Sabz Pooyesh Ravesh Kimia

Knowledge-based in the field of advanced water and air technologies

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Company Introduction and Background

Sabz Pooyesh Ravesh Kimia, a knowledge-based company (Registration No. 513658), officially began its operations by leveraging over a decade of its founders' experience in the field of environmental engineering. The company is committed to sustainable development and provides specialized and practical solutions across various environmental sectors.

With a problem-oriented and technology-driven approach, Sabz Pooyesh Ravesh Kimia offers a comprehensive range of services, including environmental auditing and monitoring, Environmental Impact Assessment (EIA), Life Cycle Assessment (LCA), environmental labeling systems, waste management, and water, wastewater, and air treatment. The company also specializes in designing and implementing strategies to enhance environmental performance across industries.

Backed by a talented team comprising academic elites, university faculty members, senior consultants, and technical experts in environmental and civil engineering, Sabz Pooyesh Ravesh Kimia has successfully executed numerous projects across a broad spectrum of sectors, including small and large industries, mining, steel complexes, petrochemicals, pharmaceuticals, food production, and manufacturing. This extensive experience has established the company as a trusted and specialized reference in the field of environmental engineering in Iran. It is recognized for its capability in designing, executing, and supervising large-scale projects with a scientific, operational, and results-driven mindset.

As one of the pioneers in environmental engineering in the Iran, the company offers a broad suite of specialized services, including environmental auditing, implementation of international standards, custom-designed solutions to improve industrial environmental performance, and the issuance of green certifications. By integrating local knowledge with international experience, Sabz Pooyesh Ravesh Kimia plays an effective role in localizing global environmental standards and facilitating the acquisition of recognized certificates and eco-labels, such as Environmental Product Declarations (EPD), for Iranian products and processes.

With strong scientific, technical, and operational experience, the company is widely regarded as a reliable provider of practical and results-oriented environmental solutions. It has earned the trust of numerous clients through successful project in areas such as green building development, sustainable industrial infrastructure design, and specialized consulting on renewable energy and sustainable architecture. Its capabilities in designing, producing, and implementing environmental projects, combined with the use of cutting-edge technologies, make Sabz Pooyesh Ravesh Kimia a dependable partner in strategic and foundational initiatives.

Guided by a focus on sustainable development and green technologies, and supported by scientific and innovative methodologies, the company has defined its mission as reducing pollution, optimizing resource use, and enhancing both public and industrial environmental awareness across Iran. Through the design and implementation of Environmental Management Systems (EMS) and advanced water, air, and wastewater treatment solutions, Sabz Pooyesh Ravesh Kimia delivers practical, cost-effective, and localized responses to the nation's environmental challenges.

With a national and responsible outlook toward the future of Iran's environment, and by relying on customer trust, technical expertise, and a commitment to innovation and quality, the company consistently prioritizes client satisfaction. Sabz Pooyesh Ravesh Kimia aims to play an impactful role in improving environmental conditions, increasing industrial resilience, and realizing the vision of green development in Iran by delivering intelligent, sustainable, and needs-based solutions.

Vision

The vision of Sabz Pooyesh Ravesh Kimia is to create a green, sustainable, and peaceful environment for the people of Iran, one that is built upon the global principles of sustainable development and serves as a model of balance between progress and the preservation of natural resources for present and future generations.

Missions

✓ Design and Implementation of Green Buildings: Planning and constructing green buildings using modern technologies and international standards to reduce energy consumption and enhance environmental performance.

✓ Environmental Standards Consulting: Providing consultation to various industries for implementing Environmental Management Systems and facilitating the acquisition of credible international green certifications and eco-labels.

✓ Design and Execution of Water, Air, and Wastewater Treatment Systems: Delivering efficient and sustainable solutions for the treatment of water resources, industrial air emissions, and wastewater to minimize pollution and protect natural resources.

✓ Environmental Impact Assessment: Conducting EIAs for industrial and infrastructure projects to identify and reduce negative impacts on the environment and natural ecosystems.

✓ Energy Optimization Projects: Developing and implementing innovative, technology-based solutions to reduce energy consumption and improve energy efficiency across different industrial processes.

✓ Industrial Waste Management Projects: Designing and executing industrial waste management systems aimed at minimizing waste generation and optimizing recycling and disposal practices.

✓ Environmental Education and Awareness: Organizing training programs and specialized workshops to promote environmental protection, resource management, and improved environmental performance for industries and organizations.

Strategic Goals

The key strategic goals of Sabz Pooyesh Ravesh Kimia include:

✓Expanding green building projects nationwide

✓Supporting the implementation of environmental standards across various industries

✓Leading the design and application of innovative solutions for resource treatment and management

✓Establishing the necessary infrastructure for sustainable development in Iran, aligned with global best practices

✓Raising public and industrial awareness about environmental protection

✓Building strong connections with international brands and companies

Sabz Pooyesh Ravesh Kimia

Path of Progress and Innovation at Sabz Pooyesh Ravesh Kimia

At the heart of Sabz Pooyesh Ravesh Kimia lies a young and dynamic team whose professional journey began in the field of civil engineering. Over time, they adopted an interdisciplinary approach, gradually entering the realms of environmental engineering and construction management. From their student years to the present day, each core member of the team has continuously sought to acquire knowledge and hands-on experience across a variety of modern and emerging fields. This passion for learning and scientific exploration has led the team not only to participate in operational and research projects actively but also to contribute to the global frontier of knowledge by publishing their academic papers in leading international journals (ISI-indexed).

Many of the achievements, innovations, and products featured in the following pages are the result of years of dedicated effort, learning, and teamwork by this creative group, a team that, from university halls to the professional sphere, has consistently pursued practical and innovative solutions for sustainable development in Iran. Beyond authoring and publishing scientific articles, the members of this company have repeatedly served as trusted peer reviewers for international ISI journals, playing a key role in evaluating cutting-edge global research.

