



# *Ministry of Transport*

Annual report

Development & Strategic Planning Directorate

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**His Majesty, King Abdullah II Bin Al Hussein**







**His Royal Highness Crown Prince  
Al Hussein bin Abdullah II**



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His Excellency, Minister of Transport, Prof. Nidal Katamin,

It is my pleasure to present the annual report for the transport sector in the Hashemite Kingdom of Jordan 2012, which contains the most important information, data, statistics, achievements, projects and future plans related to this sector, that highlights the pivot role of the Ministry of Transport and its affiliated bodies, institutions and joint Arab Jordanian companies associated with the ministry, hope to prevail benefits to all whom interested; as it reflects a clear and realistic vision of the sector in Jordan

Consistent with the royal directives to boost reform aiming to raise the performance and efficiency of the sector and enhancing competitiveness, the ministry is continually review and update the legislation governing the transport sector through separation the role of the operator from organizer from policy maker that will ensure allowance for genuine partnerships between the public and private sectors; as the transport sector needs both medium & huge investments and enhance the competitiveness in such a way to provide high quality of transport services within transport modes (land, aviation, and maritime).

In order to modernize and improve the transport sector and upgrading its performance, a medium term national strategy over three years 2012-2014 is being implemented, followed, evaluated and deviations corrected through realistic performance indicators to implement investment plans and increasing sector competitiveness, thereby raising infrastructure efficiency, and attracting Arab and foreign Investments, in addition to increase the inflow of capitals.

Within this context the ministry launched a long-term transport sector strategy project until 2030 which integrates all sectors in one planning document that contains policies support investments for the purpose of developing the infrastructure, and define priorities in addition to boost the participation of private investment, improve the multimodal transport services and ensure safety and security, in order to increase the capacity of the sector to meet the regional , environmental, social and security challenges within a more comprehensive structural institutional understanding, so as to be consistent with the national agenda all that can be achieved through collaborated efforts and open dialogue with the institutions of the public sector operators, private financial, legislative bodies and citizens in order to transfer Jordan to an attractive spot for both commercial and investment business.

One of the most competitive investment projects which the ministry hopes to implement through a genuine partnership between the public and private sectors is the Jordanian National Railway Network Project. The importance of this project in maintaining regional location of Jordan and achieve high economic, social and environmental benefits. The first phase of this mega project has been started the mini project “establishing Sheidieh mines link, and Reload Station in Wadi Al-Yutom”. in which it will ensure continuity of Aqaba Railway Corporation after the transfer of phosphate port to the new location on the south shore and keep workers in the organization’s (750 employees) who will form the nucleus of future national network operator. This project is funded by the Saudi grant within the Gulf Cooperation Council (GCC) grant.

In the field of land transport regarding road passengers the ministry is keen to improve the level and quality of transport services provided to citizens. As the government continues to provide subsidies for university students to bear part of the official transport fares in order to ease the financial burden they’re facing. In addition to starting the implementation of construct public transport infrastructure project and rehabilitation the current ( departure and arrival terminals ) second phase funded by the Kuwaiti grant. Moreover, the ministry is working hard to develop and pursue road transport relationships with neighboring countries in order to facilitate the movement of passengers and the flow of goods across the border and find new markets for Jordanian carriers and provide facilities for the private sector in alternative transportation hubs for Jordanian exports, particularly agricultural products of Jordan to the European market taking in consideration the regional circumstances.

The ministry is also proceeding the Project of Public Transport for connecting Amman and Zarqa, which aims to raise the efficiency of the public transport sector and promote its services and facilities to create an investment environment and local employment. This project has been funded from the Kuwaiti grant within a grant from the Gulf Cooperation Council (GCC) to finance investment projects of the Kingdom.

The ministry continues to support the approach of liberalization policies in aviation and improving the infrastructure of the Jordanian airports and its navigation systems ,and developing the sector’s facilities and services in order to accommodate the growth of air traffic to create a competitive environment at the national, regional and international level, in addition to make Jordan a regional hub for civil aviation and air transport and increase the

number of tourists coming to Jordan, which will contribute to the development of the tourism sector and increase the rate of air traffic growth. Moreover the government is about to finalize the rehabilitation and expansion of Queen Alia International Airport and the development of its facilities which is one of the vital projects that will contribute in providing more productive, efficient and competitive services, the first phase of the Project is expected to be completed during the month of March of the year 2013.

In the field of maritime transport, and regarding the National Maritime legislation updates; currently a draft for Jordanian maritime law is under preparation, this law has a high level of importance in organizing and developing this sector in accordance with the standards and international technical requirements, in addition to establishing and equipping the coastal station within the framework of investment and management and operation of port facilities. On the other hand an acknowledgement from EU of maritime education and training system, which will facilitate EU countries acknowledgement of issued certificates from Jordan Maritime Authority. Accordingly the signing of memorandums with the countries of the European Union of acknowledgement will be completed; which will open up broad opportunities for Jordanian youth whose carrying maritime certificates in the global shipping market and strengthen the international and regional relations.

In conclusion,

I would like to extend my sincere thanks to all who contributed in the preparation of this report and all employees in the ministry and the sector partners, may God protects Jordan under the umbrella of His Majesty, King Abdullah II Ibn Al Hussein.





## *Part one:*

**Ministry of Transport Vision, Mission and Core Values**

**The Transport Sector's Contribution to the Jordanian Economy**

**Transport Sector Challenges**

**Ministry of Transport Background**

**Ministry of Transport Organizational Structure**

**King Abdullah II Award for Governmental Distinguished Performance and  
Transparency**

**Ministry of Transport Achievements for the Year 2012**

- **Development & Strategic Planning**
- **Information Technology**
- **Human Resources Capacity Building**
- **Enhancement of External Relations**
- **Trade and Transport Facilitation**



## Our Vision

Our vision is to have a developed and sustainable transport sector, distinguished for competency, safety and environmental stability, enhancing the socio-economic development and making Jordan as a regional hub for transport.

## Our Mission

- Setting and executing policies, aiming at developing and sustaining the transport sector.
- Boosting the role of the private sector and motivating this sector on investment, increasing the productivity of transport sector
- Setting a system of indicators, observing the abidance by safety and security measures and conserving environment
- Adopting the projects that can make Jordan a contact and communication point inside the region and between the region and the external world

## Our Core Values:

- Professionalism
- Collaboration and team spirit work
- Transparency
- Focusing on the service recipient
- Creativity and Innovation.

## The Transport Sector's Contribution to the Jordanian Economy

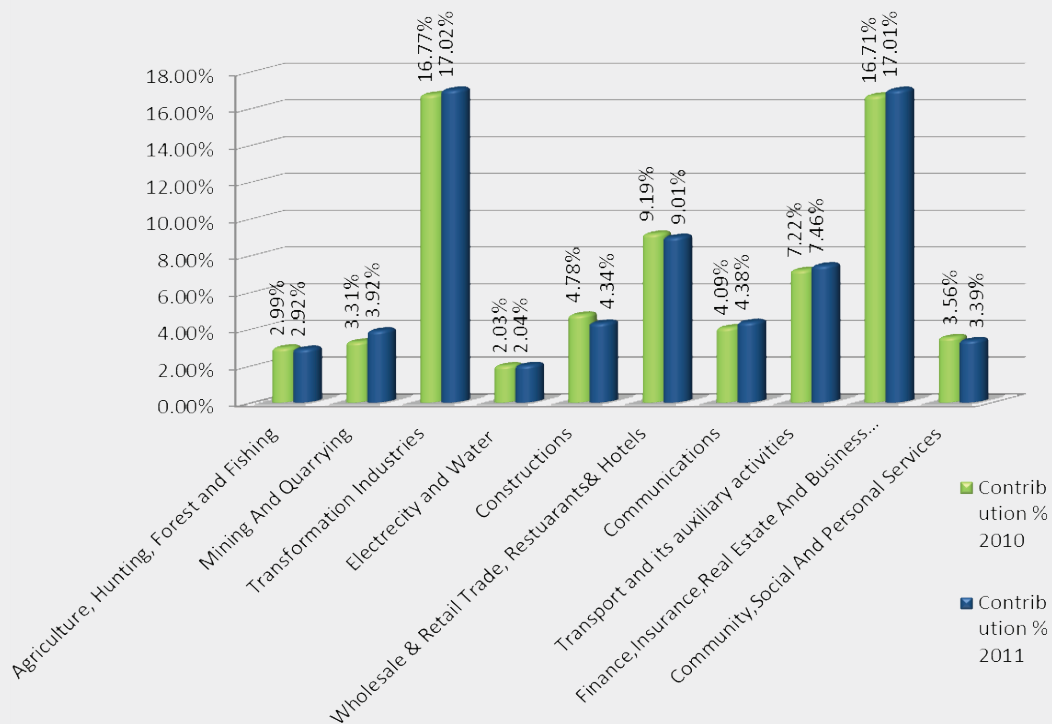
The Gross Domestic Product (GDP), at the market current prices, for the year 2011 amounted to (20476.6) million dinars, recording a growth rate of (9.1%) more than the previous year 2010 which was (18762.2) million dinars.

This growth came as a result of the cooperation among several economic sectors including transport sector. Statistics show that the ratio of the transport sector and their supporting activities for the year 2011 amounted to about (1528.44) million dinars against (1354.9) million dinars for the year 2010, recording a growth rate of (12.81%).

The transport contribution and its supporting and auxiliary transport activities in the Gross Domestic Product (GDP) at the market current prices for the year 2011 amounted to (7.46 %) while the ratio for the year 2010, was (7.22%)\*.

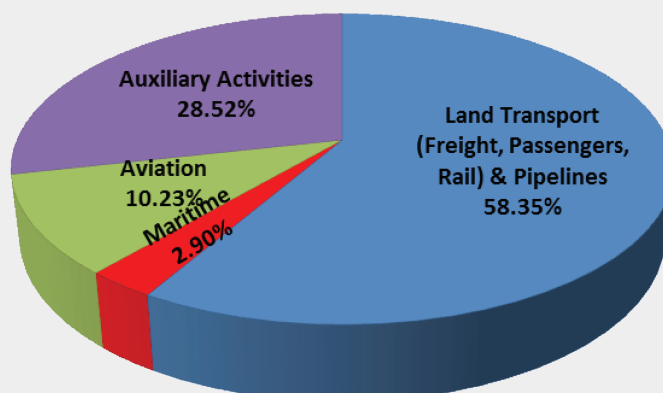
The chart below shows the contribution of several sectors, including the transport sector and their supporting and auxiliary transport activities in the Gross Domestic Product (GDP) at the market current prices for the year 2011\*.

