



EU4Energy



NATIONAL ENERGY EFFICIENCY ACTION PLAN (NEEAP) OF THE REPUBLIC OF AZERBAIJAN

SECTORAL ACTIONS



Funded under the EU4Energy Initiative of the European Union



HORIZONTAL (CROSS-CUTTING) MEASURES

		Supply side	Buildings (residential and public)	Public/services	Industry	Transport	Agriculture
C1	Develop and adopt primary and secondary legislative acts on energy efficiency	X	X	X	X		
C2	Strengthen the administrative and institutional structure for energy efficiency	X	X	X	X	X	X
C3	Establish Energy efficiency fund		X	X	x		
C4	Develop and maintain energy efficiency monitoring and reporting system	X	X	X	X	X	X
C5	Implement awareness raising and training activities on energy efficiency	X	X	X	X	X	X



Action title	C1 Develop and adopt primary and secondary legislative acts on energy efficiency
Goal	Ensure swift enforcement of the Law on efficiency use of Energy resources and Energy Efficiency
Activities to undertake	<p>Develop and adopt the following primary and secondary legislative documents:</p> <ul style="list-style-type: none"> - The Law on Energy Efficiency in Buildings and Technical regulation for setting minimum energy performance requirements for buildings - Law on Standard Product Information on Labelling (Marking) of Energy Consumption Products and Energy and Other Resources Consumption - The Law on the Establishment of an Ecodesign Requirements for Energy Products - The Guidelines on Energy Audit Accreditation and The Guidelines for Conducting Energy Audit - Energy Management System Standard and The Guidelines and requirements for Energy Managers - The model contract for Energy Performance Contracting and The guidelines for providing energy services - The guidelines for the costs distribution of the heat and hot water supply at the multi-apartment buildings with heat and hot water meters installed at the heat exchange point or at the entrance of the building - Order on Energy efficiency obligation scheme
Responsible institution	Ministry of Energy
Other participating bodies	Ministry of Economy, The State Committee on Urban Planning and Architecture Donors to provide technical assistance for developing the draft acts
Timeline	2021-2022



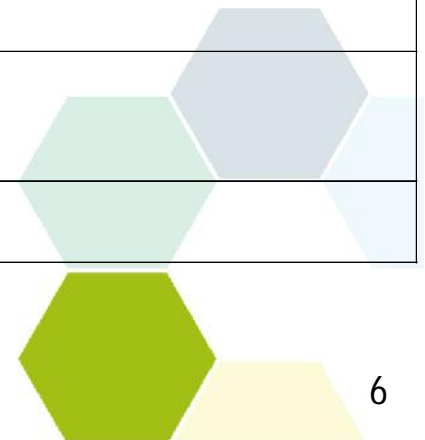
Action title	C2 Strengthen the administrative and institutional structure for energy efficiency
Goal	Ensure efficient implementation of energy efficiency policies and measures and strengthen inter-ministerial coordination on energy efficiency policies implementation
Activities to undertake	<ul style="list-style-type: none"> - Adopt new institutional and administrative structure to ensure proper enforcement of legislative framework on energy efficiency - Define clear responsibilities, mandate and resources to the authority(ies) responsible for developing, implementing and evaluating energy efficiency policies - Establish effective inter-ministerial coordination and communication mechanism for energy efficiency policies development and implementations (see Code of best practices on Inter-ministerial communication and stakeholders consultations) provided by EU4Energy) - Establish external advisory council on energy efficiency to provide guidance and technical advice on the implementation, evaluation and development of new energy efficiency policies
Responsible institution	Ministry of Energy, Cabinet of Ministers
Other participating bodies	Donors to provide technical assistance (including assessment of pros and cons of various institutional setting options) and capacity building
Timeline	2021-2022



Action title	C3 Establish Energy efficiency fund
Goal	Establish an Energy efficiency revolving fund (EERF) in order to stimulate and scale up energy efficiency investments in public and private sectors
Activities to undertake	<ul style="list-style-type: none"> - Develop and adopt the necessary legislative and regulatory documents that will define the structure, operational management and governance rules as well as monitoring, evaluation and reporting procedures of the EERF. Options include the creation of the fund under an existing Ministry, energy agency, or development bank, creating a new legal entity (independent corporation or new statutory agency), or establishing a public-private partnership (PPP). - Define the Fund revenue streams (e.g.. international donors/IFIs, tariff increase, environmental tax, energy export revenues, etc) - Develop and adopt Fund operational manual defining the Fund objectives and targeted consumers and financing mechanisms to be deployed (including Technical assistance, grants, loans), operation and governance rules, procedures and application forms, etc
Responsible institution	Ministry of Energy, Cabinet of Ministers
Other participating bodies	Ministry of Finance, Donors and IFIs to provide technical assistance and capitalisation options
Timeline	2021-2022