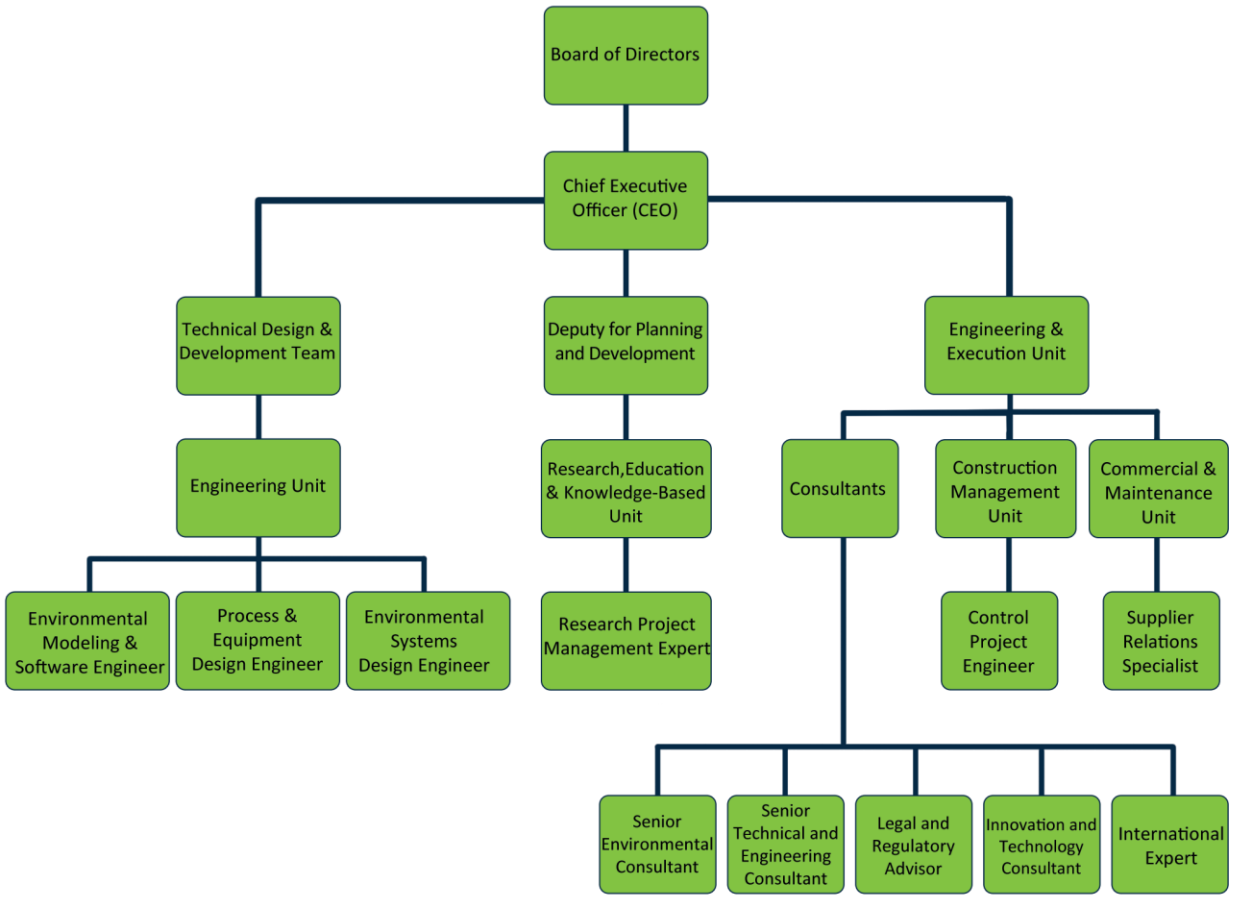
The team's identity and intellectual foundation have been shaped by their participation in specialized training programs, paper presentations at national and international conferences, collaborations with renowned professors, involvement in interdisciplinary research projects, and the development of innovative products. We firmly believe that what we now present as a knowledge-based company is the result of years of passion, perseverance, and continuous collaboration among all team members. This human capital guarantees the growth and vitality of our organization and continues to support us in our mission to realize the vision of sustainable development in Iran.

Sabz Pooyesh Ravesh Kimia

General Policy

The general policy of Sabz Pooyesh Ravesh Kimia is founded on the principles of sustainable development, innovation, and adherence to international standards. As a pioneer in the field of environmental engineering, the company is committed to delivering optimal solutions aimed at enhancing the environmental performance of industries and reducing their negative impacts.

By leveraging the latest technologies and scientific approaches, Sabz Pooyesh Ravesh Kimia consistently strives for excellence in service delivery. With a specialized and dedicated team, the company places strong emphasis on improving service quality, ensuring customer satisfaction, and complying with environmental laws and standards. Moreover, through the expansion of effective international collaborations and the integration of global knowledge and experience, the company actively contributes to the realization of sustainable development goals. It plays a crucial role in improving the environmental conditions of the country.



Sabz Pooyesh Ravesh Kimia

Establishment at Amirkabir University of Technology, Science and Technology Park

Sabz Pooyesh Ravesh Kimia, as one of the selected innovative teams, is officially based at the Science and Technology Park of Amirkabir University of Technology. This park, recognized as one of the country's leading centers for innovation and technology, operates under the direct supervision of Amirkabir University of Technology and plays a key role in the development of the university's innovation ecosystem.

With its advanced support structure, specialized facilities, and extensive industry–academia network, the Amirkabir Science and Technology Park is considered one of Iran's scientific and technological hubs. The official presence of the company within this center reflects its strong professional standing, scientific credibility, and high operational capacity at both national and regional levels.

Professional Background and Executed Projects

Sabz Pooyesh Ravesh Kimia has an extensive track record in environmental engineering and sustainable development, having collaborated with a wide range of industrial, manufacturing, and knowledge-based companies through various specialized projects. A selection of these activities includes:

• Design and production of pollutant removal systems for air, water, wastewater, and soil in collaboration with Pishgaman Nano Farayand Engineering Company
• Senior Environmental Advisor to the CEO at Atmosphere Factory
• Senior Environmental Advisor to the CEO at Paksan Company
• Senior Environmental Advisor to the CEO at Zob Ahan Industrial Complex
• Senior Environmental Advisor to the CEO at Natanz Steel Complex
• Senior Environmental Advisor to the CEO at Gostaresh Novin Foolad Sepidan Company
• Senior Environmental Advisor to the CEO at Sepidan Iron Ore Company
• Senior Environmental Advisor to the CEO at Orand Pishro Company
• Senior Environmental Advisor to the CEO at Electrogen Factory
• Senior Environmental Advisor to the CEO at Kavir Damghan Steel Company
• Senior Environmental Advisor to the CEO at Sanat Bonab Steel Complex
• Provision of environmental and knowledge-based consulting services in collaboration with Tarbiat Modares University
• Design and development of environmental equipment with Kavian Technology Company
• Environmental Impact Assessment in cooperation with Mahan Architecture & Construction Company
• Technical environmental consulting for the knowledge-based company Almas Pakan Tak Vista
• Design and consulting of pressurized irrigation systems in collaboration with Abadgaran Pishgam Hamoon Company
• Collaboration on the national research project “Gas Storage in Salt Caverns” with Tarbiat Modares University
• Project management, scheduling, cost estimation, quantity surveying, and site supervision with Satrap Samansaz Engineering & Contracting Company
• Similar roles in projects, R&D, and international trade with the Anssar Hoveyzeh Holding Company (Commercial & Manufacturing)
• Supply of online environmental monitoring systems for qualitative and quantitative parameter measurement, in collaboration with the Sales Engineering Department of Badr Azin Bana Company

