Fariz Mammadov + (994 18) 648 12 39 (home)

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fariz.mammadov@aztu.edu.az farizmammadov81@gmail.com

Gender: Male

Date of birth: 04 February 1981

PROFESSIONAL EXPERIENCE RECORD

Date: from (month / year) to (month/year)

Location:
Company:
Position:

06/2020 – present
Azerbaijan
Azerbaijan Technical University
06/2020 – 10/2022 – Advisor to Rector for Research
Issues
10/2022 – present – Vice Rector for International Affairs

and MBA Program Director

Responsible for the following issues:

- Leading the University's international affairs and communications
- Identification of potential education and research collaboration opportunities with other universities
- Assisting with the involvement of the University in international research and mobility projects, as well in regional and global academic collaboration initiatives
- Assisting with the University's membership in regional and local university associations
- Assisting with the development of mid and longterm internationalization strategy for the University
- Leading the University's activities related to double diploma and joint degree programs
- Supervising all academic, research and marketing activities of MBA Program

Date: from (month / year) to (month/year)

Location: Company: Position: Description:

Description:

11/2015 - 06/2020

Azerbaijan

Institute for Scientific Research on Economic Reforms

Lead Research Fellow

Conducting economic researches related to energy sector including but not limited to: energy demand and supply analysis, efficient utilization of energy resources, advocating energy management standards and systems,

as well demand and supply modelling issues

Date: from (month / year) to (month/year)

Location: Company:

Position: Description:

09/2009 - 09/2015

Azerbaijan

Azerenerji OJSC (public electric utility company in

Azerbaijan)

Deputy Head of Investment and Strategy Department

Analysis and appraisal of investment projects; Corporate concept and strategy development;

Development of feasibility studies; Development of project cost estimates; Project-specific financial analysis;

Cost benefit analysis;

Energy efficiency issues associated with Azerenerji's

distribution grids; Project management; Project design and planning;

Electricity and natural gas utilities restructuring;

Legal, technical and commercial aspects of cross-border electricity trading with neighboring countries.

Date: from (month / year) to (month / year)

Location: Company: Position:

09/2003 - 08/2009

Azerbaijan

Azerbaijan Energy Engineering and Consulting LLC Head of Consulting Services Department and Quality

Manager

Managing consulting services; dealing with media Description:

relations; involvement in consultancy services rendered by the company; application and supervision of ISO 9001:2000 and OHSAS 18001:2007 standards in the

company; data collection and analysis

Date: from (month / year) to (month / year)

Location: Company: 06/2007 - 07/2009 Azerbaijan

Department for Economic Research of Oil & Gas Problems, Geology Institute of Azerbaijan, Azerbaijan

National Academy of Sciences Scientific Fellow (part-time)

Position: Description:

Assistance in conducting researches relating to the

Department

PROJECT EXPERIENCE RECORD

Country	Date: from (month / year) to (month / year)
Azerbaijan	January-May 2023 National Climate Change Specialist (Country Researcher) (SC 119186 AZE: Country Assistance Program Review-National TA-9716 REG: Supporting Ambitious Climate Action through Implementation of Developing Member Countries' Nationally Determined Contributions (Subproject 1) (52004-002) (Asian Development Bank) • Coordinate with relevant staff and consultants in ADB resident mission, Azerbaijan government representatives, development partners, and other stakeholders on CCDRM data and information to inform the development of the report. • Conduct research and data collection and provide technical and analytical inputs to assist in the drafting of the report. • Support ADB staff and international consultant on mission to consult and validate results and findings of the assessment. • Conduct background research and analysis needed in relation to the issues, challenges and opportunities to be addressed in the report. • Facilitate consultation meetings and workshops with government and other development partners to gather inputs and present and discuss results, findings and recommendations as needed. • Assist in the preparation of the report, power point presentations, briefing notes, and other documents when required. • Liaise closely with project management of the TA Subproject 1 and relevant ADB staff as well as other consultants engaged under the TA. • Perform other related tasks assigned by the designated officer.
Azerbaijan	October 2022 – March 2023 National Consultant (SC 119186 AZE: Country Assistance Program Review) (Asian Development Bank) • Conduct a desk review of relevant background materials including but not limited to the CPS, IPSAs, project documents (RRPs, PCRs, TCRs, BTORs) and country development strategies for relevant sectors. • Collect all necessary data to confirm achievements under CPS results framework. • Review and assess the achievements under country knowledge plan of CPS 2019-2023. • Participate in portfolio review and prepare detailed graphs, charts, figures, and tables. • Synthesize relevant information that can be used to access and rate ADB's strategy and program in Azerbaijan against the evaluation criteria set out in most recent ADB's guidelines for CAPR preparation. • Participate in discussions with project team leaders on any problems with project implementation, how ADB has responded, changes in sector policy or conditions