**Gross Domestic Product By Economic Activity At  
Current Prices 2010-2011**



The following chart shows the contribution of different transport activities at the gross domestic product (GDP) for the year 2011:

### Contribution of the Various Transport Activities of the total Transport Contribution in the GDP 2011



\* Figures Source: Department of Public Statistics / transport, storage and communications survey/ Jordanian Statistical Year Book2011.

\*\* Preliminary figures estimated from the quarterly indicators for the year 2011 for the Department of Public Statistics.

## Transport Sector Challenges

- **Ministry of Transport Major Challenges:**

1. Lack of necessary funding to execute some of the key projects for developing the sector and appointing the appropriate technical competencies.
2. Overlapping and contradictory powers that govern and regulate the sector.
3. Lack of adequate and comprehensive information and data about the sector and its current situation in the Kingdom and in the neighboring countries.
4. Decline in the volume of trade mobility to, from and across Jordan because of the global economic crisis and its impact on the national economy.
5. The rapid global development of transport, methods and modern techniques systems used in transportation.

- **Land Transport Sector Major Challenges:**

1. The high rate of individual property and the absence of institutional frame work for the owners of individual passenger transport modes.
2. Aging of the passenger and shipping fleet in addition to the low level of public safety in the transport modes and increased gases emitting from these old vehicles exhaust, the thing that significantly and negatively affects environment.
3. The random design of passengers' network transport.
4. Weak control system for passengers' and driver's transport.
5. Poor infrastructure of passengers' transport services for departure, arrival stations and parking on the line routes and the lack of services and organization.
6. Low level of services provided in the public transport modes and the lack of fixed trips frequencies and regularly scheduled times for the public transport, in addition to the lack of specific loading and offloading stops that are designed according the adopted standards that provide passengers the basic information and protect them from different weather conditions in most provinces .

7. The increase of cargo transport fleet volume.
8. Low transport fees of the freight transport sector.
9. Lack of integrated facilities for the transport of goods on roads and the insufficient efficiency of transportation logistics.
10. Rising fuel prices.
11. Increased taxes and insurance on the transport modes.
12. Using private cars against fare.

- **Maritime Transport Sector Major Challenges:**

1. Shortage in maritime transport specialists due to the certain instructions that prevents appointment and the low level of wages and salaries in comparison with the private sector.
2. Lack of the necessary financial allocations for execution some vital important projects for the Maritime Authority.
3. Jordan Maritime Authority is not fully functioning its roles on the maritime sector.
4. Poor coordination with the supervisory and the organizational bodies of the maritime transport sector and ports especially in regard to future plans and projects for the development and establishment of ports .

- **Aviation Transport Sector Major Challenges :**

1. Decline in the trade volume to, from and across Jordan.
2. High level of regional competition.

- **Rail Transport Sector Major Challenges :**

1. The high cost of investment in railway transport sector which leads to the low demand from the private sector.
2. Transferring the current port allocated for discharging phosphate from its current location to the new location.

- **Department of Meteorology Major challenges:**

Lack of necessary equipment to warn against emergency weather conditions such as weather radar and some early warning systems to warn of special air cases through an automatic stations' network.

## • Ministry of Transport Background

The Ministry of Transport was established in the early 1965. It was called the Ministry of Communications (Rail, Aviation and Seaports). The Ministry assumed its official status in 1971 when the Ministry of Transport law No. 42 was issued, which became a permanent law in 1972.

In 2003, the Transport Law no. (89), was issued to reflect the Ministry current situation and its future role. Under this law, the Ministry has to accomplish the following tasks and mandates:

- Drawing the transport general policy and supervising its execution in coordination and cooperation with all competent entities.
- Regulating and monitoring the road freight transport sector and its services, as well as the issuance of the necessary permits for individuals and companies in all their activities in coordination and cooperation with the competent entities.
- Regulating and monitoring rail freight transport sector and its services and supervision, as well as the issuance of the necessary work permits in all activities in coordination and cooperation with the competent entities.
- Following up the application of the approved specifications, measurements and standards in accordance with the applicable legislation.
- Following up the application of bilateral transport agreements concluded between the Kingdom and other states as well as international conventions where the Kingdom is a party.
- Representing the Kingdom at any Arab and international organization interested in transport issues, and following up their activities by coordination and participation with the competent bodies.
- Setting the required investigations and studies on various types of transport accidents without violating the rules of any applicable legislation.
- Setting accidents' prevention measures and development under the international requirements in cooperation and coordination with the competent entities.



- Preparing the necessary researches and studies for developing the sector, and issuing periodic bulletins and reports on its activities.
- Establishing a transport sector Data Warehouse.
- Any other missions related to the transport sector.

In accordance with the regulations of related ministries, departments and public formal institutions, six governmental institutions, departments, and organizations with legal personality and enjoying financial and administrative independence, and having their own board of directors (with the exception of the Civil Aviation Regulatory Commission & Department of Meteorology), are related to this Ministry. These six entities are as follow:

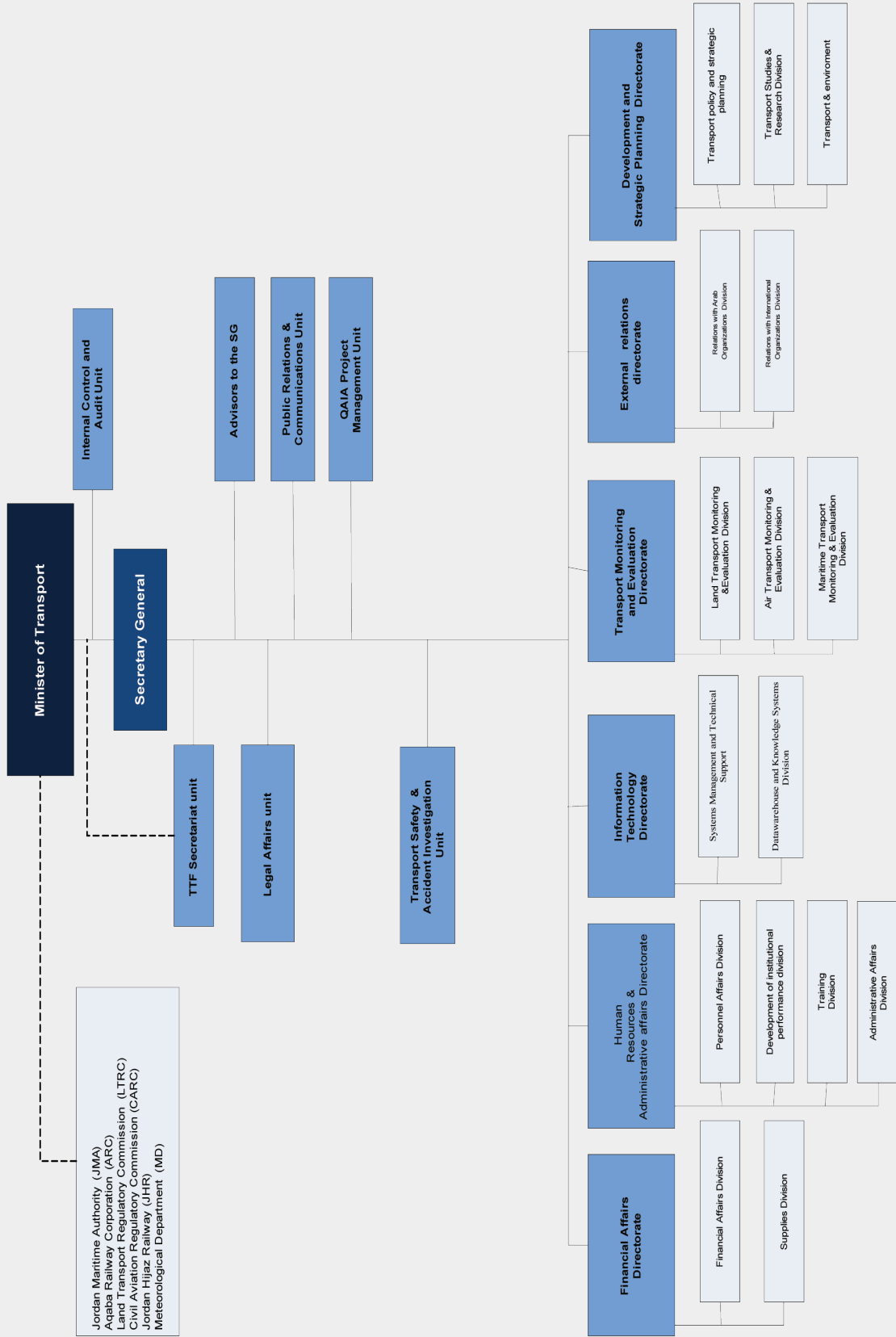
- The Civil Aviation Regulatory Commission
- Aqaba Railways Corporation
- Jordan Hejaz Railway Corporation
- The Meteorology Department
- Land Transport Regulatory Commission
- Jordan Maritime Authority.

Ministry of Transport is concerned in following up local and joint Arab transport companies activities, in which the Jordanian government participates.

These companies are as follow:

1. The Jordanian- Syrian Land Transport Company. (HQ in Amman).
2. The Arab Bridge Maritime Company. (HQ in Aqaba).

## Ministry of Transport Organizational Structure



### **King Abdullah II Award for Excellence in Government Performance and Transparency**

King Abdullah II Award for Governmental Distinguished Performance and Transparency came to express the appreciation of His Majesty, King Abdullah II Bin Al Hussein to the distinguished governmental institutions for their performance, productivity, services, projects, programs, plans methods of work and professional employees working for these institutions.

To achieve the objective of this award and the vision of His Majesty King Abdullah II Bin Al Hussein , to make affective radical change and develop the performance of ministries and governmental institutions in serving the Jordanian citizens and investors, boosting their competition by spreading awareness of distinguished performance concepts, creativity, quality and transparency, rooting the culture of excellence, the Ministry of transport participation since the year 2005 has come to translate this vision into reality .