Action title	C4 Develop and maintain energy efficiency monitoring and reporting system
Goal	Facilitate evaluation of the NEEAP and the energy efficiency policies implementation at national and sectoral level
Activities to undertake	<ul style="list-style-type: none"> - Develop energy efficiency indicators for supply side – generation, transmission and distribution of electricity, gas and heat - Develop and maintain a system of energy efficiency indicators for industrial, residential, public, transport and agriculture sectors - Develop energy management information system for state owned buildings - Introduce reporting system for NEEAP sectoral measures implementation - Introduce monitoring and reporting system for energy efficiency projects in private sector (industry, SMEs,, households) - Biannual reporting on NEEAP implementation
Responsible institution	State Statistical Committee, Energy regulatory Agency
Other participating bodies	Donors and IFIs to provide technical assistance
Timeline	2021-2025





Action title	C5 Implement awareness raising and training activities on energy efficiency
Goal	Raise awareness on benefits of energy efficiency, increase capacity to implement energy efficiency projects
Activities to undertake	<ul style="list-style-type: none"> - Implement National information and awareness raising campaign informing end-users and energy supply companies on benefits of energy efficiency and promoting energy efficiency actions and behavior targeting various end-users groups (residential, industrial and SMEs) and energy supply companies - Prepare and disseminate regularly updated information on best-available energy efficiency technologies and the applicable legal frameworks and relevant financial mechanisms to market actors - Implement targeted information campaigns to promote exemplary role of public sector, including Information and educational actions and trainings, publication of handbooks and guidebooks about the energy efficiency measures and behavior to be considered in public sector. - Continue promotion of the Covenant of Mayors Initiative
Responsible institution	Ministry of Energy
Other participating bodies	Ministry of economy, Ministry of Transport, Communications and High Technologies, Ministry of agriculture, Energy Efficiency Fund, Energy regulatory agency, Municipalities
Timeline	2021-2025

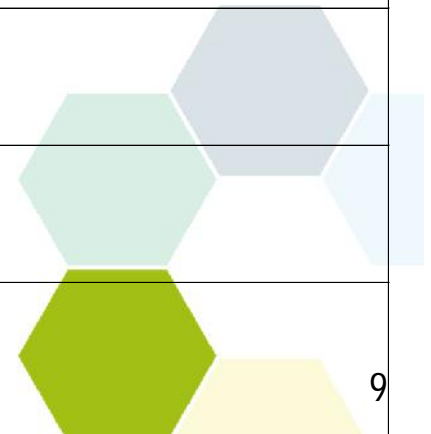


MEASURES IN PRIMARY ENERGY SUPPLY SECTOR

		Expected saving by 2025, ktoe	Cost by 2025, mln USD	Category of measure	Responsible authority
E1	Improve efficiency of electricity generation and reduce energy own use			regulatory	Azerenerji
E2	Electricity and natural gas distribution losses			technical	Azerishiq, Azerigas
E3	Energy metering and billing			Informational	Azerishiq, Azerigas
E4	Implement recommendations of District heating Roadmap optimization plan (VPC study – to be added)			Technical	Ministry of Energy
E5	Implement minimum energy performance standards for transformers			regulatory	State Committee of standardisations, Azerishiq
E6	Energy tariff methodologies			Regulatory	Energy regulatory agency

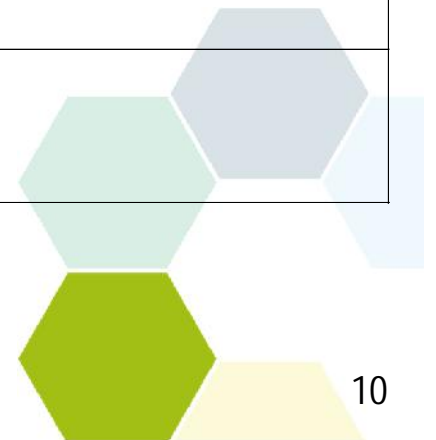


Action title	E1 Improve efficiency of electricity generation and reduce energy own use
Goal	Improve the efficiency of electricity generation facilities
Activities undertake to	<ul style="list-style-type: none">- Undertake in-depth assessment of the energy saving potential in energy generation facilities and propose cost-effective measures for improving generation plant efficiency, capacity utilisation factor and reduction of power plants own use- Provide 5 years energy saving programme, defining the energy saving measures to be implemented in electricity generation facilities- Introduce incentive measures for management and staff for improving overall plant efficiency and reducing fuel use- Monitor the implementation of energy saving measures and annually report progress
Responsible institution	Azerenerji
Other participating bodies	Ministry of Energy, Energy Regulatory Agency
Timeline	2021 for the in-depth assessment Annually for the remaining measures