that affected the project, government's commitment to the project and availability of financing and other resources, and risks facing the project. Contribute to the identification of key lessons and forward-looking recommendations for consideration by ADB in its next CPS for Azerbaljan. Develop a table of existing government strategy and programs in compliance with ADB's operational priorities. Provide inputs to the final review report and incorporate feedback received from ADB. Perform other related tasks that may be assigned to the consultant in the context of the CPS final review. Azerbaljan March 2022 – January 2023 Energy Expert (Azerbaljan: Assessment of Pathways for Power Sector Decarbonization) (World Sank) Task 1: Stocktaking of the status of the energy sector in Azerbaljan – Data and information collection and elaboration as required for the preparation of the corresponding part of the final deliverable as per the ToR Task 2: Characterization of possible solutions for the evolution of the energy and technology mix and development of potential pathways to reach net zero emissions of the power sector – Contribution to the task execution via provision of information as needed Task 3: Development of potential pathways to reach net zero emissions of the power sector – Contribution to the task execution via provision of information for the formulation of seemancs. Azerbaljan Esperember-December 2021 Lead Expert on Energy Sector (Developing guidelines on mainstreaming climate change and gender concept into the energy policy) (UNDP) Overview of alerional energy policy) in Azerbaljan in the context of contribution to climate change mitigation including efficiency in residential, industrial and other sectors. Preview of neinfordalogical transveroks and approaches in mainstreaming climate change into energy policy Proposed potential tools for mainstreaming climate change into energy policy Proposed potential tools for mainstreaming climate change into energy policy Pranning objectives, time hor		
Energy Expert (Azerbaijan: Assessment of Pathways for Power Sector Decarbonization) (World Bank) Task 1: Stocktaking of the status of the energy sector in Azerbaijan — Data and information collection and elaboration as required for the preparation of the corresponding part of the final deliverable as per the ToR Task 2: Characterization of possible solutions for the evolution of the energy and technology mix and development of potential pathways to reach net zero emissions of the power sector — Contribution to the task execution via provision of information as needed Task 3: Development of potential pathways to reach net zero emissions of the power sector — Contribution to the task execution via provision of information as needed Task 3: Development of potential pathways to reach net zero emissions of the power sector — Contribution to the task execution via provision of information for the formulation of scenarios. Azerbaijan		 financing and other resources, and risks facing the project. Contribute to the identification of key lessons and forward-looking recommendations for consideration by ADB in its next CPS for Azerbaijan. Develop a table of existing government strategy and programs in compliance with ADB's operational priorities. Provide inputs to the final review report and incorporate feedback received from ADB. Perform other related tasks that may be assigned to the consultant in the context of
Lead Expert on Energy Sector (Developing guidelines on mainstreaming climate change and gender concept into the energy policy) (UNDP) Overview of national energy policy in Azerbaijan Theoretical overview on climate change issues Analytical write-up on the link between climate change and energy policy globally and in Azerbaijan Energy efficiency issues in Azerbaijan in the context of contribution to climate change mitigation including efficiency in residential, industrial and other sectors; Review of methodological frameworks and approaches in mainstreaming climate change into energy policy applied by various organizations and countries Review of Selected countries with good practices in mainstreaming climate change into energy policy Proposed potential tools for mainstreaming climate change issues into Azerbaijan's energy policy Proposed potential tools for mainstreaming climate change issues into Azerbaijan's energy policy Proposed potential tools for mainstreaming climate change issues into Azerbaijan's energy policy Planning objectives, time horizon of the analyses, Strategic Development Plan Development for 2022-2026) (Decon International/Consulectra) Planning objectives, time horizon of the analyses, Strategic Plan, Medium-term and Long-term perspective Assessment of present situation / National and external context Electricity demand-supply balances Development of planning objectives Planning instruments (SWOT, demand forecast, financial model, ESIA screening, etc.) Development of strategy to reach strategic objectives / Demand scenarios / Regional coverage Regional demand-supply balances/distribution losses / metering strategy, including energy efficiency measures to optimize loads and the supply performance of grids; Electricity requirements – demand forecast Loss reduction strategy and forecast/rehabilitation requirements Economic assessment Required revenues / Tariff analysis Socio-economic impacts of electricity supply strategy.	Azerbaijan	 Energy Expert (Azerbaijan: Assessment of Pathways for Power Sector Decarbonization) (World Bank) Task 1: Stocktaking of the status of the energy sector in Azerbaijan – Data and information collection and elaboration as required for the preparation of the corresponding part of the final deliverable as per the ToR Task 2: Characterization of possible solutions for the evolution of the energy and technology mix and development of potential pathways to reach net zero emissions of the power sector – Contribution to the task execution via provision of information as needed Task 3: Development of potential pathways to reach net zero emissions of the power sector – Contribution to the task execution via provision of information for the
Economist and Social Impact Assessment Expert (Azerishiq Strategic Development Plan Development for 2022-2026) (Decon International/Consulectra) • Planning objectives, time horizon of the analyses, Strategic Plan, Medium-term and Long-term perspective • Assessment of present situation / National and external context • Electricity demand-supply balances • Development of planning objectives • Planning instruments (SWOT, demand forecast, financial model, ESIA screening, etc.) • Development of strategy to reach strategic objectives / Demand scenarios / Regional coverage • Regional demand-supply balances/distribution losses / metering strategy, including energy efficiency measures to optimize loads and the supply performance of grids; • Electricity requirements – demand forecast • Loss reduction strategy and forecast/rehabilitation requirements • Economic assessment • Required revenues / Tariff analysis • Socio-economic impacts of electricity supply strategy.	Azerbaijan	 Lead Expert on Energy Sector (Developing guidelines on mainstreaming climate change and gender concept into the energy policy) (UNDP) Overview of national energy policy in Azerbaijan Theoretical overview on climate change issues Analytical write-up on the link between climate change and energy policy globally and in Azerbaijan Energy efficiency issues in Azerbaijan in the context of contribution to climate change mitigation including efficiency in residential, industrial and other sectors; Review of methodological frameworks and approaches in mainstreaming climate change into energy policy applied by various organizations and countries Review of Selected countries with good practices in mainstreaming climate change into energy policy Proposed potential tools for mainstreaming climate change issues into Azerbaijan's
	Azerbaijan	Economist and Social Impact Assessment Expert (Azerishiq Strategic Development Plan Development for 2022-2026) (Decon International/Consulectra) • Planning objectives, time horizon of the analyses, Strategic Plan, Medium-term and Long-term perspective • Assessment of present situation / National and external context • Electricity demand-supply balances • Development of planning objectives • Planning instruments (SWOT, demand forecast, financial model, ESIA screening, etc.) • Development of strategy to reach strategic objectives / Demand scenarios / Regional coverage • Regional demand-supply balances/distribution losses / metering strategy, including energy efficiency measures to optimize loads and the supply performance of grids; • Electricity requirements – demand forecast • Loss reduction strategy and forecast/rehabilitation requirements • Economic assessment • Required revenues / Tariff analysis
	Azerbaijan	