The Ministry of Transport has won the King Abdullah II Award for their Governmental distinguished Performance and Transparency at the fifth session (2010/2011) and obtained the third position (the bronze prize) for the participating ministries more than once. This was reflected positively and clearly on the staff daily work so that this prize became the inspiration of this professional spirit. Accordingly, we look forward to achieve the highest levels of winning within our current sixth session (2012/2013).

## Ministry of Transport Achievements During the Year 2012

### In Development & Strategic Planning

#### Launching the Jordan National Transport Long – Term Strategy Project

On 08/12/2012, the Ministry of Transport launched a long term National transport strategy project which is implemented by the coalition of (PTV) German Company and (TRT) Italian Company, aiming at setting a clear and identified framework for the coming 20 years, and promoting this strategy through raising its efficiency to become more responsive to citizens' needs. This was accomplished through a workshop held by the Ministry under the patronage of his Excellency, Minister of Transport, Engineer Alaa Batayneh and attended by the representatives of a great number of the concerned entities from both public and private sectors. The workshop held specialized meetings of the committees formed that include land transport (passengers transport, cargo transport and railway transport), aviation transport, maritime transport and the technical committee for trade and transport facilitation. In his word, His Excellency, the Minister of Transport, stated that the presence of an effective transport sector is a prerequisite for economic development because of its great importance in the logistics of production processes in addition to activating and facilitating the transport mobility and increasing trade. His Excellency explained that the approach implemented by the Ministry of Transport since 2001, by adopting a three-year strategy, reviewed and updated periodically, after almost a year of producing the strategic plan for the years 2012-2014, it is a must to review the implemented work, discuss the obstacles and look forward to the future. So, the ministry, for the first time working on preparation of a long-term national strategy for the transport sector till the year 2030, in order to achieve the ministry vision and mission in developing the transport sector and making Jordan a regional transport hub.

His Excellency stressed on the importance of cooperation between partners from the public and private sectors taking into account all the economic and social variables and challenges to accomplish an effective strategy plan, to serve the sector and increase the proportion of the transport contribution to GDP. The process of development and modernization is not assigned to the Ministry of Transport only, but it is also the responsibility of several ministries and other parties. The multiplicity of interested stakeholders representing the public and private sector is a indicator on the different roles required from each side, which should be consistent

with each other to achieve the best results through the adoption of a clear strategy and action plan to meet the demands of both sectors without prejudice to the rights of each side. For the purposes of development, the periodic review of the plans is an essential stage to identify the constraints and correct any deviations from targets that may occur during the implementation process.

He also explained that the strategic plan shall observe building the ideal sector and developing building of sector capacities to produce a developed and sustainable transport distinguished for efficiency, safety and environmental stability, enhance economic and social development, and to be able to accomplish the aspirations of Jordanians , the Royal visions and share effectively in the achievement of national goals.

## **Information Technology**

The Ministry of Transport, in collaboration with all the stakeholder, especially its affiliated bodies, implemented a package of IT projects that will form the nucleus of Transport Knowledge Center, to provide services to all society categories : decision-makers, policy-makers, businessmen, investors, syndicates, civil society organizations, ministries and governmental institutions, scientific research centers, universities, employees working in the Ministry of Transport and its affiliated bodies . The most important projects, herein, are: Jordan Transport Sector Data Warehous (DHW), Customer Relationship Management (CRM), e-knowledge system and government resources planning project (GRP).

Based on the vision of the Ministry of Transport in the field of information technology and to ensure the sustainability of the projects that fall within this vision, a special committee, under the name Transport Sector IT Community, was formed. This committee includes, all employees in the information technology directorates at the Ministry of Transport and all of its affiliated bodies in order to exchange experiences and fill the shortages in some technical needs in addition to provide a framework that allows the implementation of some projects jointly to reduce costs and avoid repeating the development of the same systems.

## **Human Resources Capacity Building**

1. Activate the organizational structure emerging from the strategic plan.
2. Complete the recruitment process.
3. Prepare and implement the integrated training plan whereas MoT signed a training contract “Long Term Comprehensive Training Program” with the coalition of Advanced Logistic Group (ALG) and Bayan Consultant, this training plan targets the staff of the Ministry , its affiliated bodies and members of the technical Committee of trade and transport facilitation program, in all scope of land transport, maritime transport, trade transport, human resources and for (24) months with a cost of (700.000) seven hundred thousand Euros .

## Enhancement of External Relations

1. Two agreements, concerning international transport of passengers and freight on roads. The following table shows the signatory states and the date of signature:

No.	State	Date of signature
1.	Russian Union - by initial letters	17/05/2012 in Moscow
2.	Georgia - final signature	21/09/2012 in Georgia

2. Two memoranda of understanding were signed on a mutual recognition of civil marine diplomas. The following table shows the signatory states and the date of signature:

No.	State	Date of signature
1.	Iraq	25/12/2012
2.	Oman	29/01/2013

3. Two agreements were signed in the field of commercial maritime navigation. The following table shows the signatory states and the date of signature:

No.	State	Date of signature
1.	Cyprus - a final signing	06/09/2012 in Amman and effected on 01/01/2013
2.	Sudan - signing a memorandum of technical cooperation in the field of maritime transport and ports by initial letters.	During the period 25-16/1/2012 in Aqaba

4. Five agreements and memoranda of understanding were signed in the field of air services and aviation security. The following table shows the signatory states and the date of signature:

No.	State	Date of signature
1.	South Korea - Air services agreement by initial letters with of an editorial nature	During ICAN 2012 conference in Jeddah
2.	Australia -Air services agreement by initial letters with of an editorial nature.	
3.	Uruguay - Air services agreement by initial letters with of an editorial nature	
4.	Brazil - Air services agreement by initial letters with of an editorial nature	
5.	North America - Definitive signature of a memorandum of cooperation in the field of aviation security with	23/05/2012 in Amman
6.	Ukraine - signing a memorandum of understanding with the Aviation Administration included the liberalization of air transport between the two countries through correspondence	Jordan signed on 18/03/2012, the Ukrainian side on 26/04/2012



5. The Ministry participated, through the Directorate of Foreign Relations, in eleven meetings of the joint commission meetings with other countries to discuss the issues of transport. The following table shows the joint commission held and their session duration. This resulted in signing, by initial letters or finalizing a number of agreements, memoranda of understanding and cooperation in the field of transport. They also treated a number of transportation issues to facilitate the passengers and goods mobility between Jordan and these countries.

No.	Joint Commission	Period
1.	Jordanian- Sudanese Maritime Technical Commission	25-26/01/2012
2.	The fourth meeting of the transport and trade facilitation committee between Jordan and Iraq	8-10/04/2012
3.	The second session of the Ukrainian joint commission in Amman	2-3/04/2012
4.	Jordanian- Kuwaiti joint commercial technical commission	09-10/05/2012
5.	Jordanian - Iraqi joint ministerial commission	19-20/09/2012
6.	Joint technical commercial concerned with the studying of unification of axial loads and maximum dimensions of vehicles between Jordan and Egypt	07-08/10/2012
7.	The higher Jordanian-Palestinian joint commission in Ramallah	03-04/10/2012
8.	The fifth meeting of the transport and trade facilitation commission between Jordan and Iraq	11-13/11/2012
9.	Jordanian - Kuwaiti joint higher commission	03-04/11/2012
10.	Jordanian - Emirati joint ministerial commission	18-19/11/2012
11.	Jordanian - Egyptian joint technical commission of land transport	19-20/11/2012

Expected achievements (future projects) during 2013 - 2014:

1. Finalizing nine memoranda of understanding on mutual recognition of civil Navy diplomas with each of the following countries: Algeria, Philippines, Iran, Pakistan, Panama, Russian Federation, South Africa and Georgia).
2. Finalizing two agreements in the field of air services of an editorial nature with both of: Brazil, Uruguay.

3. Finalizing two agreements in the field of air services of non -editorial nature with both of (South Korea, Australia).
4. Finalizing two agreements in the field of international transportation of passengers and goods on roads with both: (Latvia & Ukraine).
5. Signing by initial letters two international passengers transport and goods on roads agreements with both of: (Austria & Italy).
6. Signing, by initial letters, a joint regional agreement in the field of international transportation of passengers and goods on the roads with Jordan, Syria, Lebanon and Iraq, on the one hand and the European Union on the other.

### **Trade and Transport Facilitation :**

#### **Achievements of the Executive Secretariat Unit for Transport and Trade Facilitation**

1. Holding two meetings through the National Committee for Trade & Transport facilitation which handled several recommendations, notably:
  - Approval the work topics and sub-committees formed in the workshop entitled (Towards the Implementation of the Action Plan of Trade & Transport Facilitation), which was held from 8 – 09/07/2012, also a working group for transport multiplicity of references issues in Aqaba had established in order to consolidate them in one reference.
  - Supporting the meetings National Committee for TTF to hold periodically every three months, unless necessity dictates otherwise.
2. Seven meetings for the Technical Committee of TTF were held to handle a several recommendations, notably:
  - Addressing the Aqaba Development Company (ADC) and invite the Executive Director to present the final master plan for the new port of Aqaba and clarify the timetable for delivery and operation.

- Sending a questionnaire related to the obstacles and proposed solutions issues of Trade & Transport Facilitation to be completed by all members of the Technical Committee.
- Approving the proposed project of establishing a joint free trade zone between Jordan and Iraq and recommending putting this proposal on the agenda of the joint committee meeting of Trade & Transport Facilitation between Jordan & Iraq.
- Five team works of five different Topics, of white paper topics were formed through the Technical Committee of TTF:
  - The first topic: the port of Aqaba / Dry-ports.
  - The second topic: Operating the Qualified Operator.
  - The third topic: Safe delivery Chain.
  - The fourth topic: Exports and Imports of food and agricultural products.
  - The fifth topic: multiplicity of Transport References in Aqaba.

In this respect, the targets of these five teams were identified and their members were selected from the TTF Technical Committee members, the Public Security Directorate / Aqaba Border Center and the Head of the General Association for Food Stuffs Merchants. The results of these team meeting issuing some recommendations to be adapted and approved by the TTF National Committee.

3. In the middle of the year, a National workshop was held under the title of (Towards the Implementation of the TTF Executive Secretariat Action Plan) under the Patronage of His Excellency, the Minister of Transport and with the participation of European Union technical assistance experts, trade & transport sectors stakeholders and the directors of border centers in Jordan. The direct results of this workshop represented in the recommendation of forming a sub-committee as a part of the TTF Technical Committee to work on the white paper topics.

