

## **RESUME (Nov 2019)**

**Full name:** Rafi Rich (Mr.) (Reish in Hebrew)

**Date and place of birth:** 8.10.1970 Birmingham, United Kingdom

**Marital status:** married + 3

**Place of residence:** Atsmaut 48, Petach Tikva, Israel

**Nationality:** Israeli & British (spouse is an American Citizen)

**Telephone:** 972-(0)50-6217000

**E-mail address:** [rafi@thesuits.net](mailto:rafi@thesuits.net)

**Website:** [www.thesuits.net](http://www.thesuits.net) [linkedin.com/in/rafirich/](https://www.linkedin.com/in/rafirich/)

### **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**

- 2013- **SUITS, Smarter Urban IT & Strategies – Founder & CEO,**  
consulting cities governments & private sector companies regarding smart  
cities, sustainability, digital transformation, data strategies, strategic  
planning, urban innovation and civictch.  
Among our clients in Israel, Europe and Eastern Africa:  
Tel Aviv; Jerusalem, Holon, Ofakim, Hadera; Ashkelon, Eilat region,  
Haifa, Pafos (Cyprus) Herzlia Interdisciplinary Center (IDC), The  
Federation of Local Authorities in Israel, lake Victoria region Local  
Authorities Organization (Kenya, Uganda & Tanzania)
- 2018 **IDC Smart & Sustainable Rating system- Professional director** – development  
of the first Israeli-led smart city rating tools and guidelines formulated at the IDC  
Academic Center, including leading the rating process of 27 cities
- 2017-2018 **UNHABITAT-Lead Smart City Consultant.** Leading the creating of  
methodology and initiatives for smart cities in the emerging world.  
the main responsibility was leading the national smart city masterplan for  
Rwanda and the UNHABITAT concept paper in smart sustainable and  
inclusive cities.
- 2016-2018 **CityTechLab- Chief Urban Advisor- a Haifa based urban accelerator  
and urban lab.** Leading and coordinating all professional mentoring  
programs and urban innovation processes
- 2014-2018 **GLOBES, Israeli Daily Financial News- Real Estate & Urban Innovation  
Columnist,**
- 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 **Rami Kanaf Architects** (since 1999 acting as a head of planning teams)
- 1994 -1996: **Architecture of Israel** (architectural magazine) - reporter & editor
- 1992-1994: **Tarmil- young tourism Comp.**- co founder and COO of a revolutionary adventure tourism company for young Israeli modern orthodox jews as a semi-backpacking experience with tours to southern Europe, Asia and Africa

## Skills

**Sustainability, Architecture, Urban Planning & Design, Smart & Data-Based Masterplanning, Public Policy, Smart Cities, Governance, Smart Mobility, Shared Economy, Smart Regulations, Public Engagement, UrbanTech, Digital Transformation, Cleantech (energy & water), Startup Mentoring, Urban Biz-dev, Innovation strategies, Strategies for Midsize & Secondary Cities**

## TEACHING EXPERIENCE

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

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

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

**Smart Cities (IDC)** (Graduate) – academic course in israel related to smart cities and Urban Innovation (2018-19)

**Green Building (Haifa Uni)** (MA+ PHD) – (summer course , Environmental Management (2015-2017)

**Urban Design (Technion)** (under-graduate –BArch)- main studio for 3<sup>rd</sup> 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 (2<sup>nd</sup> year students) (2006-2008)

**LANGUAGE SKILLS:****Hebrew:** fluent (mother tongue)    **English:** fluent (mother tongue)**French:** basic (speech, writing and reading)**SMART CITY & URBAN INNOVATION ACTIVITIES:** (date of commencement)

- 2019 - Ofakim: smart urban masterplan including autonomous PVS mobility
  - Pafos, Cyprus : Urban Innovation Roadmap & Assistance in developing the Pafos Innovation Institute
  - Equal City Initiative- Chief Urban Strategies Advisor (piloting 4 cities in the Israeli Periphery)
  - Holon : Smart City Roadmap & masterplan
  - Israel 2100- lead innovation expert for the national strategic initiative
  - Maoz "Makom" (local) Initiative - urban advisor at Israel's leading fellowship program leading activities in Israel & Boston
  - Corneltech UrbanTech Hub – Advisor in creating the UrbanTech programme and activities
- 2018 - Paphos, Cyprus: Shared Economy Strategy & Innovation Training and lean urban project workshop for senior municipal taskforce
  - Eastern Jerusalem: Innovation Advisor for the economic development plan
  - Israeli Smart & Sustainable City rating tool: IDC, Herzliya
  - Konza City, Kenya: Innovation Partner
  - Migori County, Kenya: Smart Water & Energy Strategy (1 million people)
- 2017 - UNHABITAT: Smart City Consultant- Organizational concept paper
  - Rwanda Smart City Masterplan + Initiative Concept Documents
  - Eilat City: Roded Neighborhood smart community regulatory plan
  - Or Yehuda, Ashkelon & Jerusalem: Digital Transformation mentor
- 2016 - Haifa Innovation Hub: Chief Urban Advisor
  - Tel Aviv Municipality: Urban Data Strategy (for CKO)
  - Hadera City: Sea Quarter Smart Infrastructure Masterplan
  - Tel Aviv Municipality- Maoz Aviv Smart & Sustainable Rehabilitation plan
  - Petach Tikva City- Concept for Mobile Social Hub for Poor neighborhoods
  - GIS-Based management tool- Characterization & Business Plan
- 2015 - Hadera, Ashkelon & Lud: Smart Resilience Concept (for 100RC)
  - Lake Victoria Region – Prime Innovation Partner (120 towns & Cities)
  - Hadera City: E-service Process for Planning Division
- 2014 - Tel Aviv Municipality- Municipal Energy Action Plan
  - Barriers for MicroGrids in Israel- Whitepaper
- 2010-2012 - Israeli Government: national Guidelines for Renewable Energy in Cities
  - Israeli National Smart City Concept Paper & Governmental Bill (draft)
  - National E-permitting System- management & Characterization of system