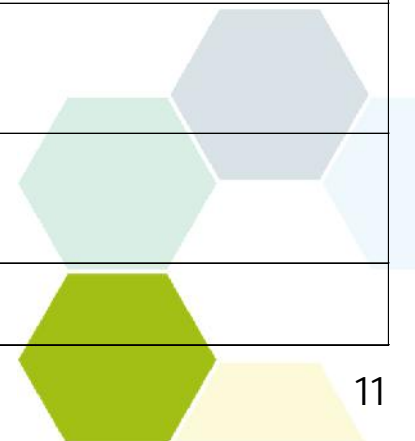


Action title	E2 Electricity and natural gas distribution losses
Goal	Reduce losses in electricity and natural gas distribution networks
Activities undertake to	<ul style="list-style-type: none">- Develop a Roadmap for reducing losses in electricity distribution- Develop a Roadmap for reducing losses in natural gas distribution- Implement activities as defined in the roadmaps and annually report progress
Responsible institution	Azerishiq, Azerigas
Other participating bodies	Ministry of Energy, Energy Regulatory Agency
Timeline	2021 for the roadmaps Annually for implementing and monitoring





Action title	E3 Energy metering and billing
Goal	Scale up advance meeting of electricity and natural gas consumption. Provide final consumers with comparable and detailed information regarding their consumption
Activities undertake to	<ul style="list-style-type: none"> - Implement pilot roll-out of electricity and natural gas smart meters. Ensure that final customers are given advice and information about meter reading management and monitoring of energy consumption - Monitor and evaluate results from smart meters pilot roll out - Develop a National programme for scaling up smart metering - Introduce requirements to electricity and natural gas distribution companies to provide final consumers with detailed billing information and comparable data for the last three years - Undertake survey among final consumers to monitor behavioural change as result of new metering/billing practices
Responsible institution	Azerishiq, Azerigas
Other participating bodies	Ministry of Energy, Energy Regulatory Agency
Timeline	2021-2025



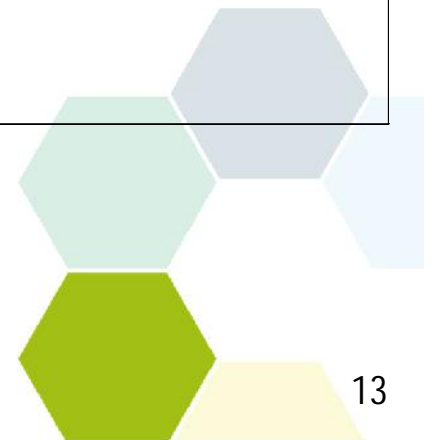


Action title	E4 Implement recommendations of District heating Roadmap optimization plan
Goal	
Activities undertake	to To be defined based on final VPN study recommendations
Responsible institution	
Other participating bodies	
Timeline	



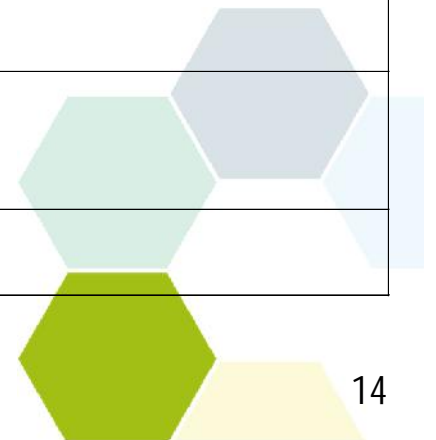


Action title	E5 Minimum energy performance standards for transformers
Goal	Implement minimum energy performance standards for transformers
Activities undertake to	<ul style="list-style-type: none">- Set and adopt a minimum energy performance standards for transformers in electricity transmission and distribution systems- Ensure annual rate of 5% replacement of old inefficient transformers
Responsible institution	State Committee of standardisations, Azerishiq
Other participating bodies	Ministry of Energy, Energy Regulatory Agency
Timeline	2021-2022 for adopting the standard 2022-2025 for rolling out new transformers





Action title	E6 New Energy tariff methodologies
Goal	Approve and implement new tariff methodologies in order to provide incentives for the implementation of energy efficiency measures by energy utilities and industrial consumers
Activities undertake	to <ul style="list-style-type: none">) Update existing and develop new tariff methodologies, providing provide Clear incentive for energy utilities to reduce their operational costs and distribution losses;) Further improvement of the existing electricity tariff design in order to stimulate the efficient use of the existing electricity system, i.e. introduce prices depending on the voltage and capacity, time-of-use pricing for all consumers; critical peak pricing, etc.
Responsible institution	Energy Regulatory Agency, Tariff council
Other participating bodies	Ministry of Energy
Timeline	2021-2022