4. In the last quarter of the year, a Regional workshop was held under the title of (Promoting the Regional Trade and Transport Facilitation) under the Patronage of His Excellency, the Minister of Transport and with the participation of representatives of the Ministry of Transport in the neighboring Arab countries (Egypt, Sudan, Iraq, Saudi Arabia and Yemen) , a representative of the League of Arab States , a representative of ESCWA , a representative of World Bank , a representative of the Ministry of Transport in Turkey and representatives of international organizations such as: (UNCTAD) and (EUROMED), in addition to the directors of the border centers in Jordan and a number of Stakeholders in Trade & Transport sectors. One of the most important results of this workshop was issuing a declaration (final statement) of the most important topics that enhance the Regional Trade & Transport Facilitation.
5. Working on the integrated border management through holding a meeting with the Public Security Directorate / Border & Residence Department / the border centers directors, to continue working with them in dealing with the most important issues and solutions related to the Trade & Transport facilitation.
6. Through the coordination with the Human Resources Directorate in MoT and the experts of technical assistance from the European Union, specialized training courses were held. All relevant bodies, Stakeholders and organizations in Trade & Transport sectors were invited to share their employees the training courses prepared by the experts of the technical assistance of the European Union in order to develop the building capacity of their employees. Specialized courses, various subjects were covered through that Training Courses at the Center of Consultation in the University of Jordan / Amman, and in the Excellence Training Center of Aqaba Special Economic Zone Authority in Aqaba city. Also, the TTF General Secretariat unit staff participated in a specialized training courses contains a lot of subjects such as: (e-learning), (learning by doing) & study tour that had taken place to some countries with advanced experiences in the field of Trade & Transport (Germany and Turkey).

## *Part two*

### **Transport Sector Projects**

- **Jordanian National Railway Network Project**
- **Public Transport Project for Connecting Between Amman and Al-Zarqa**
- **Rehabilitation, Expansion and Operation of Queen Alia International Airport Project**
- **Improvement of Airport Security equipment at Queen Alia International Airport Project**
- **Technical Assistance for Boosting the Ministry of Transport Capacities project.**
- **Establishing Transport Sector Data Warehouse (DWH)**
- **Long Term National Transport Strategy Project.**
- **Transport Sector Customer Relationship Management (CRM)**
- **E-Knowledge Management System**



## Transport Sector Projects

### Jordanian National Railway Network Project

#### The Project Objectives:

Link the Kingdom's cities and production centers by a railway network for transporting commodities and linking the Kingdom with the neighboring countries.

#### The Proposed Railways Network Description:

The proposed railway networks will be 950 km long with two main sections:

- north - south section from the Syrian border to Aqaba
- east - west section from Irbid through Mafraq and Zarqa to Iraqi border with a branch extending up to the Saudi border through Al Azraq.

#### The most important project achievements during the year 2012:

- The mini- project implementation was approved (establishing Al Sheediyah link and the loading and offloading station at Wadi Al Yateem) as a first stage component of the national rail network project in order to maintain phosphate transport. Setting the preliminary designs were completed for the bridge that links Ma'an – Al Mudawara road with Aqaba Railway. The preliminary designs for a re-loading station in Wadi Al Yateem area were also completed by the consultant.
- New alternatives of financing the project were studied taking into account the other bodies' participation (neighboring countries). A report was prepared with the required alternatives and procedures. This report will be submitted to the Economic Development Commission for consideration.
- The project got the classification and the Union UFM Labeling with the full support of all Union Member States during a meeting of senior officials of the Union for the Mediterranean, held in Barcelona on 12/03/2012.

## **Public Transport Project for Connecting Amman and Zarqa**

### **The Project Objectives:**

1. Promote the public transport sector, facilities and services, creating an investment environment and employing local manpower.
2. Solve the traffic congestion and the passengers' public transport problems by safe means.
3. Reduce accidents, environment pollution and protect the roads network.
4. Reduce the number of transport, the operational costs and fuel consumption.
5. Provide sustainable, effective and influential services of public transport between Amman and Zarqa.

### **The Project Description:**

It is a project of operating express buses between Amman and Al Zarqa. A number of routes were evaluated for this project between Al Zarqa and the Mahatta in Amman, taking into account linking these routes with the North Complex and the University of Jordan. The best of these routes lies in the middle of the highway between Amman and Al Zarqa.

### **The project developments during the year 2012:**

- The Council of Ministers Decision No. (1463) on 27/09/2012 was issued. It approved the mandate of the project technical committee to make all of the necessary studies for the alternative Bus Rapid Transit (BRT) as a substitute for the Light Railway Transit (LRT) to be forwarded to the Council of Ministers for taking the appropriate decision based on these studies results.
- The necessary funding for the project was provided through external grants.
- The Kuwaiti Fund for Arab Economic Development approved the inclusion of the project within the Kuwaiti grant projects package offered to the Government of the Hashemite Kingdom of Jordan.
- The expected project total cost was estimated as (68) million Jordanian dinars.
- Coordinate with the Kuwaiti Fund for preparing terms of references (ToR) for appointing a consultant for the project.



## **Rehabilitation, Expansion and Operation of Queen Alia International Airport Project**

### **The Project Objectives:**

Providing a modern airport with developed facilities accommodating up to (9) million passengers in the first stage and (12) million passengers in the second stage and providing services with a high level of quality and safety and attractive for investment .

### **The Project Description:**

1. On 19/05/2007, the Rehabilitation, Expansion and Operation Agreement of Queen Alia International Airport Project (REOA) was signed between the Jordanian government and coalition of Airport International Group Company (AIG).
2. The project, which reflects the partnership between the public and private sectors, was implemented upon the principle of build operate and transfer (BOT). It shall be implemented within a period of 25 years as of 15/11/2007 till the year 2032.
3. The total cost of the project is estimated as 800 million U.S. dollars and the government shall not bear any implementation costs (operational or capital).
4. The new passenger's terminal was designed by one of the largest engineering companies in the world, the British company (Foster & Partners Limited) as part of project agreements to provide an advanced level of operational service and under international classification degree approved by the International Union of Air Transport Agreement (IATA) and under the international standards as well. The government has chosen this design and asked all applicants for investment to adopt and build the value of their offers accordingly. The new passengers terminal was designed to accommodate, in the first stage, (7 million) passengers up to (9 million) passengers and up to (12 million) in its final stage.
5. Under the agreement, the construction works started on 15/04/2008, where the investor (Airport International Group (AIG) built a new passenger's terminal with an approximate area of (100,000) one hundred thousand square meters, to match the increasing air traffic , meet the international requirements, and to make improvements on other facilities such as runways and marinas. The investor completed the existing

passengers' terminal rehabilitation works in 2008 at a cost of not less than (50 million) dinar including the commercial facilities maintenance and improvement, enhancing the ground handling system, re-paving aircraft parings , assistance passages and using the employees who are able to efficiently manage the airport.

6. In addition to the construction works and rehabilitation, the Airport International Group (AIG) Company manages and operates the airport through the (Airport de Paris) company to upgrade the level of services provided.
7. Since the year 2007, Queen Alia International Airport achieved unprecedented growth in passenger traffic, the number of flights and the implications of this growth to open a new airline and new directions as well as new stations.
8. Under the agreement, the government share is (54.47%) of the airport total revenues. This is one of the highest worldwide rates in similar projects. These revenues are paid by (AIG) company on a quarterly- basis throughout the agreement period.
9. Due to the specialty of passengers' terminal new design performed for the first time and to overcome all the architectural and construction difficulties, it was agreed with the investing body, under the approval of the Cabinet, the general mandate, to divide the project into two stages, instead of the previously approved division. In the first stage the partial opening of the new terminal will take place in the summer of the year 2012. The second stage will be completed in the fall of 2013. This proposal is better in terms of operational, security, public aspects. It reduced the overlap between the old and new building, where the investor adds an additional service requirements on his own expense in the new passengers' terminal as well as expanding entrances and building additional areas since the beginning of operation to minimize the potential congestion in the mobility of passengers and departures, as well as the installation of an additional inspection instrument for the luggage handling system. It is noteworthy that the investor incurs the value imposed under the terms of the agreement signed with him.
10. The Project Management Unit (PMU) at the Ministry of Transport pursue the signed Rehabilitation, Expansion and Operation Agreement (REOA) between the donor (the government of Jordan) and the investor (Airport International

Group company (AIG)) in terms of the commitment of both parties (the donor and the investor) to the contractual duties and responsibilities, where the unit is considered the body that represents the government which manages the project agreements with all contract parties, such as the investor and the government service providers at the airport, consultants, creditors and the independent project engineers and others.

### **The Project Developments During the Year 2012:**

- The percentage of the overall construction work for the new building until the end of December of the year 2012 was (91.6%). The amount spent on the project during 2012 was approximately (49 million dinars) with a total expenditure of (452 million dinars) until the end of 2012.
- It is expected that the partial opening of the first stage of the work project for the new building will begin in the first quarter of 2013, while the final opening of the of the project (the second stage of the new building) is expected to finish before the mid-year of 2014. While the investor creates an independent temporary travelers' hall until the completion of the total work project for comprehending the passenger mobility during the period of operation at the first project stage, in addition to making appropriate adjustments to accommodate the (Wide Body) aircraft as well as adding new space to the royal cabinet area property for future expansion. It is noteworthy that the investor incurs the value of the imposed demurrage fines.

### **Improvement of Airport Security equipment at Queen Alia International Airport Project**

#### **The Project Objectives:**

The project of developing security protection at the Queen Alia International Airport aims at raising the efficiency of security checks on individuals and trucks used for the airport purposes.

#### **The Project Description :**

The work includes the construction of various buildings and various infrastructure works. This includes squares, road works and rainwater drainage especially to develop the airport protection in the as well as some of the specialized business of connecting electricity and

communication for buildings and surveillance cameras systems through a Japanese grant submitted to the Jordanian government where all necessary security services are supplied for the purposes of security test of vehicles and people at the entrances of air cargo and passengers in the marina area and the construction of necessary buildings for this purpose, as agreed between the two sides - Jordan and Japan stating that the Jordanian government shall bear the responsibility for creating all the necessary external works including a security fence around the two sites, gates, external areas , sidewalks around the buildings and the external road , vehicles parks , all external electrical works, sanitation , water network and other buildings serving the project.