Executive Resume

Dr. Ghorbanali Dezvareh

Chairman of the Board

Dr. Ghorbanali Dezvareh, the founder and Chairman of the Board of Sabz Pooyesh Ravesh Kimia, holds a Ph.D. in Civil Engineering with a specialization in Environmental Engineering from K. N. Toosi University of Technology. He is a registered member of the Iranian National Elites Foundation and currently serves as the Deputy Director of the Environmental Research Institute at Tarbiat Modares University.

With over a decade of specialized experience in environmental engineering and sustainable development, Dr. Dezvareh is recognized as one of Iran's most influential individual in the management, consulting, and execution of environmental projects at both national and international levels. His areas of expertise include waste management, life cycle assessment , water and wastewater treatment, air pollution control, industrial pollution reduction, environmental modeling, and the development of green technologies.

Beyond his academic work, Dr. Dezvareh has extensive experience in executive roles. As Project Manager for major national initiatives and Senior Environmental Advisor, he has collaborated with numerous companies in sectors such as petrochemicals, steel, food production, detergents, and dairy industries, offering innovative and specialized solutions for pollutant control and improved environmental performance.

He is also a certified judicial expert in the field of environmental engineering and has worked closely with government agencies, private sector organizations, and innovative environmental startups. Among his most notable projects are the design of innovative water treatment systems, composting of municipal solid waste, monitoring of water quality resources, development of national wetland monitoring guidelines, and the creation of advanced systems for managing contaminated soils.

Dr. Dezvareh's academic and research achievements include the publication of over 30 articles in high-ranking ISI journals, more than 60 papers in national journals and international conferences, and the authorship of 10 scientific and educational books. He has also served as supervisor or advisor for over 40 graduate theses.

Currently, he is a faculty member and Director of the HSE Academy at Mehr Alborz University. He has taught at several of the country's top academic institutions, including Amirkabir University of Technology, Tarbiat Modares University, Iran University of Science and Technology, and K. N. Toosi University of Technology. With his unique combination of deep academic knowledge and extensive executive experience, Dr. Dezvareh plays a prominent role in advancing green technologies and raising national environmental standards in Iran.

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Ghorbanali-dezvareh

Sabz Pooyesh Ravesh Kimia

Executive Resume

Dr. Mohammadreza Hajbabaie

Chief Executive Officer

Dr. Mohammadreza Hajbabaie, CEO of Sabz Pooyesh Ravesh Kimia, holds a Ph.D. in Civil Engineering from Amirkabir University of Technology. As an official member of Iran's National Elites Foundation, he is recognized as a leading scientific and executive individual in the fields of environment, water resources, and sustainable development. Alongside his role as CEO, he brings years of academic and industrial experience across national and international projects. He also serves as a board member and senior advisor in the areas of environmental management, sustainable energy, and green technologies.

Dr. Hajbabaie is the Head of the Education Committee at the Iranian Society of Water Resources Science and Engineering, and has played an active role in various national programs and professional bodies. His contributions include serving as a member of the scientific committee and jury for the 1st National Conference on New Technologies in Energy Efficiency and Sustainable Urbanism (2023), involvement in executive planning for projects using saline and unconventional water in industry and potable supply (2023), and organizing the first specialized workshop in Iran on “Gamification in the Water Industry” (2022).

Scientifically, he is the author of two specialized books. One, titled life cycle assessment of Wastewater Treatment Using Solar Photocatalysis, was published by IWA Publishing, and the other, Principles and Theory of Life Cycle Assessment (in Persian), was published by Avaye Ghalam in 2021. He has published over 10 scientific papers in reputable ISI-indexed journals, covering topics such as life cycle assessment in the pharmaceutical industry, neural network modeling for estimating chlorophyll concentration in the Caspian Sea, and optimization of environmental processes.

Additionally, he has presented more than 20 conference papers at national and international events, maintaining a consistent presence in the transfer of knowledge and specialized training. His areas of expertise include life cycle assessment, wastewater management and treatment, satellite data analysis, design of innovative environmental monitoring systems, gamification in education, and the development of advanced systems for clean energy and environmental solutions.

Dr. Hajbabaie’s unique combination of deep scientific knowledge, broad executive experience, and involvement in major national projects has positioned him as a key contributor to advancing sustainable development across both industrial and academic sectors.

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Mohammadreza-hajbabaie

Sabz Pooyesh Ravesh Kimia

Executive Resume

Eng. Azita Mirzaie

International Relations Specialist

Azita Mirzaie is an industrial engineer with a background in industrial production which, after years of managerial experience in the manufacturing sector, redirected her professional path toward sustainable development and green engineering. She pursued her Master's degree in Sustainable Technology at KTH Royal Institute of Technology in Sweden, focusing primarily on the design and analysis of sustainable production systems, life cycle assessment of products, and the development of circular economy–based solutions.

Before entering the international academic environment, Engineer Mirzaie held executive management positions at two manufacturing plants in Iran, one in the glass and crystal industry, and another in sheet and carton production. These experiences granted her a practical and systems-oriented perspective on production processes and environmental optimization.

In her academic journey, she has completed specialized courses in circular economy for industry and agriculture at both KTH and Umeå University. To further strengthen her analytical skills, she has trained in R and Python programming to perform more precise environmental modeling.

One of her most prominent projects involved conducting a comparative life cycle assessment of bamboo-based sanitary pads versus conventional ones. This project, guided by Professor Miguel Brandão and carried out in collaboration with a Swedish company specializing in sustainable products, resulted in a peer-reviewed article titled “Towards Eco-Friendly Menstrual Products: A Comparative Life Cycle Assessment of Sanitary Pads Made from Bamboo Pulp vs. a Conventional One.”

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Sabz Pooyesh Ravesh Kimia

Executive Resume

Dr. Reza Maknoon

Honorary Member of the Board of Directors

Dr. Reza Maknoon, a distinguished faculty member at Amirkabir University of Technology, is one of Iran's leading scientific and executive individual. He holds a Ph.D. in Water Resources Management from the University of Washington, USA. He has played a prominent role in advancing environmental science and policy in the country for over three decades.