MEASURES IN BUILDINGS

Nr	Name	Expected saving by 2025, ktoe	Cost by 2025, mln USD	Category of measure	Responsible authority
B1	National renovation programme for residential and public buildings			Financial/information	The State Committee on Urban Planning and Architecture, Energy Efficiency Fund
B2	Energy efficiency demonstration projects (in Baku or Migachevir - Covenant of Mayors city)			information	City of Baku/Migachevir, Ministry of Energy, Energy Efficiency fund
B3	Support Energy efficiency improvements in public/state owned buildings			Regulatory/Financial/information	The State Committee on Urban Planning and Architecture, Ministry of Energy



MEASURES IN BUILDINGS

B4	Energy efficiency improvements in residential buildings			Financial/ information	Energy Efficiency Fund, The State Committee on Urban Planning and Architecture
B5	Ecodesign and labelling			Regulatory	Ministry of economy, Azerbaijan Standardization Institute
B6	Construction of highly efficient new buildings			Regulatory/ nformation	The State Committee on Urban Planning and Architecture, Ministry of Energy
B7	Energy performance certification of buildings			Regulatory/ nformation	The State Committee on Urban Planning and Architecture, Ministry of Energy

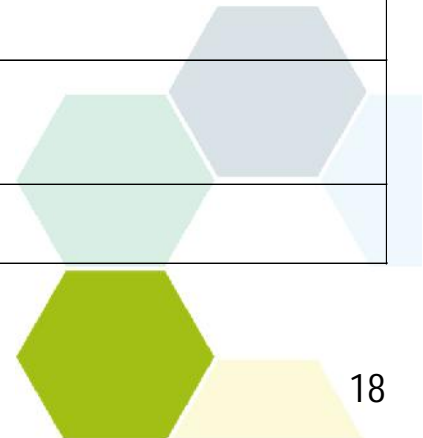


Action title	B1 National renovation programme for residential and public buildings
Goal	Scale up energy efficiency renovation of residential and public buildings by setting specific targets and providing financial mechanisms and incentives
Activities undertake to	<ul style="list-style-type: none"> - Undertake a study on available technical and economic energy efficiency potential in residential and public buildings - Set national and specific targets for renovation of public/state owned buildings – e.g number of renovated square meters of public buildings - Develop a national renovation programme for residential buildings, including defining the financial mechanisms and incentives to be utilized - Develop a national renovation programme for public buildings, including defining the financial mechanisms and incentives to be utilized
Responsible institution	The State Committee on Urban Planning and Architecture, Energy Efficiency Fund, Ministry of Finance
Other participating bodies	Cabinet of Ministers, Ministry of Energy, Local municipalities E5P, donors and iFIs to provide technical support on defining the financial mechanisms and incentives
Timeline	2021-2022





Action title	B2 Energy efficiency demonstration projects (in Baku or Migachevir - Covenant of Mayors member city)
Goal	Implement energy efficiency pilot projects in model/reference public buildings (hospitals, schools, kindergartens, office/government)
Activities undertake to	<ul style="list-style-type: none">- Implement energy audits of selected model/reference public buildings- Implement energy efficiency measures as recommended by the energy audits - Create a benchmarking information system with standardized energy efficiency measures and expected savings per type of building- Dissemination of results
Responsible institution	City of Baku/Migachevir, Ministry of Energy, Energy Efficiency fund
Other participating bodies	E5P, Donors to provide technical assistance and financing
Timeline	2021-2022





Action title	B3 Support Energy efficiency improvements in public/state owned buildings
Goal	Facilitate implementation of Implement the National public buildings renovation program
Activities to undertake	<ul style="list-style-type: none"> - Support municipalities to set annual targets for improving energy efficiency - Facilitate usage of the municipal energy information system software - Develop and provide a guideline for energy efficiency measures in public buildings - Incentivize municipalities to appoint an energy manager - Provide support scheme (e.g grant) for energy audits in state owned buildings and financial mechanisms to implement the measure prescribed by the audit - Make necessary changes to legislation to ensure municipalities are allowed to take credits for energy efficiency and are allowed to use the energy savings to repay the investments
Responsible institution	The State Committee on Urban Planning and Architecture, Ministry of Energy
Other participating bodies	Energy Efficiency Fund, Municipalities, Owners of State buildings E5P, donors to provide financial support
Timeline	2023-2025