The total cost of the project is estimated as (6.995.000 million) JD, divided into two parts:

- The value of the Japanese side work amounts to \$ (5.595 million) to be paid through the Japanese grant.
- The value of the work on the Jordanian side amounts to \$ (1,400,000) dinars to be paid from the country treasury.

#### **The Project Developments During the Year 2012:**

1. Japan International Cooperation Association (JICA): The works of the Japanese side were completed in 2011.
2. The works of the Jordanian side:
  - The order of implementing works to the contractor, Rami Zayadeen was issued directly on 10/1/2012.
  - The expected initial date of completing the works implementation, according to the agreement, signed with the contractor, is 08/06/2012.
  - Due to the issuance of several variability orders to the contractor, it is expected that the project final delivery date of will be in the early next year 2013.
  - The total percentage of completion of the project will be 98% up to December 2012.

**Technical Assistance for Boosting the Ministry of Transport Capacities project.****The Project Objectives:**

This project aims to raise the capabilities of the Ministry of Transport staff and workers in the sector and assist the ministry in setting the terms of references (ToR) of studies and projects included in the program.

**The Project Description:**

The project of the technical assistance, for boosting the Ministry of Transport capacities was funded by the European Union and includes the following:

- Providing permanent experts to assist the Ministry of Transport in the transport and trade facilitation field and specialized training for the Ministry staff and the partners involved in the transport and trade facilitation aspect.
- Providing specific tasks experts for conducting specialized studies in the field of transportation and logistics.

**The Project Achievements During the Year 2012:**

- Continue implementing the training program
- Prepare the terms of references (ToR) for a comprehensive training project.
- Participate in the evaluation of the technical offers for the projects of a long-term strategy and the study of establishment of dry port / logistics center in Jordan.
- Conduct a training visit acquires the best European practices in the field of data warehouse establishing.
- Conduct two training visits to Belgium, Netherlands and Turkey for getting acquainted other countries' experiences in the field of multi- model transport and logistics.
- This project is expected to be completed by March of 2013.

## **Establishing Transport Sector Data Warehouse (DWH)**

### **Project Objective:**

The main objective of this project is to provide data and information needed for decision-makers at all levels with the latest technical tools and supporting computerized systems to conduct an advanced statistical analysis (Data Analysis and Data Mining) and to design (Transport Modeling) and (Forecasting) in addition to simple statistical reports for all levels and categories.

### **Project Description:**

Establish a comprehensive database for all transport modes using the latest technology and expertise in the field of information technology. This project is one of the pilot projects in the region in terms of including all modes of transport: (land, sea, air and railway transport). Currently, the main part is being implemented it is about software and system development (Software Part) by the prevailing tenderer coalition. This coalition consists of the Proventa German Company and Nafith Jordanian Company. As for the part concerning the equipment and instruments required for operating software and databank systems (Hardware Part), it is being implemented by the specialized Technical Services Company (STS). It is funded and supported by the European Union grant for the Ministry of transport within the trade and transport facilitation program by two million Euros. This project is expected to be completed by the end of the year 2013.

### **The Project Developments During the Year 2012:**

- The project was launched on 26/04/2012.
- The initial stage of collecting information and starting the second stage including the design. The system development stage is underway.
- The tender concerning the devices and equipment, needed to operate software and data warehouse systems, was relegated. Prior to this stage, specifications, terms of references (ToR) , posing and evaluating offers, were prepared.
- Provide additional services outside the project scope of the (Complementary Services) that enables the Ministry to extract the required data from partners and provide additional courses.

## Long Term National Transport Strategy Project.

### Project Objective:

The project aims at setting a long-term transport sector strategy until the year 2030 and providing a program of following-up and evaluation of the performance indicators for developing and managing the transport sector effectively and setting investments priorities considering the regional dimension where all transport sectors (land, maritime, air and rail) will be consolidated within one planning document to comply with the national agenda objectives.

The basic and distinguished components of the project is confirming the effective participation of the Ministry employees in all of the project setting and follow-up stages of the project outputs plus experience and knowledge transfer and skills development at all of the project stages. The project tender was relegated to the German PTV Company coalition and the Italian TRT Company to be executed on two stages. The first stage will be implemented within eighteen months and the second stage will be an 18-month period to provide the proper support for executing the strategy. Execution started on 2/9/2012, and it is expected to have the first stage completed by mid-2014

### Project Description:

1. Setting the transport sector general policy document and updating the transport sector strategy for the years 2012 -2014. The transport sector general policy was composed; this policy presents a comprehensive group of priorities and supporters for facing the major challenges to increase the competency of the transport sector in Jordan.
2. Developing the transportation model to forecast the demand growth on the transport modes and their evaluation by using investment appraisal tools. Currently, the transport model (passengers and freight) is being built and nourishing the model with the information and determiners concerning the model future forecast is being made. This aims at approving the system outputs in the operation of setting strategies that helps in decision-making within the process of economic development, security, safety and the environmental requirements in Jordan.



3. Setting the transport sector long-term strategy up to the year 2030: In this stage, a long-term strategy- setting and a 5-year rolling action plan will be developed. This strategy will include an evaluation for regional and national transport systems plus posing scenarios on the long-run within the indicators of developing the infrastructure projects and the operational performance system.
4. The know-how, experiences and skills transfer for boosting the capabilities of the sector employees in all project stages to insure the successful execution of the strategy of all project activities.

#### **The Project Developments during the year 2012:**

1. Discussing the project inception report with the concerned partners.
2. Presenting the public transport sector safety paper.
3. Presenting the public transport sector policy paper.
4. Presenting the transport sector white industry paper which presents and shows the sectors' operators challenges.
5. Going ahead with implementing the Ministry of Transport employees (Know-how Transfer) training program.
6. Discussing the transport modeling approach with the consultants and the competent team.
7. Going ahead with building the Transport forecast Model
8. The strategy review report was delivered along with the transport sector executive plan for the years 2012 – 2014 including their current projects.

#### **The Ministry of Transport Strategic Projects for the years (2012 – 2014)**

1. Jordanian National Railway Network Project
2. Establish the Jordanian Railway Corporation.
3. Public Transport Project for Connecting Between Amman and Al-Zarqa.
4. Rehabilitation, Expansion and Operation of Queen Alia International Airport Project.
5. Establish Amman Services Logistics Center and AL Mafraq Port Land (acquisition)
6. Constructing of Al-Shediyah link.



7. Training employees in accordance with the approved training plan of the ministry (2012-2014)
8. Activating the functional relationships within the administrative units
9. Development the national long term transport strategy
10. Developing intranet networks and knowledge management systems.
11. Sustaining and developing the governmental resources planning system (GRP).
12. Developing the Ministry website.
13. Completing the construction of the new ministry new building.
14. Prepare an operation room for crises management.
15. Establishing Transport Sector Data Warehouse (DWH)
16. Developing and operating the governmental resources management system to include the Ministry- related institutions.
17. Developing customers' relations management (CRM)
18. Establishing a special directorate for managing the major Ministry projects.
19. Developing capacity building for transport sector partners.
20. Setting a plan for strengthen the role of the trade and transport facilitation committee
21. Holding regional workshops to discuss transport and trade issues.

#### **Land Transport Regulatory Commission Strategy (LTRC) Projects**

1. The projects of establishing and rehabilitating the public transport. Infrastructure (departure and arrival centers).
2. The projects of preparing the comprehensive plan second stage of the public transport services.
3. The projects of the public sector smart systems' development, application and operation.
4. The project of renewal the public transport buses.
5. The projects of covering the demand on the taxi services.

6. Checking and setting the legislations that organize the land transport sector (public transport, freight transport on roads, railway transport).
7. Establishing an entity within the LTRC to undertake the mission of follow up , control and implementation of land transport policies
8. Modernize public transport vehicles (private registered).
9. Set an electronic system for organizing the trucks arrival and departure from and to the Jordanian- Syrian Free Trade Zone.
10. wide awareness campaigns concerning safety for the sector workers due to their importance for taking the procedures required for applying the safety measures on roads.
11. Advanced training for rehabilitating the staff specialized in land transport.
12. Measure the satisfaction towards the public transport services.
13. Supporting the development of loading and unloading terminals infrastructure, located between The Jordanian and Iraqi borders (Al Haq Yard).
14. Granting incentives and support to the land transport sector.

**Jordanian Maritime Authority Strategy Projects:**

1. Establish the coastal station and make all the necessary equipment available.
2. Issue the Jordanian maritime law.
3. Conduct a study on the means and advantages of encouraging ships' registration under the Jordanian flag.
4. Conduct a study on the means and advantages of boosting maritime education and training in Jordan.
5. Establish a miniature maritime law in Aqaba for accelerating the procedures of maritime issues and disputes settlement.
6. Approve international maritime conventions.
7. Sign the memoranda of understanding acknowledging national certificates.
8. Establish specialized maritime academies or maritime faculties at universities.
9. Train and rehabilitate maritime staff and support at the maritime authority.

10. Raise the level of human resources and capacity building at the level of maritime transport sector.
11. Strengthen handling capabilities on ships.
12. Strengthen handling capabilities of docks and storage areas.
13. Continue developing and modernizing the passengers' terminal in Aqaba port.

**Civil Aviation Regulatory Commission Strategy Projects:**

1. Hold bilateral agreements for liberating air transport on a reciprocity basis.
2. Establish a legislation unit for following up the applicable legislations' issuance and modification.
3. Develop the civil aviation legislations and their compliance with the European aviation legislations.
4. Complete the Jordanian airports licensing program in Jordan.
5. Develop programs to monitor noise levels and aircrafts emissions in coordination with the airports operators, and the related governmental bodies and the country action plan to limit CO2 gases emissions.
6. Issue instructions to protect consumers and help people with disability.
7. Separate the air navigation services from the corporation.
8. Work on making the corporation as an experience house in the civil aviation field in cooperation with competent international entities.
9. Build institutional abilities, boost and promote knowledge standard plus sustaining these abilities at the corporation workers.
10. Boost awareness, comprehension and knowledge at the bodies working for the civil aviation sector components.
11. Purchase advanced instruments and systems for serving air navigation.
12. Enhance the usage of air sectors and their dynamical use (flexible air space).
13. Provide, develop and update devices, systems, programs and computer network.
14. Establish a data bank for the air transport sector for boosting and promoting the competency of the Civil Aviation Regulatory Commission to be able to perform their controlling and organizational role.
15. License new aviation companies, upon the market demands.
16. Training on civil aviation.
17. Boost transparency, cooperation and coordination with the Jordanian Air Lines.