In addition to his academic work, Dr. Maknoon has held several influential executive positions. He has served as Deputy Minister for Reconstruction and Education, Senior Advisor in Water Affairs, Chairman of the Committee on Natural Resource Protection, Restoration, and Development, and a Member of the National Environmental Protection Council. His contributions also include positions such as Deputy Coordinator to the First Vice President of Iran and Secretary of the Board of Trustees of the Iranian Academy of Sciences.

Academically, Dr. Maknoon has made significant contributions as President of K. N. Toosi University of Technology and as Director of the National Elite Recruitment Office, helping to strengthen and elevate Iran's education and research systems. He has served on the editorial boards of prominent scientific journals and chaired several leading scientific conferences.

With deep expertise in water resources management and sustainable development, and specialized knowledge in environmental issues. Dr. Maknoon continues to work toward shaping and improving the country's scientific and executive policies in support of natural resource protection and environmental sustainability.

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Reza-maknoon

Sabz Pooyesh Ravesh Kimia

Executive Resume

Eng. Pouya Partonia

Operations Manager / Project Manager

Pouya Partonia, Head of the Construction Management Unit and operation manager at Sabz Pooyesh Ravesh Kimia, holds a Master's degree in Construction Management from K. N. Toosi University of Technology. His areas of specialization include civil project management, life cycle assessment, sustainable design, and the implementation of innovative environmental solutions in construction projects.

With an active research background, he has published several articles in ISI-indexed journals. He is also the author and translator of various scientific works in the field of sustainable development. Among his contributions are the specialized translation of the book Environmental Sustainability in Building Design and Construction and authorship of the book Principles and Fundamentals of Sustainability Audit which explores frameworks, indicators, and procedures for evaluating sustainability in engineering and industrial projects.

His research primarily focuses on carbon footprint reduction, the application of circular economy principles, and the design of construction systems with minimal environmental impact.Engineer Partonia has a strong record of delivering technical presentations in English at international conferences and collaborates as a peer reviewer with scientific journals such as the Journal of Environmental Management.

His strong command of English and ability to engage in cross-cultural interactions, combined with his skills in managing activities, overseeing processes, and generating innovative ideas, have made him a key contributor to advancing the company's goals in the green industry and sustainable projects.

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Pouya-partonia

Sabz Pooyesh Ravesh Kimia

Executive Resume

Reza Yaghoobi

Technical Technician / Site Supervisor

Mr. Reza Yaghoobi is one of the most valued and distinguished members of the executive team at Sabz Pooyesh Ravesh Kimia, whose specialized knowledge in electronics and strong command of technical skills have consistently played a key role in the successful execution of the company's projects. In addition to serving as a technician and site supervisor, his diverse capabilities, sharp attention to detail, and exemplary sense of responsibility have earned him the nickname "the Swiss Army knife" of the company.

His background includes completing specialized training in industrial welding, blacksmithing, piping, and industrial plumbing, which have proven instrumental in the company's infrastructure and implementation projects. His ability to integrate theoretical knowledge with hands-on technical skills has enabled him to deliver precise, professional, and reliable performance across all stages of design, installation, implementation, and technical supervision.

His strong work ethic, collaborative spirit, and meticulous attention to technical details have made his presence on any project a guarantee of both quality and efficiency. Mr. Yaghoobi has always been a foundational pillar of the company's field team and has played an irreplaceable role in the successful delivery of on-site operations.

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Executive Resume

Eng. Hamid Zarrabi

Head of Technical Affairs, Research & Development

Hamid Zarrabi, an environmental researcher and specialist, holds a Master's degree in Environmental Civil Engineering from K. N. Toosi University of Technology. He currently serves as the Head of Technical Affairs and R&D at Sabz Pooyesh Ravesh Kimia. His core expertise lies in analyzing and optimizing environmental impacts of products and processes through methodologies such as Life Cycle Assessment and Environmental Impact Assessment. His key areas of interest and activity also include sustainable development, circular economy, and waste management.

Throughout his academic and professional journey, he has been actively involved as a research and teaching assistant, as well as a thesis advisor in graduate-level projects, particularly those centered around life cycle assessment . His scientific achievements include co-authoring the book "Intelligent Algorithmic Computing for Water & Environmental Optimization Problems", published by Springer, as well as publishing over 10 ISI-indexed articles and 9 conference papers.

His research spans a wide range of industries, including pharmaceuticals, agriculture, construction materials, road pavements, detergents, textiles, and hygiene products, using life cycle assessment to drive sustainability. He has also conducted applied studies in municipal solid waste management and optimization.

Hamid Zarrabi has completed numerous specialized courses and workshops on life cycle assessment, sustainable development, non-conventional water resource management, and applications of artificial intelligence in environmental engineering. He is fully proficient in industry-standard software tools such as SimaPro, OpenLCA, ArcMap, and Ecochain Mobius.

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hamid-zarrabi

Collaborations and Effective Partnerships with Leading Organizations

Delivering innovative environmental solutions for sustainable development through collaboration with top industrial companies in Iran

As a pioneer in environmental solutions and sustainable development within the construction industry, Sabz Pooyesh Ravesh Kimia actively participates in civil and building projects with a strong focus on reducing environmental impacts and enhancing resource efficiency. In line with these goals, the company has established joint collaborations with Atrina Engineering Group, one of its specialized partners, to design and implement construction and infrastructure projects.

Atrina Engineering Group, with over a decade of experience, has been dedicated to elevating technical expertise and strengthening teamwork capabilities in the field of Building Management Systems. Since 2012, the group has drawn upon the knowledge-based foundation and valuable experience of its leadership, experts, and senior consultants, many of whom are recognized veterans and thought leaders in Iran's construction and building systems industries.

A selection of reference standards used in joint projects, aligned with the goals of sustainable development, include:

Collaborations and Effective Partnerships with Leading Organizations

Delivering innovative environmental solutions for sustainable development through collaboration with top industrial companies in Iran

Sepanta Polymer Sharif began its operations based on the fifteen years of experience of its founding members and five years of focused research and industrial activity in the development of membrane technologies and polymer-based systems at Sharif University of Technology. Currently, it operates as an established knowledge-based company, actively advancing these technologies. Among its recent industrial achievements are the design and construction of a fully localized industrial production line for reverse osmosis membranes, greywater recovery systems, leachate treatment systems, industrial production of hollow fiber membranes for hemodialysis and water purification, and the design, construction, and installation of wastewater treatment systems (for both domestic and industrial use) using Membrane Bioreactor (MBR) technology.

