



# strategic plan Ministry of Energy and Infrastructure 2020 – 2021





## The first Strategic Objective:

### Organizing, planning and guaranteeing the sustainability of the infrastructure, and the transport sector

Initiatives	Activities
Enhancing readiness for the future in the field of energy and infrastructure	Preparing research and future studies in the field of energy and infrastructure
	Following-up on achieving the national agenda programs and competitive indicators, and developing the communication system with partners in the energy and infrastructure field
	Establishing a Future Legacy Center to explore the future as well as the achievements and projects of the energy and infrastructure sectors
Strengthening the partnership with the private sector In the field of energy and infrastructure	Development of policies, laws, regulations and supporting legislation To diversify the state's funding sources in the field of energy and infrastructure
	Launching integrated investment projects in the field of energy and infrastructure
The Master Plan of the UAE	Preparing a comprehensive integrated urban plan for "buildings, roads, transportation, housing and energy"
	The strategy for organizing the mining sector at the country level
	The National Program for Smart Urban Management (SUM25)
	Developing the smart transportation strategy in the country
Highlighting the role of the country and its achievements in the field of energy and infrastructure regionally and internationally	Representing the country in local, regional and international forums and organizations in the fields of energy, infrastructure, land and sea transportation, and housing
	Organizing marketing campaigns locally and internationally
Development of specifications, codes and contract terms for infrastructure and housing projects	Developing contracting terms as per the international best practices
	A guide to standards and specifications for roads in the country in accordance to the international best practices in the field



## The Second Strategic Objective: Developing the infrastructure and housing project management system

Initiatives	Activities
Managing infrastructure and housing projects efficiently and effectively according to international best practices	Preparing technical studies for roads, facilities, buildings, government establishment, dams, water establishment and housing.
	Designing road and building projects in alignment with the electromechanical disciplines
	Executing road and building projects in alignment with the electromechanical disciplines
	Preparing operational plans and budgets for infrastructure projects, dams and residential complexes, and following up on their implementation
	Follow up the implementation of housing support projects
	Supporting medium and small national companies
	Providing residential designs service for citizens
	Study the development of a system for engineering and technical services
	Ensure the security and safety of construction projects
Developing the digital system for managing infrastructure and housing projects	Developing and implementing the smart digital system for managing infrastructure projects in the country
	Using modern techniques in planning, designing and implementing projects
Ensuring and controlling the quality of construction materials	Development of a federal laboratory for construction materials
	National platform for classification, registration and evaluation of suppliers and construction materials



**The third Strategic Objective:**  
Enhancing the efficiency and effectiveness of federal infrastructure assets to maintain their sustainability

part1

Initiatives	Activities
Development of an integrated system for managing infrastructure assets	Preparing and implementing national policies for managing federal infrastructure assets in the country
	Developing a smart system for managing infrastructure and housing assets in the country
	Establishing a National Control Center to manage and monitor federal infrastructure assets
Raising the efficiency of roads, facilities, federal facilities and dams, in conjunction with the relevant authorities	Developing and raising the efficiency of federal buildings and facilities in collaboration with the relevant authorities
	Development of the federal road network
	Development of bridges, junctions, under passes and tunnels on federal roads
	Development and establishment of rest areas on federal roads
	Development and construction of modern pedestrian crossings (surface / overhead / tunnels) on federal roads in places of residential complexes "safe crossing"
	Monitoring and operating dams, barriers and water establishments, monitoring the surface and ground water network - Water and engineering monitoring of existing dams and water establishments
	Maintenance and raising the efficiency of dams



**The third Strategic Objective:**  
Enhancing the efficiency and effectiveness of federal infrastructure assets to maintain their sustainability

part2

Initiatives	Activities
Control and inspection management in transport sector	Applying and enforcing the national and international legislation and regulations governing the road and rail transport sector
	Application and enforcement of national and international legislations and regulations governing the maritime transport sector
	Issuing federal railway safety licenses and permits
Complementarity in transport management and logistics performance	Preparing the national strategy for the blue economy in the country's maritime transport
	Review and update the maritime law of the United Arab Emirates
	Establishing a national marine navigation center



**The fourth Strategic Objective:**  
Meet the current and future housing needs of citizens and find financing alternatives for their implementation

Initiatives	Activities
Developing and implementing programs and alternatives to the citizens housing	Planning and preparing housing finance programs
	Development and implementation of home finance products
	Monitoring and managing the loan portfolio
Design and develop housing services to enhance efficiency and proactivity	Providing proactive service packages with added value for project beneficiaries
	Enhancing the efficiency and effectiveness of service performance
	Activate the use of smart services
Providing residential welfare services	Reducing the travel time for a citizen to obtain housing support
	Implementation of participatory stations for the citizen's journey in the housing (Masarak)
	Providing housing guidance to raise the awareness of citizens in construction