18. Rehabilitate the Jordanian airports.

#### **Metrological Department Strategy Projects**

1. Purchase air radar “Doppler “.
2. Establish an integrated network for the automatic observatory stations.
3. Rehabilitate man powers in the scientific, technical and administrative fields.
4. Transfer technology and knowledge management.
5. Update meteorological department legislations.

### **Transport Sector Customer Relationship Management (CRM)**

#### **The Project Objective:**

The objective of transport sector Customer Relationship Management (CRM) , project , is to facilitate and enhance the procedures of receiving complaints, suggestions and inquiries from the citizen and to facilitate and enhance the procedures of their management and follow up by the affiliated bodies at the Ministry beside establishing a data bank for complaints, suggestions and inquiries which will enable decision-makers to perform the operations of analysis, improvement and correction and provide performance indicators for handling these complaints, suggestions and inquiries.

#### **The Project Description:**

The project is interested in establishing an data bank for receiving and responding complaints, suggestions and inquiries through automating the process of delivery and response and store them at the database where they can be analyzed and taking the proper decisions for handling them and measure the performance level in addition to facilitate and develop the mechanism of complaints, suggestions and inquiries submission to the citizen and make them able to follow them up and provide the ministry with a feedback as well as provid a follow-up mechanism to electronic circulating complaints, suggestions and inquiries.

#### **The Project Developments During the Year 2012**

The Ministry of Transport won the award of the Creation and Distinction Fund/ Ministry of Public Sector Development competition. This reward came as a grant funded by USAID Fiscal Reform II project. The project was accomplished by the Jordanian Company (01 tracks).

The project was completed and applied at the Ministry and all its affiliated bodies. The Ministry is about to launch a marketing campaign for the system.

## **E-Knowledge Management System Project**

### **The Project Objective:**

The development and establishment of such system will provide knowledge database for a great number of partners at the transport sector and the trade and transport facilitation program through unified system by spreading and managing knowledge in the Ministry of Transport and all the related entities and institutions beside the major stakeholders in facilitating transport and trade program. In which this will contribute in achieving a group of objectives and benefits such as: capacity building, enabling employees, training programs sustainability, knowledge transfer and share, making decisions in accordance with previous facts, experiences and trials by transferring information into knowledge and, in turn, using this knowledge in making decisions and achieving the goals required from the transport sector, in particular, and the objectives of all the concerned partners, in general.

### **The Project Description:**

This project will be accomplished through an electronic government program in cooperation with the Microsoft Agreement with the Jordanian government in coordination with the officials of the condensed training program project offered by the European Union. This will serve the Ministry of Transport employees and a number of stakeholders' employees in facilitating transport and trade program. The idea of the project came as a complement to the E-Learning System which was executed through this grant.

### **The Project Developments During the Year 2012**

The system requirements were identified waiting for approval to start the implementation through Microsoft Agreement with the Jordanian government and the Ministry of Communication and Information Technology.



## *Part Three*

**First: Corporations, Departments and Entities Affiliated with the Ministry of Transport:**

- **Jordanian Maritime Authority (JMA)**
- **Aqaba Railway Corporation (ARC)**
- **Land Transport Regulatory Commission (LTRC)**
- **Civil Aviation Regulatory Commission (CARC)**
- **Jordan - Hejaz Railway Corporation (JHR)**
- **Jordan Metrological Department (MD)**

**Second: Joint Transport Companies:**

- **The Jordanian Syrian Land Transport Company**
- **Arab Maritime Bridge Company**





## **First: Corporations, Departments and Entities Affiliated with the Ministry of Transport:**

### **Jordanian Maritime Authority (JMA):**

The Jordanian Maritime Authority was established under the law of the Jordanian Maritime Authority no. (47) for the year 2002 on 16/08/2002 (interim law). The permanent law of the Jordanian Maritime Authority no. (46) for the year 2006 was issued on 10/10/2006.

#### **Objectives**

- Regulate, supervise and develop the maritime transport sector in the Kingdom.
- Enhance the private sector's role and Encourage competition and prevent monopoly in the maritime transport sector in the Kingdom.
- boost maritime safety & security standards for the Jordanian vessels and Contribute in marine environment protection in the Jordanian regional waters.

#### **Main Duties**

- License of all maritime activities in cooperation and coordination with the
- Parties concerned and in conformity with the provisions of ASEZA law in force.
- Register ships under the Jordanian flag.
- Issuance of Statutory certificates for the Jordanian ships.
- Issue the official documents for the sector workers including the national certificates.
- Conducting inspections and surveys on ships and marine equipment in Aqaba Port area and within the Jordanian territorial waters according to related national laws and international conventions.
- Follow up of search, rescue and salvage operations within and outside
- Jordanian territorial waters.
- Follow up of search, rescue and salvage operations within and outside
- Jordanian territorial waters Investigating maritime accidents and catastrophes within the Jordanian

- Territorial waters and on Jordanian ships wherever they may be Give the recommendations to the Ministry to ratify bilateral, regional and international maritime conventions and follow-up their implementation..
- Representing the Kingdom at international and regional maritime commissions, Organizations, associations, unions, committees, and follow-up their activities..
- Cooperation and coordination with national, regional and international
- Parties related to the Authority functions Conducting studies, gathering data and information relevant to the sector, and classify, analyze, issue bulletins, periodicals and reports of the sector's activity..
- Conducting the authorities of Aqaba Port Department stipulated in
- the Commercial Maritime Law in force Take the necessary measures to ensure that the ship meets the requirements of maritime security, health security, protection of the marine environment and maritime radio communications between ships and the Organization and control of maritime activities within the Jordanian territorial waters, taking into account the provisions of the Aqaba Special Economic Zone Authority Law..
- Providing radio communications related to Global Maritime Distress and Safety Network between Ships and shore and organizing, documenting and controlling these communications.Issuing leave permits to ships leaving the territorial waters after making sure there are no judicial or technical detention orders on them.
- Regulate the entry of ships into the territorial waters and search for things falling into the sea and charge the Fees, wages and allowances under a regulation issued for this purpose

### **The Authority Achievements During the Year 2012**

#### **First: in the field of the Maritime Transport Sector Strategy Execution in the Kingdom:**

Completing the implementation of the projects listed within the strategy of the maritime transport sector in Jordan for the years 2009 – 2011 where financial allocations were made available and following up the implementation of maritime transport sector strategy for the years (2012-2014) which is part of the national transport sector strategy

of HKJ placed by MoT every three years as an action plan for the sector under the direct supervision and guidance of his Excellency, the Minister of Transport and the Jordanian Maritime Authority Management Council.

**The Main projects accomplished under the strategic plan were as follows:**

1. The establishment of the coastal station tender was awarded to a local company to provide a radio communications between ships and the Authority, as stated in the duties of JMA. The project is expected to be finished within three months Follow-up the discussion of the marine law draft through the technical commission and the legal office assigned for this purpose.
2. Sign the international maritime agreements concerning the development of the maritime authority Activities , maritime safety and security protection. And maintaining marine safety and security
3. Sign the memoranda of understanding to acknowledge the sailors' mutual certificates as detailed in item (2) below.
4. Follow up the procurers and requirements concerning the implementation of the maritime radio communication system with the ships, and regulate the entry of ships into the territorial waters by providing the necessary employment and equipment Complete the procedures related to implementing the requirements of the international agreements for training and issuing certificate for maritime workers for year 1978 and its amendments list 1/10 to ensure EU acknowledgment of certificates issued by JMA Continue the preparation for JMA voluntary assessment held by ( IMO) International Maritime Organization to ensure the consistency of JMA regulations and instruction with the international requirements Continue to review and amend the regulations and instructions that govern the different marine activities participate in preparing the long-term maritime transport sector strategy.
5. Continue adapting the proper climate for boosting and expanding the maritime education and training and opening new horizons under the international agreements on training rocedures and the issuance of certificates and Work hours for those working at sea and their amendments.

6. Follow-up Promoting for ships' registration under the Jordanian flag to attract more ships to register, and prepare a study by specialized authorities to demonstrate the potential of developing this important area and expansion opportunities.
7. Carry out an intense supervision and inspection on the ships that enter Aqaba port and the port facilities to insure that they adhere to the maritime safety and security measures.
8. Carry out an intense supervision and inspection on the maritime vessels operating in the regional waters to Ensure the implementation of maritime safety requirements under the valid legislations.

#### **Second: in the Field of Updating, Developing and Following up the Application of Maritime Legislations:**

- Follow up the plan for updating the regulations and instructions emanating from the passage of the law amending the law on maritime authority for the year 2008 , by which the sovereign tasks of the Ports Authority ,such as regulating the entry of ships to the territorial waters, issuing permits of no objection for the ship to depart the territorial waters, and regulating the activities of navigation in the territorial waters and the provision of radio communications in between ships and shore were transferred to JMA
- follow up the study on a project for revision of laws governing the maritime sector in the departments and other government institutions supervised by MoT regarding the re-distributions of tasks and powers of concerned parties taking into account the roles of MoT and JMA and to prevent interference between them
- Follow up updating of the maritime law no. (12) for the year 1972 under the title "The Jordanian Maritime Law" inline with with the international maritime developments and the technical standards and requirements stated in the related international maritime conventions ., the law draft was set by a competent commission including all stakeholders and and currently is reviewed by a specialized legal office with the advisory technical committee

- follow up the signing of memos of understanding for mutual recognitions of competency certificates for maritime training and maritime education between Jordan and the member states in the white list in accordance with rule (1/10) of the STCW Convention (1978) and its amendments Seventeen memorandum of understanding were signed, and procedures on memorandum of understanding with EU are underway .
- follow up agreements to mandate of international classifications societies to issue certificates to ships on behalf of the JMA in accordance with relevant international requirements to ensure compliance with these requirements. Till now, (10) agreement were signed with the Russian Classification entities (RS) , the American (ABS) , Japanese (NKK) , Greek (HELLENIC) , British (LR) , French (BV) , Norwegian (DNV) , German (GL) , Korean (KR) and Italian (RENA).
- Follow up the instructions and the requirements of the applications of the principles of safety to ships carrying the Jordanian flag .
- Follow up the Implementation of procedures and requirements of Standards of Training Certifications & Watchkeeping (STCW) in marine training , issuing certificates, work shifts .