A selection of reference standards used in joint projects, aligned with the goals of sustainable development, include:

Collaborations and Effective Partnerships with Leading Organizations

Delivering innovative environmental solutions for sustainable development through collaboration with top industrial companies in Iran

Sabz Pooyesh Ravesh Kimia has recently entered into a strategic collaboration with Arc Engineering Group, one of the leading companies in Iran's construction industry. This partnership opens new horizons for the sector, founded on the integration of advanced technologies, process digitalization, and innovative approaches in the design and execution of projects.

This synergy will not only contribute to the development of green and smart buildings but also strengthen the path toward sustainable urban architecture in Iran. The collaboration between Sabz Pooyesh Ravesh Kimia and Arc Engineering Group presents a new model for the future of the country's construction industry, one that combines sustainability, innovation, efficiency, and global standards.

Environmental Achievements and Activities of the Company

Knowledge-Based Product by Sabz Pooyesh Ravesh Kimia
Introduction to the Air Purification Device Based on Advanced Oxidation Performance

This innovative device developed by Sabz Pooyesh Ravesh Kimia uses advanced oxidation processes by simulating the phenomenon of lightning. It converts oxygen molecules in the air into free oxygen atoms and simultaneously charges particles and ions to generate a large amount of negative ions. These ions and oxidizing elements, due to their inherent instability and high reactivity, rapidly interact with chemical pollutants, aromatic compounds, unstable substances, and volatile gases to neutralize and eliminate them.The result of this process is the removal of odors, discoloration, and volatile organic compounds (VOCs), along with the destruction of microorganisms including bacteria, fungi, and viruses.

This air purification system, classified as semi-industrial, is composed of several specialized units, each responsible for removing a specific type of pollutant. These pollutants include particulate matter of various sizes, chemical gases, and biological agents. The system can be designed and customized according to environmental conditions and the nature of the pollution. The ability to upgrade and adapt its physical, chemical, and biological units makes this product a unique solution for air purification in the country.

Figure 1: Image of the product

Environmental Achievements and Activities of the Company

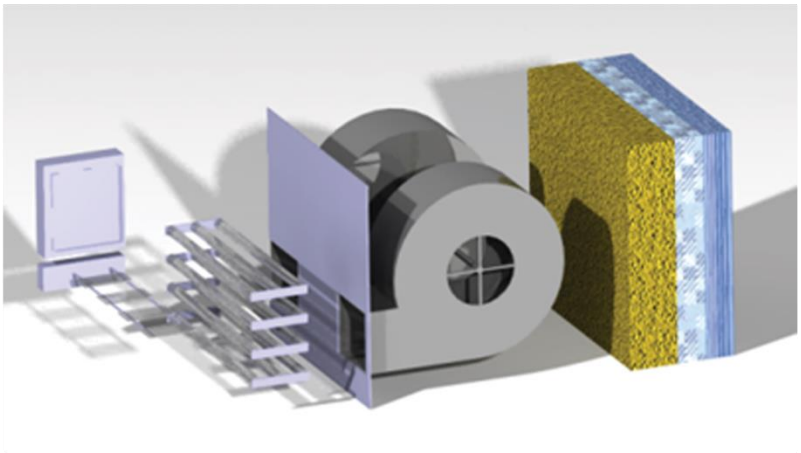


Figure 2: Block Diagram and Components of the Product

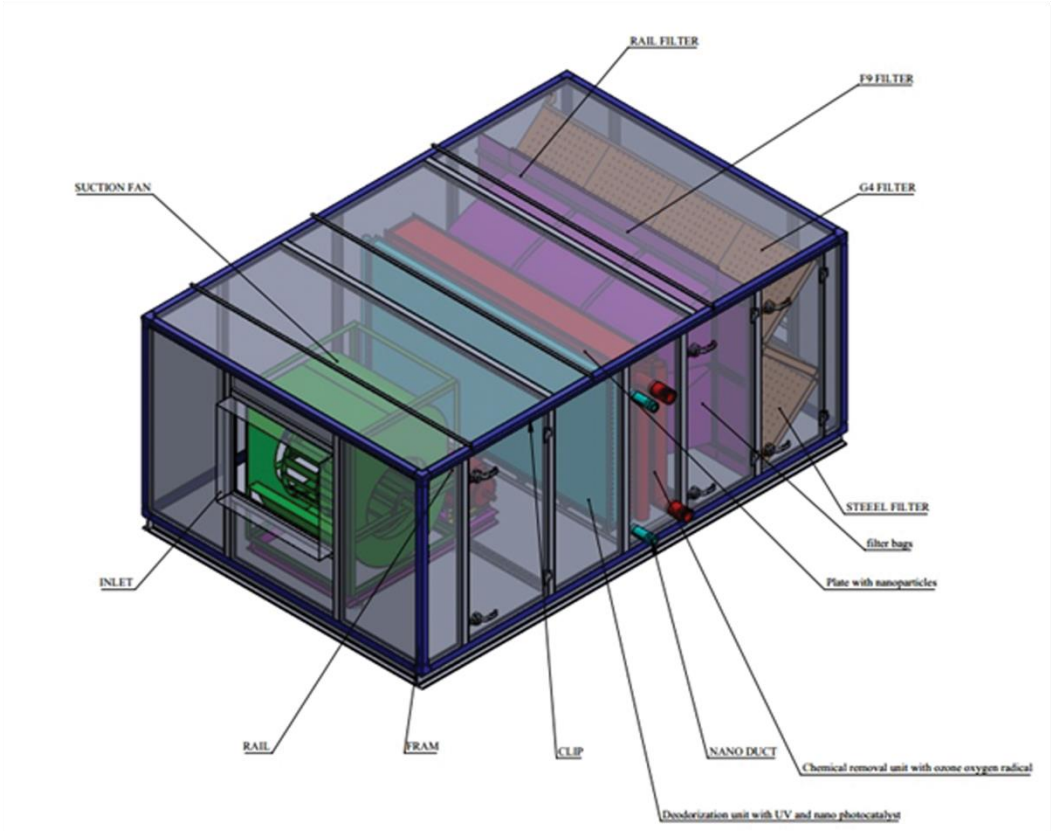


Figure 3: Conceptual Design Map and Technical Details
of the Air Purification Device

Sabz Pooyesh Ravesh Kimia

Executive and Operational Background

Over the past years, alongside our academic, research, and educational activities, our team has played an active and effective role in the implementation of practical projects in the fields of environment, sustainable development, and resource management. Our approach in these projects has consistently combined specialized knowledge, expert analysis, and field execution to deliver practical, innovative, and localized solutions. This section showcases only a selection of the projects carried out in collaboration with various organizations, industries, and institutions. The images included in this catalog reflect a portion of our team's fieldwork and operational efforts related to sustainable development and resource management.

