



Farhad Tavakkol Hamedani
Head of Policymaking and Monitoring
Smart Tehran Center

Personal Profile:

Born in 1981, married in 2009 with 1(one) daughter. An DBA graduate from the University of Tehran with over 15 years' experience in consultancy services, research and knowledge management, teaching, regulation and business development, in particular within the Telecom and Vertical sectors. Farhad has been providing effective results and several contributions in private and public entities on fixed and mobile broadband, media, Internet of Things (IoT) and smart cities markets and industries. In 2006, he initiated 3G & 4G research and studies within Mobile Telecommunication Company of Iran (MCI) and has been responsible for developing the first WiMAX pilot in the Middle East. In 2009, he moved to Teyf Sharif Consultants Ltd. (TSC) as Chief Project Manager, consulting the Communications Regulatory Authority (CRA) in many policy making, regulation and licensing issues. In 2015, Farhad helped to build the first IoT think tank (forum) in the region in partnership with TSC, known as IiF. In 2016, he started VAPPS Virtual Organization, as an independent business, providing more than 10 professional content packages in IoT, Industrial IoT, 5G, Network Sharing, Low Power Wide Area Network (LPWAN), Network Functions Virtualization (NFV), Cyber Security, Artificial Intelligence (AI), Big Data Regulation, Spectrum, Smart Cities, etc. In 2018, Farhad joined Tehran Municipality's Information & Communications Technology Organization (TMICTO) to build the Smart Tehran Center, known as STC, as the main vertical regulator in the Tehran smart city ecosystem based on the fifth generation ICT regulation. Farhad is currently the head of Policymaking and Monitoring in the Smart Tehran Program (STP).

Key strength:

Farhad can help your organisation to become a game changer, launch disruptive services, create new revenue streams, develop digital business units, build partnership and transform into virtual structure with build an agile team of multi discipline to deliver better result for all customers and stakeholders. His highly energetic and positive thinking approach can help organisations to excel. Accustom with working in challenging environment with high Volatility, Uncertainty, Complexity and Ambiguity (VUCA). His key specialties are Greedy and Heuristic Problem Solving, Smart Transformation, Collaborative Regulation, Lean Leadership and Strategy.

Successes & Projects:

- Finalizing and implementing the Smart Tehran Program (STP1.0), 2018-2021
- Selection of "Interactive Bike App" as the winner of Special Mention at 4th WeGo Award, 2020
- Selection of STP as one of the finalists for City Award category at World Smart City Awards, 2019
- +20 National and International Events focused on Telecom, IoT and Smart Cities, 2009-now
- Analysis of the Internet of Things (IoT) Ecosystem in ME and other countries, 2015-2016
- Consulting for Significant Market Power (SMP) Regulation, CRA, 2015-2016
- ICT Business Development Planning for Sixth National Development Plan, CRA, 2015
- Management of the Editorial Board in Teyf-e-Barq Magazine, Teyf Think Tank, 2011-2015
- Local Enterprise ICT Market, Investigation Report, Huawei, 2014-2015
- Strategic document and operational plan of the Regulatory Organization, CRA, 2014-2015
- Study and feasibility of the 4th MNO entry in the Mobile Broadband Market, CRA, 2014-2015
- Fixed Broadband Regulation, Restructuring Licenses and Market Analysis, CRA, 2013-2015
- Open Access Regulation & Benefit Cost Analysis for FTTH Operator licensing, 2010-2011
- KPIs for assessing of License holders, Communications Regulatory Authority (CRA), 2011
- Future Telecom Studies, Center for Innovation & Technology Cooperation of the Presidency, 2011
- IPTV & Mobile TV Structure, Teyf Telecom Think Tank, 2009-2011
- Supervision of the Research and Development Projects in MCI, 2006-2008

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WORK EXPERIENCE:

Head of Policymaking and Monitoring

April 2018 – Present



Smart Tehran Center (STC) Powered by TMICTO

In April 2018, Farhad joined TMICTO as the full-time executive manager for finalizing and implementing the Smart Tehran Program (STP). He led the special team for establishing the Smart Tehran Center (STC) as the main vertical regulator in the Tehran smart city ecosystem based on the fifth generation ICT regulation (Collaborative Regulation).