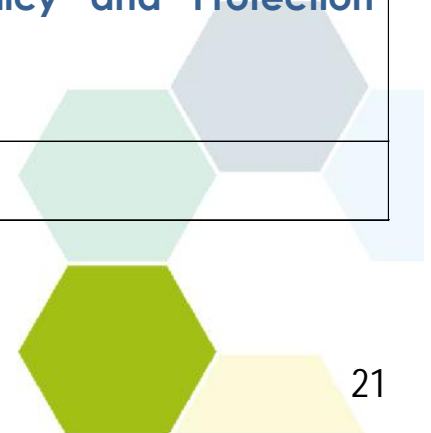


Action title	B4 Energy efficiency improvements in residential buildings
Goal	Facilitate implementation of the National residential buildings renovation program
Activities undertake to	<ul style="list-style-type: none"> - Encourage the creation of Condominium associations in Multi-apartment residential buildings - Develop and provide a guideline for energy efficiency measures in residential buildings - Provide support scheme (e.g grant) for energy audits in residential buildings and incentives for implementing the measures prescribes by the audits - The State Committee on Urban Planning and Architecture
Responsible institution	Energy Efficiency Fund, The State Committee on Urban Planning and Architecture
Other participating bodies	Ministry of finance, Ministry of Energy E5P, donors to provide technical assistance and financial support
Timeline	2023-2025



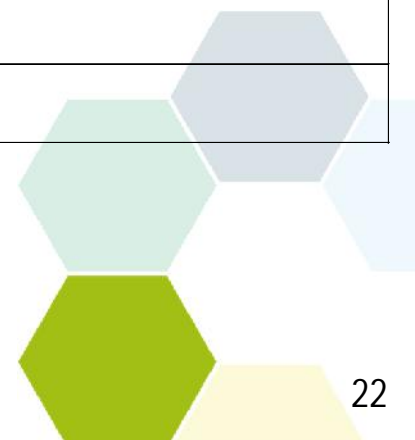


Action title	B5 Eco-design and labelling
Goal	Implement Eco-design (minimum energy performance standards) and labelling for energy using products and lighting
Activities undertake to	<ul style="list-style-type: none">- Develop and adopt minimum energy performance standards (eco-design requirements) for priority product groups as recommended by EU4Energy Roadmap- Introduce energy labeling requirements for energy using products- Develop enforcement and compliance procedure
Responsible institution	Ministry of economy, Azerbaijan Standardization Institute
Other participating bodies	Ministry of Energy, State Service of Antimonopoly Policy and Protection Consumers Right Donors/IFIs to provide technical assistance
Timeline	2021-2025





Action title	B6 Construction of highly efficient new buildings
Goal	Support investments in highly energy efficient newly constructed buildings
Activities undertake to	<ul style="list-style-type: none">- Develop a guideline on technical and economic best practices, materials and technologies in construction sector- Define minimum energy performance criterial for newly constructed buildings and develop and adopted respective technical standards- Promote use of newest technologies and materials by construction and the increase of newly constructed highly efficiency or nearly zero buildings
Responsible institution	The State Committee on Urban Planning and Architecture, Ministry of Energy (or ee impl agency)
Other participating bodies	Azerbaijan Standardization Institute Donors/IFIs to provide technical assistance
Timeline	2021-2025





Action title	B7 Energy performance certification of buildings
Goal	Increase building users awareness and transform the market towards more energy efficient buildings
Activities undertake to	<ul style="list-style-type: none">- Develop and adopt regulation on Energy performance certification of buildings, including calculation methodology for energy class definition of buildings, content of energy certificate, types of building to be certified, requirements to experts issuing energy certificates- Implement training and certification of experts- Define energy audits methodology for issuing energy performance certificates- Develop national software for energy performance of buildings calculation methodology- Establish a register of issues certificates and experts authorized- Capacity building of competent authority for quality control of the implementation of energy certificates for buildings
Responsible institution	The State Committee on Urban Planning and Architecture, Ministry of Energy (or ee impl agency)
Other participating bodies	Azerbaijan Standardization Institute Donors/IFIs to provide technical assistance
Timeline	2021-2025

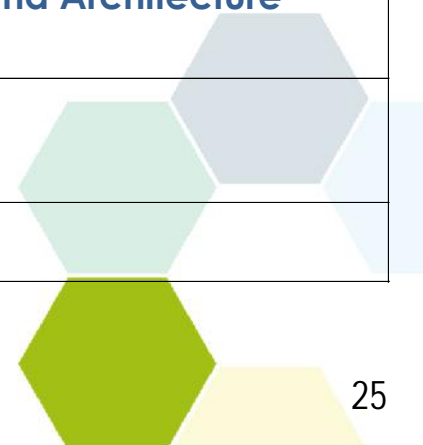


MEASURES IN PUBLIC/STATE OWNED SECTOR

Nr	Name	Expected saving by 2025, ktoe	Cost by 2025, USD	by mln	Category of measure	Responsible authority
P1	EPC and ESCOs				Regulatory/information	Ministry of Energy, Energy efficiency fund
P2	Street lighting energy efficiency				Financial/information	Ministry of Energy, Energy efficiency fund, The State Committee on Urban Planning and Architecture
P3	Energy efficiency in public procurement				Regulatory/information	Ministry of Energy?
P4	Encourage exchange of information and best practices on energy efficiency measures in public sector				information	Ministry of Energy, Energy efficiency fund