Construction and Installation of Bag Filter for Saba Battery

Executive and Operational Background

Air Washer System Installation at Saba Battery

Design, Construction, and Installation of Grease Trap for Tida Company

Executive and Operational Background

Construction and Installation of a 400-gram Ozone Generator for Tehran Heart Hospital

Design, Construction, and Commissioning of a 500-gram Ozone Generator for Kish Chips (MazMaz)

Executive and Operational Background

Air Purification System for the Treasury Department of Post Bank, Qazvin

Wastewater Treatment Plant Project for GilvanZeytoun Oil Extraction Facility

Executive and Operational Background

Wastewater Treatment Package
for Avrand Pishro Industrial Complex

Ozone Gas Removal from the Outlet of Inline (UV-based)
Treatment Package

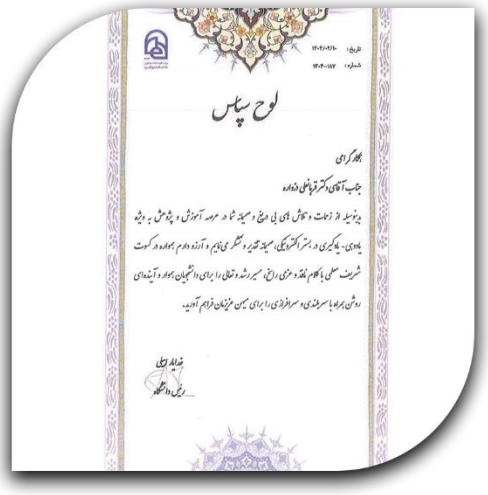
Organizational Honors and Awards

Sabz Pooyesh Ravesh Kimia has been honored for two consecutive years with the "Green Cheetah" Award by the Iran Green Brand Association. This prestigious recognition was awarded in appreciation of the company's ongoing efforts in the fields of sustainable development, environmental innovation, and corporate social responsibility at the national level.

Recipient of the Green Cheetah Award from the Iran Green Brand Association

Organizational Honors and Awards

On the occasion of Professor’s Day, Mehr Alborz University honored Dr. Ghorbanali Dezvareh (Chairman of the Board) with a certificate of appreciation in recognition of his educational contributions and dedicated efforts. This gesture symbolizes the profound impact of academic instruction, the value of shared experience, and the essential role of professors in shaping the future of generations. Education is not merely the transfer of knowledge; it is the cultivation of human potential and the creation of better tomorrows.


لوح سپاس

جناب آقای دکتر قربانعلی دزواره

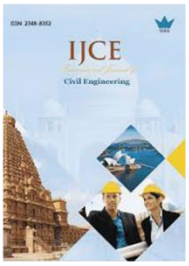
Appreciation of Dr. Ghorbanali Dezvareh on Teacher's Day by Mehr Alborz University

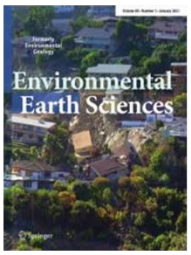
Sabz Pooyesh Ravesh Kimia

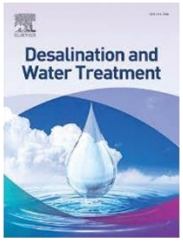
Scientific Publications and International Contributions

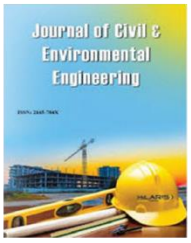
Selected Collaborations with Leading International Journals

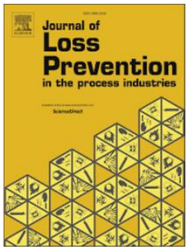
The research experience and academic background of the company's executive and expert team have led to the publication of numerous articles in reputable international journals. These scientific collaborations, covering topics such as environmental engineering, waste management, construction management, sustainable development, and life cycle assessment, have solidified the scientific reputation of the organization at both national and international levels. They have also contributed to strengthening research partnerships with universities and academic communities around the world.

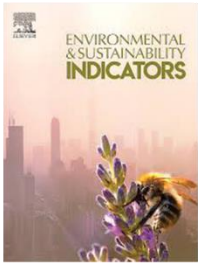


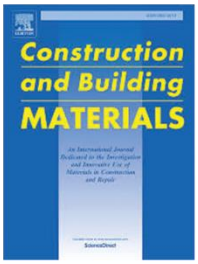


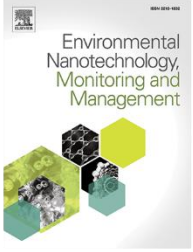


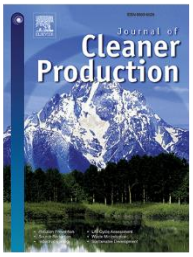












Sabz Pooyesh Ravesh Kimia

Scientific Contribution to the Peer Review Process of Reputable International Journals

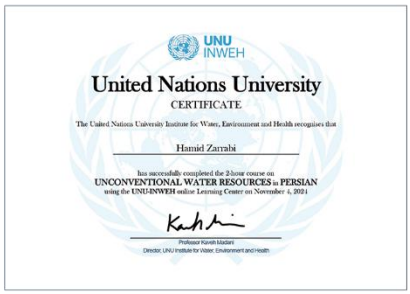
Several core members of Sabz Pooyesh Ravesh Kimia have actively served as official reviewers for respected international journals. These certificates reflect the trust of academic publishers in the expertise, analytical precision, and scientific standing of the Sabz Pooyesh Ravesh Kimia team in evaluating cutting-edge research papers in the fields of environmental science and civil engineering.

Certificates of Participation in Training and Skill Development Programs

Continuous professional development is one of the core values at Sabz Pooyesh Ravesh Kimia. The team actively participates in specialized training programs both nationally and internationally, consistently striving to enhance their knowledge, acquire new skills, and stay up to date with scientific advancements. The certificates presented in this section represent only a portion of our ongoing learning journey and reflect our team's deep commitment to quality and knowledge-driven performance.

