel Aviv, Israel, Environmental fellowship**
1992-1997 **Technion Institute of Technology, Haifa, Israel- B.Arch. in Architecture & Urban design**

PROFESSIONAL EXPERIENCE

- 2017- **UNHABITAT-lead smart city consultant.** Leading the creating of methodology and initiatives for smart cities in the emerging world. Currently working on a national smart city masterplan for Rwanda and the UNHABITAT concept paper in smart sustainable and inclusive cities.
- 2016- **CityTechLab- Chief Urban Advisor- a Haifa based urban accelerator and urban lab.** Leading and coordinating all professional mentoring programs and urban innovation processes
- 2016- **Co-Organiser of the Israeli Green Building and Smart City Week**
- 2014- **Innovation Mentor** at Ecomotion- smart transportation accelerator & Reut Institute- smart communities' hackathon
- 2014- **GLOBES, Israeli Daily Financial News- Real Estate & Urban Innovation Columnist,**
- 2013- **SUiTS, Smarter Urban IT & Strategies – Founder & CEO,** the firm promotes tailor-made solutions and strategies for improving cities and their leader's potential to cope with the challenges of the 21st century, while improving the quality of life and the services presented to their citizens. Working with cities & entrepreneurs in Israel and Eastern Africa
currently our client base includes: Tel Aviv; Hadera; Ashkelon, Eilat region, Haifa, Bar Ilan Uni., Interdisciplinary Center (IDC), The Federation of Local Authorities in Israel, lake Victoria region Local Authorities Organization (kenya, Uganda & Tanzania)
- 2009-2012 **The Ministry of Interior, Israel- Senior Director for Building,** responsible for coordination of all aspects of major governmental reforms in building & planning, including leading a new building & planning law, creating a nation-wide e-planning platform, promoting a new system of permitting, building control and professional development for local authorities. Also responsible for RIA development, Smart Regulation and Codification, Renewable Energy,

- Green-Building & Planning for adaptation and mitigation of climate change,
- 2000-2009 ***Urban-Giraffe- studio for architecture, research & sustainability*** – **director and owner** development of a wide range of sustainable projects including urban planning in urban and rural areas design of housing, hotels, offices & commercial projects, historical conservation. the firm also acted as senior consultants for local and national government on issues of strategic planning, sustainability & local partnerships related to Local Agenda 21 and 'place making'.
- 1998-2008 ***NGO 'Petach-Tikva Is Me'*** - director of local NGO dealing with Genius Loci and local engagement for sustainability
- 1997 -2000 Ram Kanaf Architects (since 1999 acting as a head of planning teams)
- 1994 -1996: ***Architecture of Israel*** (architectural magazine) - **reporter & editor**

RESEARCH INTERESTS

Sustainability, Architecture, Urban Planning & Design, Public Policy, Smart Cities, Governance, Urban Rehabilitation, smart regulation, public participation, urban technologies, smart innovation for the global south

TEACHING EXPERIENCE

Smart Cities (Technion) (MA)- first academic course in israel related to smart cities and Urban Data (2016-)

Smart cities for municipal civil servants - 72 hr mid-level training & 24hr senior crash course (initiated by the Local Government Union (2015-)

Green Building (Haifa Uni) (MA+ PHD) – (summer course , Environmental Management (2015-)

Urban Planning (Technion) (graduate –MA)- primary studio for master students in urban planning. (2014-) (MA Urban Planning for civil servant cadets)

Urban Design (Technion) (under-graduate –BArch)- main studio for 3rd year students of architecture and landscape architecture. (2008-9)

Sustainability and Green Architecture (Tel Aviv University), (Graduate+ PHD) - course open to BArch students of the school of architecture and Graduate (+PHD) students at the porter school of environmental studies (2007-2008)

Green Interior design studio (HIT) (under-graduate –BA)- vertical studio on interior solutions for urban rehab. (2006-2008)

DesignBuild Studio (HIT) (under-graduate –BA)- special studio- design+production of solutions, redesigning a community center for special needs, including construction works and interior design. (2006-2007)

Conservation (HIT) (under-graduate –BA)- requisite course on conservation of buildings and sites (2nd year students) (2006-2008)

LANGUAGE SKILLS:

Hebrew: fluent (mother tongue) **English:** fluent (mother tongue)

French: basic (speech, writing and reading)