Action title	P1 EPC and ESCOs
Goal	Remove barriers and facilitate energy performance contracting and ESCO market for public buildings and street lighting
Activities undertake to	<ul style="list-style-type: none">- Identify barriers to EPC/ESCO projects in public sector (buildings and street lighting)- Propose draft regulatory acts and necessary amendments in existing legislation to facilitate ESCO market in public sector- Develop and adopt template (model) EPC contracts to be used by municipalities- Organize capacity building for municipal officials- Create and maintain a public registry of ESCO companies
Responsible institution	Ministry of Energy, The State Committee on Urban Planning and Architecture
Other participating bodies	Energy efficiency fund, donors/IFIs
Timeline	2021-2022





Action title	P2 Street lighting energy efficiency
Goal	Incentivize Local authorities to implement energy efficiency street lighting project
Activities undertake	to <ul style="list-style-type: none"> - Develop and provide a guideline for energy efficiency measures in street lighting - Provide support scheme (e.g grant) for energy audits of street lighting systems and financial mechanisms to implement the measure prescribed by the audit - Make necessary changes to legislation to ensure municipalities are allowed to take credits for energy efficiency and are allowed to use the energy savings to repay the investments - Implementing pilot projects using EPC/ESCO concept and/or other financial mechanisms as available
Responsible institution	Ministry of Energy, , The State Committee on Urban Planning and Architecture
Other participating bodies	Municipalities, donors/IFIs Energy efficiency fund
Timeline	2021-2025



Action title	P3 Energy efficiency in public procurement
Goal	Develop guidelines and promote use of energy efficiency criteria in public procurement procedure
Activities to undertake	<ul style="list-style-type: none"> - Introduce necessary amendments to the Law on public procurement to introduce energy efficiency requirements when procuring certain goods - Develop guidelines for state contracting authorities for introducing energy efficiency requirements in tender documentation, including pre-defined list of goods (e.g buildings construction materials, heating and air-conditioning systems and appliances, lighting, office equipment, vehicles, etc), technical specifications and eligibility requirements to meet certain minimum energy performance requirements - Implement training of officials responsible for public procurement on guideline application - Regularly review the list of goods and technical specifications
Responsible institution	Ministry of Energy, Ministry of economy, The State Committee on Urban Planning and Architecture
Other participating bodies	Donors to provide technical assistance for guideline development and capacity building
Timeline	2021-2025



Action title	P4 Exchange of information and best practices on energy efficiency measures in public sector
Goal	Facilitate and promote the exchange of best practice and lessons learnt on the implementation of energy efficiency projects in public sector
Activities undertake to	<ul style="list-style-type: none">- Promote membership of municipalities in the EU's Covenant of mayors initiative- Encourage establishment of voluntary national energy efficiency municipal networks for exchange of best practices and lessons learnt- Build capacity in municipal administrations for the implementation of energy efficiency projects in buildings and street lighting- Facilitate the exchange of best practices among municipalities by organising dedicated Municipal energy efficiency days
Responsible institution	Ministry of Energy, Energy efficiency fund, The State Committee on Urban Planning and Architecture
Other participating bodies	Donors, IFIs
Timeline	2021-2025





MEASURES IN INDUSTRY

	Name	Expected saving by 2025, ktoe	Cost by 2025, mln USD	Category of measure	Responsible authority
I1	Promote energy audits and energy management systems in industry			Regulatory/ Information	Ministry of economy
I2	Support scheme for Energy Efficiency projects in industry			financial	Ministry of economy
I3	Promote Energy performance contracting and energy services			Regulatory/ information	Ministry of economy
I4	Eco-design requirements for industrial motor and other industrial energy using equipment			Regulatory	Ministry of economy