### **Third: in the Field of Maritime Education and Training in Jordan:**

The Jordanian Maritime Authority continues taking all the Necessary procedures to develop and Stimulate the process of maritime education and training through the following:

1. Supervising the Jordan Academy for Maritime Studies activities by holding exams, Monitoring , and Issue certificates under the International Convention on Standards of Training and Certification for seafarers applicable instructions.
2. Include the project of preparing studies to encourage maritime education and training, and indicate the capabilities and opportunities to develop this important sector within the strategy of the maritime transport sector strategy for the year 2012-2014.
3. Promoting maritime education and training in all forums, seminars, meetings to encourage students to join marine academies .
4. Working on adapting the technical and legislative climate required for establishing academies and other educational institutions.

Setting the requirements for adaptation of maritime educational and training institutions, and their programs and curricula Study and evaluate the technical for approving the training programs and curricula of the Jordan Academy for Maritime Studies (JAMS) under the requirements of the international agreements for training standards, and issue certificates for workers in the sea according to (STCW) and its amendments Resuming the supervision on the maritime cadres appraisal through an institution and examination system to apply International Agreement on training standards, (STCW) certification and its amendments concerning assess the competency of masters, officers and marine engineers through its main and technical committees In 2011, the following maritime certificates were issued:

• Competency certificates	213
• Endorsement Certificates	55
• Watch-keeping certificates	34
• Medical Certificates	268
• Radio operator Certificates	32
• Seaman's Book	180
• A boat license inside regional waters	315
• A boat license inside regional waters	24

#### **Fourth: In the Field of Foreign Vessels Inspection, Following up the Jordanian Ships and Securing Navigation Safety:**

To meet the requirements of the international maritime agreements and the Mediterranean countries memorandum of understanding to maintain maritime safety ,maritime security and maritime environment , the maritime authority follows-up the ships that Carries the Jordanian flag and inspects the foreign ships that enter Aqaba port and the maritime vessels operating on the regional waters to make sure that they abide by the requirements of safety and maritime security under the international maritime agreements.

During the year 2012, the following items were accomplished, in this respect:

- Inspecting (334) ships.
- Preventing (17) ships from travel for correcting the technical violations that have an impact on the maritime safety.

- Following up (21) ships to insure completion of their required technical requirements.
- Inspect and control the maritime equipment operating at the regional waters from the various types of boats.
- Inspection and monitoring of vessels operating in the territorial waters of All types of boats total of (1202) boats.
- Enhance the cooperation with the Mediterranean countries through Memorandum of Understanding to ensure the monitoring on foreign ships in ports and exchange information concerning the ships with the memorandum's data center.

**Fifth: In the Field of Maritime Ships and Maritime Fleet Operating in the Regional waters:**

1. Follow up the project of conducting the studies required for boosting, encouraging and attracting ship's registration under the Jordanian flag within the strategy due to the importance of having a clear strategy and a road map for this vital field.
2. Work on attracting ships' registration under the Jordanian flag through the incentives, privileges and the following available capabilities which the maritime corporation is seeking to promote through taxes exemption on Owning ships and the income tax on On workers and customs fees on spare parts
  - Enlist Jordan within the white Paper of the International Maritime Organization for applying STCW 78 Convention and its amendments for the year 95.
  - Reduced registration fees if compared with the registration fees at the countries.
  - The Jordanian nationality is not a requirement to own a ship .
  - It is allowed to register the ship wherever it is and the ship presence in Aqaba is not a pre-condition.
  - Reduce mortgage fees on ships by (1%) out of debt value to become (1%) out of debt value provided that it will not exceed (5000) Jordanian dinar.
  - After the completion of the requested documents the registration procedures

will be efficiently finished .

- Approve the International Authority Classification System (IACS) accredited by the Maritime Organization to insure ships' safety.
- Boosting cooperation with the Memoranda of Understanding General Assembly of the Mediterranean countries to control foreign ships at the seaports and exchanging the information , concerning these ships, with the Memorandum Information Center.

**Ships and Other Vessels Registered Under the Flag of Jordan for the Year 2012:**

<b>Ships/Boats/Other</b>	<b>Number</b>
Ships	26
Boats	1202
Canoes/Yachts	400
Freight Containers	42
Tractor	3
Hunting boats	107
Tourist	40
Towing	5
Glass	98
Services	49
Water bicycle/skiing	346
Water paddle	64
Pollution combating	2
Researches	6
Control	5
Guidance	6
Small boats	29

#### **Sixth: In the Field of Enhancing the Workers' Affairs at sea, Organizing Maritime Services Activities and Granting Work Licenses at the Maritime Sector Activities**

The JMA accomplished the following:

- Following up the affairs of the Jordanian and foreign sailors working for the ships Carrying the Jordanian flag, and the ships that enter Aqaba port and settling and solving their entire obstacles and problems that confront them on those ships.



- Following up the rulings of the International Agreement on Training Measures, issuing certificates and shifts for the workers' at sea during the year 1978 and their amendments by making sure that all pilots and officers ,engineers on the ships that raise the Jordanian flag have the scientific competency and the proper certificates that qualify them to work on ships and the crew shift certificates , training courses and the required practical experience for issuing these certificates along with the private shift certificates. Therefore, the Jordanian maritime authority issues a statement acknowledging the national certificates issued by the agreement country members listed on the white table after an adequate study of the applicant file an making sure that the certificate is true and valid from the source by a special commission assigned for making sure that the international agreement provisions are following up training measures and to issue the certificates and shifts for sea workers in 1978 and their amendments.

#### The Companies That Practice Activities in the Maritime Transport Sector:

These activities include licensing and detecting the companies operating in the maritime transport sector under the directives issued by the maritime authority, in this respect, in Jordan inside and outside the perimeter of Aqaba Special Economic Zone. The number of the licensed companies, by the end of the year 2012, was (235) companies distributed as follows:

Maritime Maintenance	12
Maritime Maintenance +Ships Supply	4
Maritime surveys	17
Navigation Agents	51
Shipment Brokers Maritime	92
Navigation Agents + Shipment Brokers	8
Ships Management and recruitment	1
Passengers and freight transport	10
Health Services for ships	4
Ships Supply	25
Fueling Ships	1
Touristic Maritime Transport	9
Training and Educational Institutions	1
<b>Total</b>	<b>235</b>

**Seventh: Following up the Application of Marine Security Requirements on Ships and Seaports:**

- The procedures required for applying the requirements of maritime and ports security code are taken by following up the execution of the security plans for ports facility and ships raising the Jordanian flag.
- Follow-up updating information on the maritime security website at the international maritime organization and Modify the names of the of Ship-to-shore security alerts recipients and receiving information from the ship country flag under the requirements of the International Convention for the Safety of Life at Sea (SOLAS- Regulation X1-2/13.1.3) and the names of port facilities officers based on the information received from ports' corporation.

**Eighth: In the Field of Enhancing Communication with the International and Regional Maritime Organizations Activities and Applying the International Requirements on the Maritime Transport.**

- Complete the procedures of attending the International Treaty for Equilibrium waters.
- Form a commission to prepare for the voluntary Audit of the Jordanian maritime authority procedures and activities under the international maritime organization decisions and receiving a team from the international maritime organization to start conducting the experimental Audit to show the extent of completing the technical requirements by the maritime authority and their readiness to start the audition.
- Follow-up the Jordan joining the to protocol 1978 of the International Convention for the Safety of Life at Sea for the year 1974. This protocol includes a Set of protocol amendments for the Annexes to the convention and the entry requirements to improve the design and operation of oil tankers, ships and strengthen procedures for port state control on foreign ships .
- Continue following up the technical cooperation programs with the International Maritime Organization, the European Union and the Med-Euro transport project for getting benefit from the development of the human element performance in the maritime transport, maritime security and the safety of passenger ships.

- Follow up the modifications that occur on the international maritime Agreements and inserting them into the valid instructions and insure their application on the Jordanian ships and the foreign ships that enter Aqaba port. It is known that Jordan is a member signing (33) international maritime treaties, protocols and codes.
- Enhance cooperation and coordination with Arab and international entities and organizations To achieve the best maritime safety and security conditions and requirements for ships.

**Ninth: In the field of the human element development:**

1. Providing training opportunities through the annual training plans in cooperation with the technical cooperation section at the International Maritime Organization and the European Union through the Med-Euro transport project and the electronic government program of the Ministry of Communication and Information Technology.
2. The most important training programs executed during the year 2012, in cooperation with the International Organizations and Corporations especially the International Maritime Organization were as follows:
  - Ships' control systems at Vessel Traffic Services (VTS) seaports.
  - Stations for keeping ships' residuals at the seaport.
  - The international agreement on the compensation and responsibility for hazardous materials at sea.
  - Driving fast ships.
  - Ships Safe management code auditors.
  - Performance management and control at the flag country.
  - Djibouti Code of Conduct for facing maritime piracy. challenges
  - Maritime labor law.
  - The operations of ships' protection from piracy.
  - Tracking ships and the long-term identification.
  - Training the maritime transport working women.
  - Safety and maritime environment.
  - Hazardous commodities transport by sea.

- Executing the flag country requirements.
- Executing the international code requirements of safety management (ISM) on ships.
- Investigation on maritime accidents.
- The procedures of the international agreement on quality systems for maritime education and training (STCW).
- Executing the maritime security international code requirements (ISPS Code).
- Activating the maritime international agreement and the maritime international law.
- Executing the voluntary auditing plan.
- Multiple courses on the financial control and setting balance sheets, warehouses management and tenders.

#### **Tenth: In the Financial Field:**

The Jordanian Authority achieved distinguished financial results since it was established. Revenues increased by (3755000) three million, seven hundred and fifty five thousand dinar by 15/12/2012 i.e. approximately 122% of the estimated revenues for the year 2012 which equals (3060000) dinar where two million and seven hundred thousand were transferred to the treasury.

The following table shows the development of revenues and expenses from the year 2003 to 2012.