## The fifth Strategic Objective:

Regulating and developing the energy, water and mining sector to ensure its security and sustainability

part1

7

Initiatives	Activities
Adopting best practices in managing and reducing water losses in water transmission and distribution networks	Releasing the Innovative Consultative Laboratory; About best practices and pioneering solutions in the UAE; To manage water losses in water networks.
	Ensure the application of the best practices, solutions and projects to manage and reduce water losses in water networks.
Arab Electrical Interconnection project	Follow up on market governance documents and agreements.
	Participate in the technical committees for establishing and organizing the electrical connection.
Establishing and governing electricity market in the country	Establishing clear digital databases for the exchange of the electricity commodity and organizing the trading process in cooperation with partners.
	Managing and following up the completion of the technical and organizational committees' plans and ensuring that they achieve the targets.
	Pursuing the establishment of the "Federal Regulator".
Preparing and managing the National Program for Demand Management of Energy and Water	Preparing a program to improve energy efficiency in industries with high energy consumption
	Program to improve water use efficiency in the agricultural sector.
	Preparing a program to improve energy efficiency in the buildings sector to reduce energy consumption, including reducing consumption in government buildings
	The National Campaign for Rationalization
	Preparing a program for improving energy efficiency (reducing) energy use in the transport sector.
Enhancing the role of future energy and supply security	Establishing effective partnerships to promote research and studies in the field of energy and water, and forming committees to follow up working groups at the international level
	Preparing the energy balance according to international standards.
	Develop the energy observatory as directed by the 2018 government meetings.
	Cooperating with the concerned authorities in preparing the greenhouse gas emissions inventory report



Initiatives	Activities
Strategic storage plan for petroleum derivatives	Preparing and following up the implementation of the general framework for data and reports on the strategic storage of petroleum derivatives.
	Setting basic recommendations to provide and secure strategic stocks of petroleum derivatives for emergency situations.
Development of means of water harvesting	Establishing a natural water information system.
	Study and modeling of water basins in major valleys.
	Surface and groundwater quality analyzes.
Sustaining the operations of the national oil derivatives companies for distribution	Follow-up and export of periodic reports on petroleum derivatives prices.
	Launching the digital platform for periodic tracking of petroleum derivatives prices in order to reduce the price gap for derivatives.
	Defining perceptions of mechanisms to achieve participatory consensus (self-sufficiency) among national distribution companies.
	Work on the governance and analysis of the state of petroleum derivatives in the country against international standards.
Knowledge management and statistical information management	Effective management of open data in energy, infrastructure, transportation and housing
	Preparing periodic reports in the field of energy
	Preparing periodic reports in the field of maritime transport
	Geological and mining database development
	Preparing periodic reports in the field of petroleum and mining
Enhancing readiness to deal with crises and emergencies	Preparing a strategy to deal with crises and emergencies
	Building an intelligent enterprise risk management system (ERM)



## The Sixth Strategic Objective:

Ensure the presenting of all administrative services in accordance with the standards of quality, efficiency and transparency

Part

1

9

Initiatives	Activities
Managing financial resources efficiently and effectively	Preparing the budget and following up on its implementation
	Managing financial resources efficiently and effectively
	Salaries management
	Managing payments and benefits
	Conduct an internal audit
Managing procurement according to international best practices	Contract management and follow-up
	purchase management "Micro kitchen"
	Procurement according to international best practices
Implement best human resource practices	Planning or attracting and assigning national human resources, maintaining them, and evaluating performance
	Staff training and development
	Implement best human resource practices
	Managing other HR services (compensation and benefits, personnel matters, etc.)
	Increase employee productivity
Motivation and recognition	



## The Sixth Strategic Objective:

Ensure the provision of all administrative services in accordance with the standards of quality, efficiency and transparency

part 2

10

Initiatives	Activities
Ensure the application of quality standards and institutional excellence	Ensure the application of quality standards and institutional excellence
	Quality management
	Customer Relationship Management
	Preparing to participate in the Sheikh Mohammed bin Rashid Award for Excellence in Governmental Performance
Achieve internal and external communication	Plan and coordinate internal and external communications
	Media activity management
	Electronic activity management
	Ensure the achievement of internal and external communication
Apply global best practices in leadership	Managing the work of the offices of the ministers and the general manager (the agent, the assistant undersecretaries and the directors of departments)
	Apply global best practices in leadership
	Managing the work of the minister's advisors and the general manager offices (the agent)
Developing the strategic plan and measuring performance	Setting and developing the strategic and operational plan
	Defining and developing key performance indicators and measuring performance
	Establishing and developing the strategic plan and measuring performance



## The Sixth Strategic Objective:

Ensure the provision of all administrative services in accordance with the standards of quality, efficiency and transparency

Part 3

11

Initiatives	Activities
Providing the best legal services	Preparing legal studies and consultations
	Department of Legal Affairs
Providing the latest information technology services	Management and development of electronic systems
	Provide technical support to users (help line)
	Network and Information Security Administration
	Provide the latest information technology services
Providing common services to all organizational units with high efficiency	Maintenance
	Rent
	Transportation
	Consultation fees
	Other recurring expenses (incoming and outgoing, parking, phones and internet ... etc.)
	Other common services (office supplies, stationery and miscellaneous items ... etc.)
	Implementation of the jobs budget
	Providing common services to all organizational units with high efficiency
	Provides administrative and logistical support



Initiatives	Activities
Building employees capacity in innovation	Organizing an internal competition for employees to share the innovation culture
	Implementation of training programs for employees in the field of innovation
	Implementing internal awareness campaigns to spread the culture of innovation among employees
	Engage employees in the Government Innovation Expert diploma program
	Building staff capabilities in the field of innovation
	Obtaining employee visits to learn about the best local / external practices
Adopting the latest means of innovation in the region	Activating the system of submitting innovative suggestions and ideas
	Implementation of innovation labs / brainstorming sessions to attract ideas using Innovation Tools
	Adopting the latest innovation tools and means within the organization
	Developing an internal competition to adopt best practices and leading business models
Improve processes to enhance innovation	Encouraging innovative joint projects between relevant sectors and departments
	Financial return from applying ideas and proposals to the Ministry's activities
	Improving processes to foster innovation
	The intangible return from applying ideas and proposals to the Ministry's activities
	Establishing innovation partnerships with academic institutions
	Encouraging research and development
	Participation in events and membership of organizations to attract ideas from employees