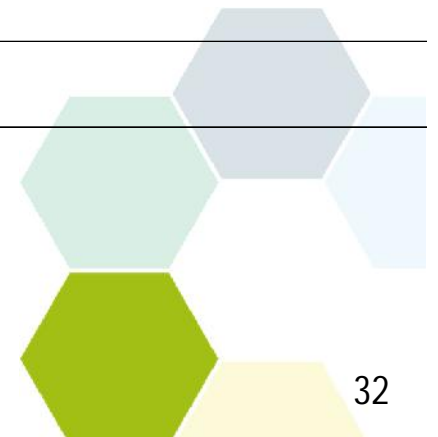
Action title	I1 Energy audits and energy management system
Goal	Support implementation of energy audits and energy management systems in industry, raise awareness and capacity to implement energy efficiency measures in industry
Activities to undertake	<ul style="list-style-type: none"> - Develop energy audit of industrial enterprises guidelines - Organise trainings for energy auditors and on Energy management systems in industry - Implement energy audits in at least xxx enterprises in different industrial subsectors and varying by size - Conduct a study to assess the multiple benefits of energy efficiency in industry beyond energy and monetary saving - Based on results from mandatory audits and other energy audits implemented establish an information database for energy efficiency measures by industrial subsector and their potential and benefits - Establish a mandatory reporting system for all industrial enterprises to include information on conducted mandatory or voluntary energy audit, energy management system introduced, results from implementation of energy efficiency measures - Organise trainings for increasing the qualifications and capacity for implementing energy efficiency projects for the technical personnel and management of industrial enterprises - Facilitate the exchange of best practices and best available technologies among industrial enterprises by organising dedicated Industrial energy efficiency days
Responsible institution	Ministry of economy, Academic institutes for the trainings
Other	Ministry of Energy; Donor/IFIs to provide technical support



Action title	I2 Support scheme(s) for Energy Efficiency projects in industry
Goal	Establish a dedicated financial support scheme for scaling up energy efficiency investment in industry
Activities to undertake	<ul style="list-style-type: none">- Lead the discussions with donor and IFIs to support the establishment of a dedicated credit line to provide Providing long-term loans for energy efficiency energy projects in industry- Define projects eligibility criteria, including technical assistance to be provided for applications preparation and the facility operational procedures- Define eligibility criteria for receiving a state support (art 8.8 of the Law) for small and medium industrial enterprises – e.g by establishing a public-private partnership mechanism- Provide energy efficiency credits and where applicable state support (grant) for energy efficiency improvement in industry
Responsible institution	Ministry of economy
Other	Energy efficiency fund, Donors/IFIs
Timeline	2021-2022



Action title	I3 Promote Energy performance contracting (EPC) and energy service companies (ESCO)
Goal	Remove barriers and facilitate EPC and ESCO for implementation of industrial energy efficiency measures
Activities to undertake	<ul style="list-style-type: none">- Identify barriers to EPC/ESCO projects in industrial sector- Propose draft regulatory acts and necessary amendments in existing legislation to facilitate ESCO market- Develop and adopt template (model) EPC contracts- Create and maintain a public registry of ESCO companies
Responsible institution	Ministry of economy
Other participating bodies	Ministry of Energy
Timeline	2021-2025





Action title	I4 Eco-design requirements for industrial motor and other industrial energy using equipment
Goal	Implement Eco-design (minimum energy performance standards) and labelling for energy using products and lighting
Activities undertake to	<ul style="list-style-type: none">- Develop and adopt minimum energy performance standards (eco-design requirements) for Eco-design requirements for industrial motor and other industrial energy using equipment as recommended by EU4Energy Roadmap- Develop cost-benefit analysis for further introducing eco-design requirements for other categories of energy using industrial equipment- Develop enforcement and compliance procedure
Responsible institution	Ministry of economy, Azerbaijan Standardization Institute
Other participating bodies	Ministry of Energy
Timeline	2021-2023



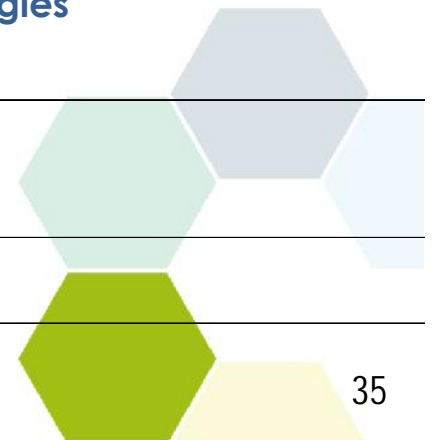


MEASURES IN TRANSPORT

Nr	Name	Expected saving by 2025, ktoe	Cost by 2025, mln USD	Category of measure	Responsible authority
T1	Fuel efficiency and emission norms for road transport vehicles			Regulatory	Ministry of Transport, Communications and High Technologies
T2	Municipal programmes for public transport optimisation			information	Municipality public transport agency of Baku, other cities
T3	Sustainable transport vehicles in public sector			Regulatory/information	Ministry of Transport, Communications and High Technologies



Action title	T1 Fuel efficiency and emission norms for road transport vehicles
Goal	Review and strengthen the current fuel efficiency and emission norms for road transport vehicles
Activities undertake to	<ul style="list-style-type: none">- Develop and Implement stricter fuel efficiency requirements and emission norms for road transport vehicles- Develop energy labelling requirements for tyres in line with EU best practices- Develop a procedure and Introduce mandatory control of emissions for road transport vehicles- Introduce efficient driving training in driving lessons, organise special courses for lorry drivers and passenger vehicle drivers (busses, mini-busses)
Responsible institution	Ministry of Transport, Communications and High Technologies
Other participating bodies	Ministry of Energy
Timeline	2021-2022