Sabz Pooyesh Ravesh Kimia

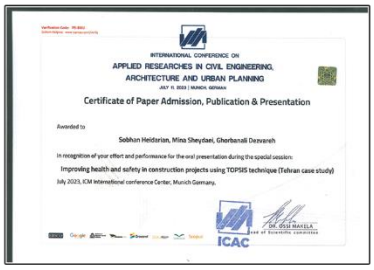
Certificates of Participation in Training and Skill Development Programs



Sabz Pooyesh Ravesh Kimia

Certificates of Accepted Papers in National and International Scientific Conferences

With a research-driven approach and the specialized knowledge of its core members, Sabz Pooyesh Ravesh Kimia has maintained an active presence in both national and international scientific events. Along this path, several papers authored by the company's scientific team have been accepted and presented at reputable conferences. The certificates included in this section reflect the company's active participation in scientific exchange, advancement of specialized knowledge, and engagement with academic communities in the fields of environmental science, sustainable development, and innovative engineering.

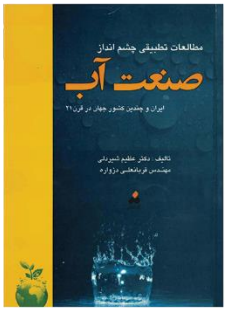


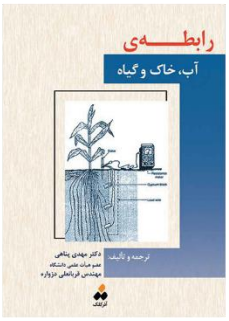
Sabz Pooyesh Ravesh Kimia

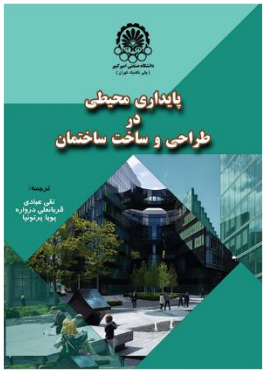
Certificates of Accepted Papers in National and International Scientific Conferences

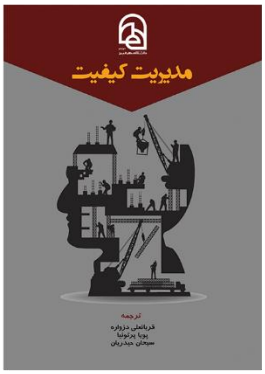
Selected Authored, Translated, and Upcoming Books

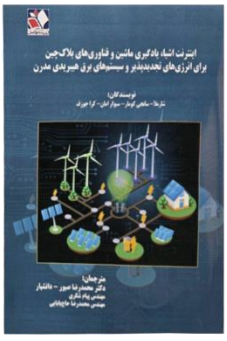
Several members of Sabz Pooyesh Ravesh Kimia have been actively involved in authoring and translating specialized books in the fields of environmental science, sustainable development, and related engineering disciplines. These works have been published or are in the final stages of publication in collaboration with reputable academic and scientific publishers in Iran. This body of work reflects the company's research-driven approach and the team's commitment to expanding indigenous knowledge and academic resources in the country.

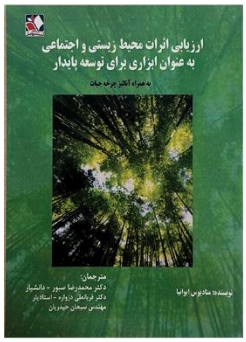












Participation in Events, Conferences, and Symposiums

Sabz Pooyesh Ravesh Kimia participated in the 4th Green Brand Conference held at the University of Tehran. During this event, company members delivered presentations on eco-labeling and the circular economy, emphasizing the importance of environmental protection, sustainable development, and the alignment of domestic industries with international standards.

Participation of Sabz Pooyesh Ravesh Kimia in the 4th International Green Brand Conference

Participation in Events, Conferences, and Symposiums

This scientific event was held with the aim of exploring innovative solutions to reduce the environmental impacts of industries and mining activities.
It was supported by Sabz Pooyesh Ravesh Kimia and attended by experts, researchers, and environmental professionals from both Iran and abroad. The main themes of the conference included sustainable development, green technologies, circular economy, and environmental policymaking in the industrial and mining sectors.

The Second National and First International Conference on Environmental Challenges: Toward Green Industry and Mining

Participation in Events, Conferences, and Symposiums

This specialized workshop was held on January 29, 2023, in Tehran, in collaboration with the Iranian Society of Water Resources Science and Engineering and the Iran Water Resources Management Company.
The event focused on exploring the role of gamification as an innovative approach to enhancing productivity, education, and public engagement within the water sector. With the participation of experts, researchers, and professionals in the water field, the workshop was regarded as an important step toward integrating behavioral technologies with water resource management in Iran.

The First Specialized Workshop on Gamification in Iran's Water Industry

Participation in Events, Conferences, and Symposiums

As part of ongoing scientific and operational efforts in the field of health, safety, and environment (HSE), the appointment of Dr. Ghorbanali Dezvareh as Head of the HSE Academy at Mehr Alborz University marks a major milestone in advancing and promoting HSE knowledge at both academic and industrial levels. This speech, delivered as his first official appearance in this role, aimed to present the vision, programs, and collaborative pathways with students, faculty members, and industry professionals. The core objective was to build a strong connection between academic education and the practical needs of industry, paving the way toward a safer and more sustainable future.

Keynote Speech as Head of the
HSE Academy at Mehr Alborz University

Participation in Events, Conferences, and Symposiums

The Second International Green Brand Conference was held with the goal of promoting environmental values in brand and industrial development. The event brought together experts, companies, and academic institutions for an active exchange of ideas.

Sabz Pooyesh Ravesh Kimia participated in this conference by presenting its experiences in sustainable solutions and environmental technologies. The company emphasized the importance of adopting green approaches in policymaking and brand development, highlighting its commitment to environmental responsibility and innovation.

Participation in the 2nd International Green Brand Conference

Participation in Events, Conferences, and Symposiums

This educational workshop was organized to introduce the advanced FAM technology in the field of waste disposal and management.
Participants were introduced to the operational principles of this innovative system, its environmental benefits, industrial applications, and its role in reducing pollutants generated from waste.
Special emphasis was placed on the importance of innovative technologies in advancing toward sustainable waste management and minimizing environmental impacts.

Specialized Workshop on FAM Technology in Waste Management

Participation in Events, Conferences, and Symposiums

Active participation in international environmental conferences has provided a valuable opportunity to share scientific findings, introduce innovative approaches to sustainable development, and exchange experiences with global experts and researchers.
The presentations have focused on topics such as life cycle assessment, advanced technologies in water treatment and waste management, and the role of digitalization in improving environmental performance indicators. These efforts are part of the company's broader mission to foster scientific collaboration and expand the boundaries of knowledge in the environmental field.