**PUBLIC POLICY 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, & 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 economic & social improvements worldwide within international organizations, governments, communities & civil society
- 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- Member
- 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**

- Sustainability. Experience. Co-Innovation- Pafos as a Regional Innovation Hub (for Muni of Pafos)
- Urban and Regulatory Policy for EV Charging (for fuel choice initiative)
- Urban Microgrid whitepaper (for the Israeli 'Forum 15' municipal organization)
- IDC Smart & Sustainable Rating System – Municipal PlayBook
- 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 & PV in Israel (for the m. of the interior)

### **CONFERENCES- Selected Plenary, keynote or invited talks (2015-2019)**

- **Future Proofing Cities** – Keynote at the *Sustainable city and International Green City Model workshop*, Qingdao, China 19/11/2019
- **Smart Cities & Future Transportation-** invited talk at the *DLD innovation Festival* Tel Aviv 18/9/2019
- **Innovation in Commerce & Industry-** keynote at the *Municipal Corporation Association Forum*, Herzelia 10/9/2019
- **Blockchain, Data and Community Management-** keynote at the *UN Smart & Sustainable city conference*, Addis Abeba, 4/9/2019
- **Urban Innovation & Real-Estate-** a workshop for the leadership of Karasso corp. 19/5/2019
- **Innovation and disruption in real-estate-** Key note at the *Jerusalem Urban Rehabilitation Forum*, 7/4/2019
- **The Role of Architects & Municipal Planning Departments in Promoting Smart & Sustainable Cities**, Keynote at the *City Engineers & Planners National Conference*, Eilat , 1/4/2019
- **Cities of Data- Urban Data & Knowledge strategies** - Invited Workshop for Kfar Saba Municipality , 28/3/2019
- **Co-Living and Innovation in Real-estate** – invited Podcast & lecture series (commenced 4/2/2019)
- **The Role of Youth in our Urban Future-** KeyNote at the *National event of Youth centers*, Tel Aviv, 26/12/2018
- **Shared & Smart Urban Landscape-** the future of open spaces and the smart city- KeyNote at the *Annual Israeli Landscape Architects Union Conference* - Tel Aviv, 18/10/2018
- **Smart Cities 101-** Invited Talk- Paz Group Business Leadership Forum, Yakum, 2/7/2018
- **Smart cities: a dream come true or a nightmare in the making-** Invited Talk- Amdocs Innovation Launchpad event – Raanana, 30/5/2018
- **The Future of Cities is Smart, Inclusive & Shared-** Key note – *International congress of urban environment & health*, Cappadocia, Turkey, 17/4/2018
- **Urban Innovation & Smart Infrastructure-** Invited Lecture- Senior Delegation of CISCO China & Local Authorities– Tel Aviv, 11/4/2018
- **Future of Urban Energy-** Lecture- *Accra Urban Forum*, Accra 11/12/2017
- **Smart City as a Service-** Key Note- *Ukraine Mayors Summit*, Kiev, Ukraine 29/11/2017

- **Israel's Smart Cities**- Invited talk - *Jinmau Delegation China* 20/11/2017
- **Smart City Masterplans**- Invited talk- *IADB delegation TLV* 15/10/2017
- **Smart & Shared Cities**- Key Note *Personal Democracy Forum*- Kiev 25/9/2017
- **Smart Cities for Africa** –*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 *LVRACC cities*, in Narok, Kenya 16/2/2017
- **Smart campuses & universities**- *bar ilan 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
- **Policy, Value & the financial roadmap for urban Microgrids & Localized Smart** - *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**- the Israeli parliament's science committee, 7/11/2016
- **The future of smart cities for Israel, Smart Communities & Hacking the City**- key notes *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
- **Innovation for the Bedouin Society**- roundtable delegate , Beer-Sheba 14/1/2016
- **Regulatory and ethical barriers to implementation of new Technologies in Cities**- Panelist at the *Accra Conference on Urban Planning*, 18/11/2015
- **Urban Health and Big Data**- keynote speaker *Healthy City Forum*, Jerusalem 20/10/2015
- **Social Urban Innovation** – Chair and Moderator of the *EU International Round Table* at the TLV DLD 10/9/2015
- **Potential of Civic Smartness for Africa**- Invited Workshop for Mayors from Kenya, Tanzania & Uganda , Entebbe 18-20/6/2015
- **The future of Urban Technologies** - Key Speaker- *GLOBES Financial Magazine Real Estate Conference* , Tel Aviv 23/2/2015