	 the Government of Azerbaijan to Develop Energy Sector: Development of the Long-Term Energy Strategy up to 2050") Collection, review and assessment review of the available studies and data; Drafting of the report on analyses and ranking of all possible strategic directions/options and framework conditions; Organization and participation in the roundtable meetings to discuss the methodology for the identification, analysis and ranking of the strategic options with the project beneficiaries; Identification of strategic goals and specific targets for the development of the energy sector (overall and for each sub-sector) and priorities, including KPIs on electricity, gas, energy efficiency, and climate change to measure them, based on the local experience and taking into consideration the specific local conditions; Preparation of collected data as per the requirements of the modelling tool that was used.
Azerbaijan	 10 June – 10 September 2019 Energy Expert (Comprehensive diagnostics and recommendations for JSC Azeristiliktechizat (Azerbaijan Heat Supply Company) (client – the Ministry of Energy of Azerbaijan Republic) Review of legal and regulatory frameworks in the field of district heat supply in Azerbaijan; Financial diagnostics and analysis of Azeristiliktechizat with relevant financial ratios; Review of Azeristiliktechizat's past and future investments, including relevant financial cost-benefit analysis, as well energy consumption and energy efficiency issues at the company's heat supply systems; Collection of relevant data required for financial analysis; Contribution in the preparation of interim and final project reports.
Azerbaijan	 O1 July 2017 – 31 March 2020 Project Analyst (Staff Consultant at Asian Development Bank Azerbaijan Resident Mission), AZE: Power Distribution Enhancement Investment Program, Tranche 1 (Asian Development Bank)) Provide assistance in the overall administration and implementation of the assigned energy sector loan and Technical Assistance (TA) projects; Assist Project Officer in the procurement, including review of bidding documents and bid evaluation report, and preparing memorandum for approval; Assist Project Officer in the engagement of consultants, including review of Request for Proposals (RFPs) of consulting services packages, and various submission checklists for approval; Administer TA implementation activities, including reviewing and processing of recruitment of consultants, contract variations for TA consulting contracts; Coordinate and compile Azerbaijan Resident Mission and Pakistan Resident Mission data/information on project administration activities covering disbursements, contract awards, portfolio management, and related documents; Maintains and updates records in electronic operations as required to monitor compliance with Loan and TA covenants; Coordinate and follow up with EAs and IAs on required submissions and documents. Participates in review missions, if required; Support reporting officer in meeting with Azerbaijan government by coordinating meetings; Assist the Team Leader in reviewing social and environmental safeguard reports on the project; Coordinate meetings of ADB and consultants with relevant government departments; Assists in handling the day-to-day routine functions in support of reporting officer's tasks and responsibilities; Assists in the development and maintenance of assigned projects' documentation and databases.
Azerbaijan	December 2016 – July 2017 National Social Safeguard Expert for the Project Management Consultant, AZE: Power Distribution Enhancement Investment Program, Tranche 1 (Asian Development Bank) • Assist the international social expert to develop a detailed work plan and Implementation schedule;