International Presentations at Environmental Conferences

Organization and Participation in Specialized Training Courses

A specialized training course on industrial and sanitary wastewater treatment was held for HSE managers of Riseco. The course covered the importance of sustainable water resources, an introduction to various wastewater treatment systems, common industrial challenges, and project-oriented development pathways.

Holding a Specialized Workshop with the Participation of Riseco Managers

Organization and Participation in Specialized Training Courses

This specialized course, held at the A2O water treatment facility in Pardis, East Tehran, provided an excellent opportunity to enhance the technical knowledge and operational skills of contractors and operators involved in the design and operation of water and wastewater treatment systems. The training served as a valuable platform for knowledge exchange and improving the quality of performance in water and wastewater-related projects.

Specialized Training Course at the A2O Water Treatment Facility, Pardis, East Tehran

Organization and Participation in Specialized Training Courses

Sabz Pooyesh Ravesh Kimia organized a series of specialized training programs aimed at advancing technical expertise and introducing cutting-edge global practices in the environmental sector. The Circular Economy course focused on essential principles such as waste minimization, resource reuse, and circular design thinking. In parallel, the course on Artificial Intelligence in Environmental Management explored the role of algorithms and data analytics in pollution monitoring, climate change forecasting, and the optimization of sustainable solutions.

Specialized Training Programs on Circular Economy and Environmental Applications of Artificial Intelligence

Organization and Participation in Specialized Training Courses

With the aim of enhancing technical expertise in environmental impact analysis, Sabz Pooyesh Ravesh Kimia has conducted numerous specialized courses and webinars focused on life cycle assessment. These programs include training sessions on the SimaPro software, advanced life cycle assessment workshops, and free webinars introducing key concepts such as environmental product declarations, life cycle analysis, and environmental burden assessments. These initiatives have been well received by professionals, students, and environmental practitioners, serving as an effective step toward promoting scientific approaches in the path toward sustainable development.

Organizing Specialized Courses and
Webinars on Life Cycle Assessment

Research Achievements and Developmental Innovations

With the aim of enhancing technical expertise in environmental impact analysis, Sabz Pooyesh Ravesh Kimia has conducted numerous specialized courses and webinars focused on life cycle assessment sment. These programs include training sessions on the SimaPro software, advanced life cycle assessment workshops, and free webinars introducing key concepts such as environmental product declarations, life cycle analysis, and environmental burden assessments. These initiatives have been well received by professionals, students, and environmental practitioners, serving as an effective step toward promoting scientific approaches in the path toward sustainable development.

Green Cheetah Environmental Label
of Sabz Pooyesh Ravesh Kimia

Research Achievements and Developmental Innovations

The "SabzBin" application is an intelligent interactive platform designed to promote eco-friendly lifestyles by raising awareness, encouraging public engagement, and facilitating sustainable choices. Although the app belongs to an independent platform, one of the key members of its development team was Dr. Ghorbanali Dezvareh, Chairman of the Board at Sabz Pooyesh Ravesh Kimia. As the founder and Chief Operations Officer of the app, Dr. Dezvareh played a vital role in its conception and progress. This significant experience highlights part of the company's scientific and managerial capacity in fostering environmental innovation in Iran.

Contributing to the Design and Development
of the SabzBin Application

Sabz Pooyesh Ravesh Kimia

Independent Projects Completed and Ongoing by Sabz Pooyesh Ravesh Kimia

Gilavan Zeytun Wastewater Treatment Plant Project	Client: Keshavarz Holding	Gilavan
Sanitary Wastewater Treatment Plant Project – Natanz Steel and Iron Company	Client: Natanz Steel and Iron Smelting Company	Natanz
Human Wastewater Treatment Package Project	Client: Pakhsan Company and National Development Holding	Fath Highway, Tehran
Industrial Wastewater Treatment Plant Project	Client: Atmosphere Company	Karaj, Garmdareh

Sabz Pooyesh Ravesh Kimia

Projects Completed and Ongoing by Sabz Pooyesh Ravesh Kimia in Collaboration with Atrina

Iran Mall Project	Client: Arkan Arzesh	Tehran
Middle East Bank Headquarters	Client: Middle East Bank, (Consultant: Gano)	Tehran
Ajudaniye Commercial and Recreational Complex	Client: Samen Sazeh Arsh Company	Tehran - Ajudaniyeh
1000-Bed Tabriz Hospital	Client: Tabriz University of Medical Sciences, Tarh Jameh Company	Tabriz
Azgol Baharan 4, 120-Unit Residential Project	Client: Private Sector	Tehran
Isfahan Villa Project	Client: Mr. Abbaszadeh	Isfahan
Shahriar Villa Project	Client: Mr. Safavi	Karaj - Shahriar
Pardisan 100-Unit Residential Complex	Client: Samen Sazeh Company	Tehran
Andarzgoo Residential Complex	Client: Mr. Farvid	Tehran, Andarzgoo
Kamraniyeh Penthouse	Client: Mr. Khazaei	Tehran, Kamraniyeh

Sabz Pooyesh Ravesh Kimia

Projects Completed and Ongoing by Sabz Pooyesh Ravesh Kimia in Collaboration with Sepanta Polymer Sharif

Design and construction of the leachate treatment plant in Nowshahr using the MBR method	Client: Tarh Tejarat Sadid Company	Nowshahr
Water recovery using MBR, Design and construction of a leachate treatment system with conversion to irrigation water for green spaces, with a capacity of 400 cubic meters per day	Client: Waste Management Organization, Tehran Municipality	Tehran, Kahrizak
Design and construction of a nanofiltration system for wastewater recovery and conversion to irrigation water for green spaces in Vian Industrial Town, with a capacity of 250 cubic meters per day	Client: Industrial Towns Company	Hamedan
Greywater recovery using MBR, Membrane treatment system at the Tarasht Tower, with a capacity of 50 cubic meters per day	Client: Science and Technology Park, Sharif University of Technology	Tehran
Design and construction of MBR system for the Konarak wastewater treatment plant, with a capacity of 90 cubic meters per day	Client: Konarak Wastewater Treatment Plant	Tehran
Operation, repair, and maintenance of the Aradkouh leachate treatment plant owned by Tehran Municipality, under a 3-year service contract	Client: Waste Management Organization, Tehran Municipality	Tehran, Kahrizak

Sabz Pooyesh Ravesh Kimia

Knowledge–based in the field of advanced water and air technologies

www.sprkimia.com

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