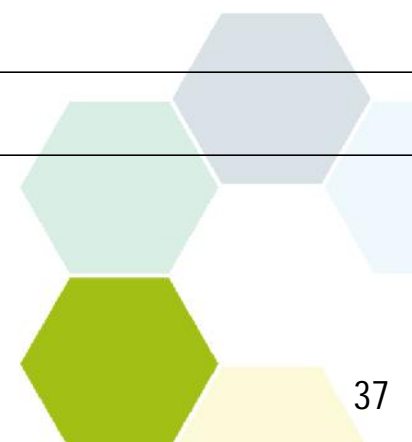


Action title	T2 Municipal programmes for public transport optimisation
Goal	Support municipalities to develop Municipal programmes for public transport optimisations
Activities to undertake	<ul style="list-style-type: none"> - Initiate the development of Municipal public transport programmes in 2(3) municipalities (e.g Covenant of mayors members) - Explore and analyse cost-benefit of various measures, including optimisation of routes, dedicated bus lanes, introduction of bicycle lanes, etc - Introduce measures to promote sustainable transport, including subway and electric means of public transport (if applicable) - Facilitate the dissemination of lessons learned and best practices by organising Sustainable transport days in cities
Responsible institution	Municipality public transport agency of Baku, other cities
Other participating bodies	Donors, IFIs to provide technical support
Timeline	2021-2025





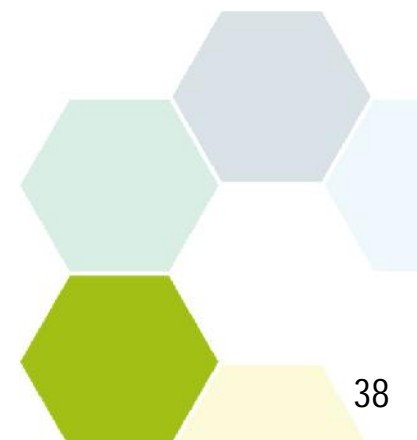
Action title	T3 Sustainable transport vehicles in public sector
Goal	Scale up the use of more efficient and sustainable vehicles in public sector
Activities to undertake	<ul style="list-style-type: none">- Develop a Guideline setting specific energy efficient/sustainable criteria and technical specifications for vehicles to be purchased for public sector and public transport- Regularly review the list of vehicles and technical specifications- Develop a programme for gradually replacing old and inefficient vehicles used in public sector and for public transport
Responsible institution	Ministry of Transport, Communications and High Technologies
Other participating bodies	Ministry of economy Donors/IFIs
Timeline	2021-2025





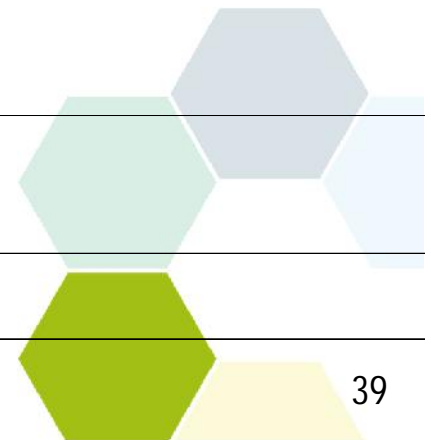
MEASURES IN AGRICULTURE

Nr	Name	Expected saving by 2025, ktoe	Cost by 2025, USD	by mln	Category of measure	Responsible authority
A1	Support energy efficiency projects in the agricultural sector				Financial/Information	Ministry of agriculture
A2	Energy efficient irrigation				Financial/Information	Ministry of agriculture





Action title	A1 Support energy efficiency projects in the agricultural sector
Goal	Scale up energy efficiency investments in agriculture
Activities undertake to	<ul style="list-style-type: none">- Establish financial mechanisms and dedicated credit lines for the implementation of energy efficiency measures in agriculture- Develop guidelines for energy efficiency measures/practices in greenhouses- Provide technical assistance for the preparation of credit applications forms- Provide information on best available agricultural equipment, machinery, accessories and technologies
Responsible institution	Ministry of Agriculture
Other participating bodies	Donors/IFIs to provide technical support
Timeline	2021-2025





Action title	A2 Energy efficient irrigation
Goal	Improve efficiency of existing and new irrigation systems
Activities to undertake	<ul style="list-style-type: none">- promote use of high-efficient irrigation pumps- Replacement of irrigation pipes- Reduction of losses- Training and awareness raising for farmers on resource efficient (water and energy) consumption
Responsible institution	Ministry of agriculture
Other participating bodies	Donors and IFIs to provide technical assistance
Timeline	2021-2025