	 Assist Azerishiq with monitoring safeguards to ensure the social safeguards and Resettlement and Compensation Plan are properly implemented; Assist Azerishiq with capacity building on environmental and social safeguard.
Azerbaijan	 June 2016 – January 2017 Local Project Coordinator (Diagnosis of the Prime Cost of Electricity Generation, Fuel Consumption for Generation, Technical Losses and Energy Efficiency of Power Plants and other Energy Generating Plants in the System of Azerenerji JSC (Ministry of Finance of Azerbaijan Republic) Comparative analysis of price of exported electricity and cost of fuel spent for production of exported electricity with counterparts from other countries, considering them in market prices for those in respective years; Evaluation of execution of legal, normative-technical documents' and state programs' requirements; Fuel consumption efficiency at Azerenerji's thermal power plants, as well as inhouse energy efficiency issues at all plants; Analysis of perspectives of creating electron format of energy balance of power sector Support during site visits, events organization and report preparation.
Azerbaijan	October – December 2015 Consultant (IDPs Living Standards and Livelihood Projects, and Additional Financing to IDPs Living Standards and Livelihood Project, Preliminary Assessment Of Livelihoods Opportunities of IDPs In Azerbaijan Republic (State Fund for IDPs Development and World Bank) • Desk study and research, including a review of existing data and documentation on the activities and outcomes from current IDP and non-IDP livelihood support projects in Azerbaijan; • Gathering and analysis of economic data at the level of local communities where IDPs live; • Mapping of businesses and business opportunities in and near IDP settlements; • Value chain analysis of sectors where IDPs have proven to be successful. • Individual interviews with private sector employers, representatives of credit and grant-making institutions, NGO representatives, local authorities, relevant government ministries and departments, UN agencies, and donors; • Focus groups with sub-groups of IDPs, including male and female IDPs, young IDPs, IDPs living in urban areas, IDPs living in New Settlements, and other groups, as agreed with the client; • Surveys of IDP business-owners, businesses employing IDPs, and non-IDP business owners in communities near IDP settlements; • Surveys of IDP job seekers and potential entrepreneurs; • Analysis of data and report writing; • Peer review feedback of the draft report via e- mail and face-to-face interaction with major stakeholders.
Azerbaijan	 April 2010 – August 2015 Led various project teams at Azerenerji for the following projects: Preparation of Power Distribution Investment Program for Qabala and Ismayilli districts submitted to Asian Development Bank for financing consideration – the task covered the preparation of relevant cost-benefit analysis, technical, social and environmental aspects of future project; Preparatory legal, technical and commercial works for the power export to Turkey via Georgia, and establishment of Azerenerji's subsidiary in Turkey; Preparatory Survey on Yashma Gas Combined Cycle Power Plant Project together with Japanese company TEPSCO; Update of the Power Sector Master Plan of Azerbaijan for 2013-2025 together with German company Fichtner; Azerenerji-2020 Development Concept; Study for Electric Power Sector in Azerbaijan together with Japanese company TEPSCO; Small HPP Pre-Feasibility Studies Preparation; Azerenerji Power Distribution Development Project Concept Paper; Azerenerji Power Distribution Project Investment Program;