CEO Consultant

January 2018 – March 2018



Tehran Municipality ICT Organization (TMICTO)

Starting as the consultant to the CEO, Farhad provided executive solutions and suggestions for transforming TMICTO to be an effective game changer for the realization of smartness in Tehran municipality and city.

Founder & Editor

January 2016 – Present



VAPPS Virtual Organization

Started VAPPS after transforming his cooperation with TSC as the partner. Invested his independent business as an NGO for providing professional and free content in the digital ecosystem, such as IoT, 5G, Network Sharing, Network Functions Virtualization (NFV), Cyber Security, Artificial Intelligence (AI), Big Data Regulation, Spectrum, Smart Cities, etc. Organized the first course named "Vertical Business management based on Internet of Things".

Deputy Director

November 2015 – October 2017



Iran IoT Forum (IiF) Powered by Teyf Sharif Consultants Ltd

Partnership and responsible for developing new business unit in TSC, named IiF, the first think tank (forum) in the field of the "Internet of Things" in the region. Farhad managed all executive actions for bridging between supply and demand side. He had many contributions for preparing the IoT Master Plan in horizon 2025, IoT Book 2017 and IiF recommendations focused on IoT regulatory, platforms, PPP models and Verticals (Electricity, Gas, Water, Smart cities, Insurance, Fintech, etc.).

Chief Project Manager

September 2009 – September 2016



Teyf Sharif Consultants Ltd. (TSC)

Worked for TSC in various policy, regulatory and business projects in Telecom, IT & Media markets in the ME region, such as IPTV, Mobile TV, OTT, FTTH Operator, Fixed Broadband Regulation & Restructuring Netco & Servco Licenses, Mobile Virtual Network Operators (MVNOs), National Sixth Development Plan, Significant Market Power (SMP) Regulation, and operational planning of the Communications Regulatory Authority (CRA).

ICT Consultant

March 2009 – December 2009



Mahan Business School (MBS)

Starting as the consultant to the Chairman, Farhad proposed a novel virtual organization model for MBS. Farhad helped to provide content marketing for MBA courses focused on Bluetooth and other digital media.

Research Consultant

March 2006 – March 2009



Mobile Telecommunication Company (MCI)

Worked for MCI in the Developing Research & Strategic Planning Office with various roles such as supervising R&D projects (via the Project Management Office) and feasibility studying on 3G & 4G services, technologies and solutions. Farhad helped to implement the first WiMAX Backhaul pilot project in Rasht in 2008.

Lecturer

October 2005 – February 2008



Islamic Azad University

After MSc graduation, Farhad had a teaching experience in electrical engineering courses such as Electrical Circuit, Communication, Electronic II, Measurement Laboratory, Communication Circuits Laboratory, etc.

EDUCATION & QUALIFICATIONS:

2021

Rayzan Samaneh Gostar, ITIL 4 Foundation

2019

International Telecommunication Union (ITU), Face-to-Face training focused on "Capacity Building and Skill Development for Digital Transformation in Digital Economy"

2015 – 2017

University of Tehran, Faculty of Management, Doctor of Business Administration (DBA)

Graduate courses taken: Organizational Behavior, Leadership, Advanced Human Capitals, Investment Management and Stock Exchange, Advanced Accounting, Creativity & Innovation, Business Law, Advanced Project Management, Futures Studies, Risk Management, Business Collaboration Models And International Investments, Business Models, Strategic Planning, Advanced Marketing and Consumer Behavior Analysis.

2012

SEMATEC IT Professional Training Center, Project Management Body of Knowledge (PMBOK)

2003 – 2005

Islamic Azad University, Master of Science (MSc), Electrical Engineering, Communications

First class graduate, MSc. Thesis: Simulation & Comparison of Synchronization Methods in DS-CDMA systems.

1999 – 2003

Islamic Azad University, Bachelor of Science (BSc), Electrical Engineering, Electronics BSc. Thesis: Design & Simulation of Bluetooth Transceiver.