PUBLIC PROFESSIONAL ACTIVITIES

- 2016- Prime Advisor for Milgam Group for creating the first private Building Control body in Israel & urban innovation
- 2015- Management & Process Consultant for local authorities in Israel regarding building and licensing processes
- 2013- Advisor to the Israeli Planning Administration in fields of smart regulations, underground infrastructure surveying, & alternative energy regulations
- 2010- 2012 Member of the Israeli government's Doing Business Committee
- 2009- 2012 Joint chair of the National Committee for Adaptation and Mitigation of Climate Change in the Built Environment
- 2009- 2012 Chair of the National Forum for Green Building and Sustainable Planning
- 2010- Israeli delegate to the European council for Building control CEBC
- 2010- Lecture and advisor at The Weitz Center for Development Studies. a world leader in capacity building for sustainable development, dedicated to fostering the efforts of international organizations, governments, communities, civil society and private sector organizations to achieve economic and social improvements worldwide
- 2005-2009 Co-Founder of the Institute for Research of the Coastal Region
- 2001-2006 Co-Founder of the Forum of Young Architects & chair of the Committee for Sustainability – both at the Israeli architectural association.
- 2001-2006 Member of the board of the Israeli architectural association
- 2003- 2009 Member of the planning committee of the National Council for Conservation of Sites
- 2005- 2007 Member of the advisory committee for the Ministry of Housing for green communities and neighborhoods
- 2006-2008 Member of the Advisory Committee for Cultural Landscapes – Unesco Israel
- 2007-2009 Member of the board and founding member of the National Council for Green Buildings (ILGBC)

MEMBERSHIP IN PROFESSIONAL SOCIETIES

Israeli Architectural Association, - Licensed Architect
 Israeli Urban planning Association,
 ILGBC (Israeli Green Building Council) – Founding Member
 RICS (Royal Institute of Chartered Surveyors UK)- FRICS

FELLOWSHIPS, AWARDS AND HONORS

- 2015 FRICS (Fellow of The Royal Institute of Chartered Surveyors)- Awarded (the first in Israel) Eminent Membership for major contribution to the global field
- 2014 The Israeli Council for Historical Sites- Special Certificate of Merit
- 2001 The Heschel Centre for Sustainability - Tel Aviv. Environmental fellowship
- 2006 Shfeya quarry rehabilitation- open competition 1st prize
- 2003 The Lottery Urban furniture competition - finalist & 4th Prize
- 1999 - Henry Ford European Conservation Award, Finalist & Honorable Mention

PUBLICATIONS

Research reports or Case reports

- Sustainability & urban planning for local governments (for the m. of the interior)
- Guidelines for Urban Underground Infrastructure (for the m. of the interior)
- Smarter Regulations & Building Codes (for the m. of the interior)
- Sustainable planning in master planning in Israel (for the m. of the environment)
- Sustainable planning in Jerusalem & Tel Aviv Master plans
- Israel and climate change in the built environment (for Rio+10)
- Rural settlements and climate change (for the m. of agriculture)
- Cultural Landscape in Israel (co-writer for UNESCO Israel)
- Comparative Study between Curitiba vs Israel urbanity (for the Heschel Centre)
- Guidelines for Wind Turbines in Israel (for the m. of the interior)
- Guidelines for licensing of PV's in Israel (for the m. of the interior)

CONFERENCES

Selected Plenary, keynote or invited talks (since 1/11/2013)

- **Smart Cities for Africa** – Invited lecture at the Transform Africa summit, Kigali, Rwanda, 10/5/2017
- **Urban Innovation & ConstructionTech**- invited lecture at the global Built Environment Forum, Shanghai 28/3/2017
- **Smart City and the Lighting Industry**- Key Note at the annual electrical engineering Council (EEC) event, Tel Aviv 22/3/2017
- **Smart cities and urban innovation for Africa** – invited workshop for LVRLACC cities, in Narok, Kenya 16/2/2017
- **Smart campuses & universities**- opening lecture at Bar Ilan University smart city conference, 29/1/2017
- **Autonomous cars and urban policies** – opening lecture & panel host at the Jerusalem Municipality & Bezalel University event 11/1/2017
- **Smart Energy for Tel Aviv**- lecture at the Tel Aviv municipality & ministry of infrastructure joint forum 5/1/2017
- **Policy, Value & the financial roadmap for urban Microgrids & Localized Smart** - invited lecture at the Eilat-Eilat renewable and clean energy conference, Eilat 29/11/2016
- **Value and business cases for smart cities and urban IOT**,-invited lecture & panelist at Israel's Bank Hapoalim startup week, Tel Aviv 16/11/2016
- **Smart Cities for Israel**, invited speaker at the Israeli parliament's science committee, 7/11/2016
- **The future of smart cities for Israel, Smart Communities & Hacking the City**- key notes & panelist during the ILGBC green building & smart city week 18-22/9/2016
- **Smart Cities & Sustainable Innovation Zones**- Invited workshop for the Municipality of Qingdao, China, In Nazareth, Israel 21-22/6/2016
- **Smart urban energy policies**- invited lecture for the Israeli Association of smart energy, Tel Aviv 19/5/2016
- **New Urban Strategies & smarter cities**- Invited lecture for the Haifa regional planning Board, Haifa 22/2/2016
- **Innovation for the Bedouin Society**- invited roundtable delegate, Beer-Sheva 14/1/2016