	 Azerenerji Transmission System Investment Requirements; Power Sector Summaries for Various CIS, Eastern European and Asian Countries.
Azerbaijan	July – September 2009 Local Coordinator and Social Development and Resettlement Specialist (Power Distribution Development Investment Program (Asian Development Bank) • Liaison with project stakeholders; • Management of local project staff; • Energy policy related analysis; • Social safeguard analysis; • Data collection & analysis.
Azerbaijan	April 2008 Consultant (Small-Scale Technical Assistance for the Preparation of Power Transmission Project (Asian Development Bank) • Data collection & analysis; • Contribution to the policy issues on electricity and renewable energy; • Contribution to the assessment related to power transmission capabilities
Azerbaijan	January – December 2007 Consultant and Coordinator (Study of Garadagh Gas Processing Plant (BP Gas Marketing Limited) • Data collection & analysis • Communication with counterparts
Azerbaijan	March – May 2006 Consultant (Preparation of Energy Sector Road Map (Asian Development Bank)) • Data collection & analysis; • Assessment of social issues; • Contribution to the policy issues on electricity, natural gas, district heating, energy efficiency and renewable energy; • Contribution to the assessment of energy supply in rural areas and the development of relevant proposals
Azerbaijan	 2005 – 2008 Consultant and Coordinator (Quarterly Power and Gas Newsletters for BP (BP Exploration (Azerbaijan) Ltd)) Data collection & analysis; Preparation of relevant quarterly reports for submission; Analysis of the state of countrywide energy supply including efficiency issues in power and gas sectors; Assessment of the countrywide demand-supply issues
Azerbaijan	 November 2003 – July 2006 Public Outreach Program Coordinator and Translator/Interpreter (USAID Azerbaijan Energy Assistance Project) Liaison with energy-sector print and broadcast journalists, scheduling and organization of press briefings, conferences and interviews for mass media representatives on project-related themes; Collection and maintenance of clippings of print media articles dedicated to project activities; Translation of various project-related documents; Participation in the household energy consumption survey organized by World Bank and PA Government Services, Inc. in the regions under the Project; Contribution to the assessment of social issues and household budget survey, and the analysis of household consumption for the Demonstration Project
Azerbaijan	2005 Consultant (Near-Term and Long-Term Forecast for Natural Gas and Electric Energy Consumption in Azerbaijan (BP Exploration (Azerbaijan) Ltd)) • Data Collection and analysis

Azerbaijan	2003
	Consultant (Social and Environmental Impact of Electricity Reform in Europe and Central
	Asia. Development of data necessary for updated analysis of Republic-wide energy sector
	quasi-fiscal deficit (World Bank))
	Data collection and analysis

EDUCATION

Institute for Scientific Research on Economic Reforms (2016-2020)

PhD education (Specialty: Econometrics and economic statistics) – PhD dissertation thesis defended in June 2021

Awarded with the degree of PhD in Economics in accordance with the decision of the Supreme Attestation Commission under the auspices of the President of the Republic of Azerbaijan dated 03 February 2022 (specialty: 5302.01 – Econometrics; economic statistics); PhD thesis – The evaluation of the of impact of electricity generation and consumption to the country's economy: Azerbaijani case

Joint Executive MBA program of ADA University (Azerbaijan) and Maastricht School of Management (Netherlands) (09/2013-09/2015)

Master of Business Administration in International Business

Baku State University (09/2003-07/2005)

MA in Political Sciences

Baku State University (09/1999-07/2003)

Bachelor in Political Sciences

OTHER ACTIVITIES

Computable General Equilibrium Modeling jointly organized by the CAREC Institute of ADB and Narxoz University, Almaty, Kazakhstan, 12-15 December 2016

Second Regional Training Course on Impact Analysis for Economic Policy jointly organized by the Economic Cooperation Organization (ECO), Islamic Development Bank, Ministry of Finance of Kyrgyz Republic, Training Center of Kyrgyz Republic and Institute for Scientific Research on Economic Reforms of Azerbaijan and ECO Research Center, Bishkek, Kyrgyz Republic, 22-26 February 2016

Loan Disbursement Seminar organized by the Asian Development Bank (ADB) and the Ministry of Finance of the Republic of Azerbaijan, Baku, Azerbaijan, 21-22 February 2011

Training Course on Cost-Benefit Analysis of Public Investment Projects organized by US Agency for International Development (USAID), Baku, Azerbaijan, 21-25 June 2010

Training Course on "Energy Markets Convergence" organized by INOGATE-SEMISE Program of European Union, Baku, Azerbaijan, 28 June-1 July, 2010

Training Course on "Sukuk: Shariah Rules and Operational Features" organized by Islamic Research and Training Center of Islamic Development Bank and Azerbaijan State University of Economics, Baku, Azerbaijan, 17-21 May, 2010

Participant of the "Old Energy/New Energy" Foreign Visitors Leadership Program funded by the US Department of State Bureau of Educational and Cultural Affairs — Washington DC-Florida-Texas-lowa-Pennsylvania-New York, USA, April 2010

Regulatory and Tariff Workshop organized by US Agency for International Development (USAID), National Association of Regulatory Utility Commissioners (NARUC) and Energy Regulators Regional Association (ERRA) – Baku, Azerbaijan, July 2008

Training Course on "Practical Implementation of Quality Management System according to requirements of ISO 9001:2000" organized by Zygon Caspian Consulting – Baku, Azerbaijan, March 2008

Training in Tariff Development and Utility Regulation organized by US Agency for International Development (USAID) and National Association of Regulatory Utility Commissioners (NARUC) – Baku, Azerbaijan, May 2007

COMPUTER SKILLS

MS Office package, Eviews, R Studio

CERTIFICATES

ISO 50001 Energy Management System Lead Implementer Certificate by Professional Evaluation and Certification Board (Certificate number: EnMLI1037901-2020-07)

Certified Project Management Associate – certified by the International Project Management Association (Certificate number: AZ.20.D.00207)

Certified Trainer by Professional Evaluation and Certification Board (Certificate number: CT03007-09-2020)

LANGUAGES

Azerbaijani (native), English (excellent), Russian (good), Turkish (good).