- **Smart Municipal Grids for Tel Aviv** – invited workshop for the TLV Municipality and community leaders, TLV 11/1/2016
- **Smart City processes and urban strategies**- Lecturer at the RealEstate Summit, Eilat, 2/12/2015
- **Regulatory and ethical barriers to implementation of new Technologies in Cities**- Panelist at the Accra Conference on Urban Planning, 18/11/2015
- **Simulations & Urban Modeling**- lecturer at the conference on urban and military simulations, Herzelia 10/11/2015
- **Urban Wisdom**- keynote Speaker at the Annual Municipal CTO conference, Tel Aviv 2/11/2015
- **Urban Health and Big Data**- keynote speaker at the Annual Healthy-City Forum Conference, Jerusalem 20/10/2015
- **Smart Innovation for the Smart City**- Invited talk and moderator of a roundtable for the Berlin-Tel Aviv Business Forum 11/10/2015
- **Social Urban Innovation** – Chair and Moderator of the EU International Round Table at the TLV DLD 10/9/2015
- **Smart cities and the startup nation**- invited lecture at the HAC (Herzelia Accelerator) 6/9/2015
- **Potential of Civic Smartness for Africa**- Invited Workshop for Mayors from Kenya, Tanzania & Uganda , Entebbe 18-20/6/2015
- **Smart City Market in Israel**- Invited Speaker in front of Local Authority delegation from France, Tel Aviv 14/4/2015
- **Smart Community Empowerment** – Key Note speaker in a conference WomanPower for Local Authorities, Eilat 19/3/2015
- **The future of Urban Technologies** Roundtable- Key Speaker- GLOBES Financial Magazine Real Estate Conference , Tel Aviv 23/2/2015
- **The potential of a Smart Parliament**- Invited talk in front of the Israeli Parliament's Staff 19/2/2015
- **Smart cities- Trend or Necessity** – Invited Talk- Ecomotion accelerator. Tel Aviv 20/1/2015
- **From Technology to Strategy- smart cities for urban resilience**- Plenary Lecture at the Eilat Eilat Green Energy Conference. Eilat 9/12/2014
- **Innovation in Industrial Parks**- invited Talk at the Ministry of economy, Jerusalem 24/11/2014
- **Smart Urban Management**- Invited talk at Jerusalem Municipality, Jerusalem 16/11/2014
- **Potential of Smart GeoMapping**_ Invited talk in front of senior staff of the Technion Institute of Technology 27/10/2014
- **Civic smartness for dynamic cities**- invited talk in front of a senior municipal delegation from Vietnam – Shfayim 3/8/14
- **The potential of smart and sustainable solutions for urban rehabilitation**- invited talk for developing world urban professionals- The Weitz Center for Development Studies, Rehovot (Hebrew Uni.) 23/7/14
- **Smart Urban Policies Promoting Urban Sustainability**- Plenary Lecture at The Haifa University Conference on Sustainable Management of the Built Environment, Haifa 23/7/14
- **Smart Urbanism**- Invited talk in front of Jerusalem Planning Committee, 2/7/14

- **Smart City Challenges**, - Invited talk for delegates of the IsraelTechChallenge project (joint project of the PM's Office & The Jewish Agency for Israel), Tel Aviv 19.6.14
- **Smart & Solar City** - invited talk in front of high school Students & municipal workers, Eilat 11/3/14
- **Beyond Smart Cities**- open workshop & un-conference- keynote, Barcelona Smart City Conference & Exhibition, Barcelona 19-21/11/13
- **Governance and Municipal Partnerships**, invited talk at the Kohelet Policy Forum, Jerusalem, 14/11/13