<b>Year</b>	<b>Revenues</b>
2003	30178
2004	227784
2005	741854
2006	813966
2007	804187
2008	849193
2009	3260120
2010	3333305
2011	4500000
2012	3755000

#### **Maritime Authority Current Major Projects and Future Plans**

Maritime transport sector development projects are detailed within the national strategy for transport sector development for the years 2012 -2014. Here are the most outstanding projects:

## 1. The Current Main Projects:

- Establishing the coastal station to perform Providing radio communications related to Global Maritime Distress and Safety Network between Ships and shore , boats and other maritime vessels at the regional waters for providing safety requirements , maritime environment and constructions conservation, accidents prevention. Building the station was relegated to a local company on 1/12/2012.The term of execution will be eight months as of the date of start.
- Issuing the Jordanian Maritime Law. This law is considered Cornerstone in developing the maritime sector and the legislative basis for this sector. The current law, the Maritime Trade Law, was issued in 1972.
- Setting for the voluntary Audit of the Jordanian Maritime Authority by the International Maritime Organization, making sure that the maritime procedures and reports comply with the international measures and requirements.
- Continue coordination with the Ministry of Justice for establishing a maritime cabinet in Aqaba to accelerate and facilitate settling maritime disputes and insure ships' non-delay in the port and preserve the reputation of Aqaba port as a safe and advanced port.

## 2. Future Main Plans and Projects:

### Future Vision

The Jordanian Maritime Authority is looking forward to reach the best international standards of Of regulating and organizing the maritime transport sector in Jordan including all of the transport means and human resources, taking into consideration preserving the maritime safety, maritime security, maritime environment protection and updating maritime legislations for promoting the competency of the sector and rendering the best services for users.

### Main Future Projects

- Conducting a study on the Means and feasibility to enhance the maritime education and training in Jordan and develop this important sector on a regional level in a form that attracts students of this field from the neighboring countries to study in Jordan.
- Conducting a study on developing, encouraging the registration of the ships under the Jordanian flag and showing the means and capabilities of developing this important sector.

### **Aqaba Railway Corporation (ARC):**

The competent entities in the Kingdom started building a railway connecting phosphate mining regions, at the south of the Kingdom, to Aqaba port. Work started in enforcing a part of Hijaz railway from Al Hassa mines to Batn Al Ghool station and constructing a new railway from Batn Al Ghool to Aqaba port on November 1972. The management of this line was relegated to an independent institution called (Aqaba Railway Corporation). In the year 1982, Al Wadi Al A'byad phosphate mines were connected by the railway at Al Hassa branching section with a length of (22 km). Thus, the total line is (292 km) long There is an intention to make the railway line reach the phosphate mine in Al-Sheediyah and the industrial compound, Valley 2 region, in Aqaba .

### **The Corporation Most Important Achievements in 2012**

1. During the year 2012, the Corporation transported (15280170 ) tons of phosphate. This represents 75% of the prescribed annual plan quantity as it was supposed to transport (2040000) million tons.

The following table explains the phosphate quantities transported by rail from Shediyah , Hassa and A'byad in 2012.

Description	Mines			Total
	Al Hassa	Al Sheediyah	Al A'byad	
Railways potential number	147	1100	0	1247
Trucks' potential number	4085	34415	0	38500
Loaded tons quantities	171570	1356600	0	1528170

2. Among the strategic objectives which the Corporation seeks to achieve was to execute the transport plan signed with the Jordanian Phosphate Company within the least time possible. The Corporation, in cooperation with the Ministry of Transport, set an Action plan for the Corporation for the years 2012 – 2014. This plan includes three major projects as follows:

2-1. Rails Renovation and Cleaning:

Year	Clean the line from sand/ km	Beams changed number	Rails changed number
2012	10	2500	600

2-2 . Movable Equipment Maintenance and Rehabilitation Project:

The year of 2012					
	Monthly maintenance	Three-month maintenance	Six-month maintenance	One-year maintenance	Two-year maintenance
Number	79	16	13	3	5

2-3 . Increase the efficiency of ARC employees and contribute to the local community

Holding 81 courses during the year 2012

3. Raising the trucks' readiness by conducting the monthly periodic maintenance for (31) trucks.

4. The following southern stations renovation was completed: Aqabat Hejaz, Batn Al Ghool, Haswah and Rum. Renovation included replacing the stations' cables and the internal and external wires beside the electrical circuits of the signals' systems.
5. The Corporation , within their strategy, is working on raising the competency of the employees and developing their capabilities by holding several courses at their training center to supply the railway sector with trained manpower. All the current and future training requirements needed for their workers were determined and reflected on an integral training plan divided into the following three main sections:
  - Management training aspects Technical Training aspects.
  - Training aspects on Information technology and computer.
6. Aqaba Railway Corporation, in cooperation with Hejaz Railway Corporation, under the custody of his Excellency, the Minister of Transport, held a conference under the motto: "Towards Railway Integrity and Competitively in the Middle East."

Ten Middle East countries and companies Specialized in railway affairs attended this conference which aimed at exchanging experiences among the sharing countries concerning the future of the railway network among the sharing countries through the projects that connect railway between the countries of the region. The conference was held as a result of the Jordanian interest in the Railway National Project which Jordan is seeking to Achieve . which contributes in promoting transport sector in Jordan and boost the economic mobility and trade activity in Jordan for making Jordan a promising center for business and attracting investments.



## Aqaba Railway Corporation Future Plans, Programs and Projects

1. The Project of Railway Renovation and Cleaning. The following table explains the procedures of this project.

Cleaning the line from sand/ km	Beams changed number	Rails changed number
10	2500	600

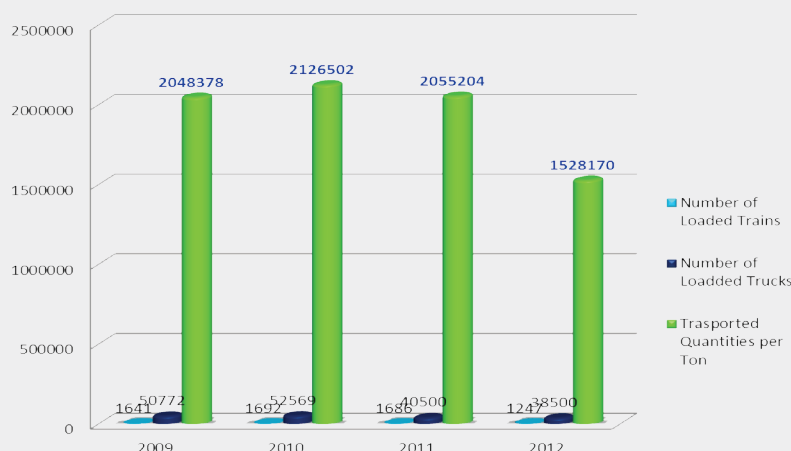
2. Movable Equipment Maintenance and Rehabilitation Project

The year of 2013					
	Monthly maintenance	Three-month maintenance	Six-month maintenance	One-year maintenance	Two-year maintenance
Number	58	10	6	2	4

3. Increase the efficiency of ARC employees and contribute to the local community
4. Holding 81 courses during the year 2013

## The railways, trucks' numbers and the quantities of phosphate transported from Al Sheediyah, Al Hassa and Al A'byad mines during (2009-2012).

Number of Tractors, Trucks and the quantities of Phosphate extracted from Alhasa, Alsheediyah and Alabyadh mines during the years(2009-2012)



Aqaba Railway Corptation Websaite : [www.arc.gov.jo](http://www.arc.gov.jo)

## **Land Transport Regulatory Commission (LTRC)**

### **Objectives:**

This corporation aims at organizing land transport, the services and control its own and encouraging investment in land transport in a manner that meets the objectives of the economic and social objectives.

### **The Commission duties :**

- Implementing the land general policy
- Meeting the demand for land transport services and provide them a good level and convenient cost
- Planning a land transport services network including and its facilities network and routes
- Drawing up and implementing the necessary plans for building and operating land transport facilities.
- Determining the locations of the land transport facilities in coordination with competent authorities, and managing supervising their services
- Coordination with the competent authorities in connection with planning constructions and maintenance of roads in the kingdom, and provide its recommendations in the respect to achieve the beneficiaries public interest.
- Drawing up and developing measures for land transport accidents in accordance with international standards and in coordination with the relevant authorities

### **The Commission main Achievements in 2012**

#### **First: Transporting Passengers**

##### **Passengers Transport Projects**

- Enhancing the infrastructure of bus terminals in the kingdom Project (departure and arrival centers) . This project aims at developing infrastructure and public transport services requirements thru the erection and re-habilitation of the departure and arrival centers.

The project is under construction in the following cities (Madaba, Jarash and Al Karak). Currently, the final diagrams are being under study for (Irbid, Tafeela , Albalqa' and Ajloon). Ajloon terminal tender was offered to execute . In

(Zarqa, Mafraq and Maan) , A formed committee was instructed to study the suitability of the land that has been recommended by Zarqa Municipality , and the consultant was Instructed to start the operational designs in Ma'an and Mafraq.

- The Project of Revising Legislations of Land transport sector. This project aims at establishing the frame of an efficient and sustainable work for the land transport. The year 2012 achievements were as follows:
  1. Issuing and preparing a number of regulating legislations :
    - Land Transport Organization Corporation Law, a permanent law.
    - The amended system of licensing companies and renting cars.
    - The instructions on buses registration and use, privately.
    - The instructions of organizing public transport services between the Kingdom and other countries.
    - The instructions and conditions on granting licenses and permissions to taxicab offices and the cars operated under their management.
  2. The Insurance Corporation was addressed for Revising Public Vehicles Insurance Legislations.
- Preparing the Second Stage of the Public Transport Services Master Plan: This project aims at the application of the first stage outputs to one of the Jordanian governorates and setting a new tariff system and the optimal policies for supporting the transport fees. A copulation workshop with the competent consulting company was held. The paperwork concerning passengers' information was delivered. Setting the database required for accomplishing the first database was finished.
- Projects of Developing ,Applying and Operating the Smart Transport Systems at the Public Transport Sector:

This project aims at enhancing the quality of the rendered transport services and applying an integral and flexible system for paying their fees. This system aims at providing an integral and smart system for fees payment at the public transport modes of transport for achieving the objective of erecting a Clearance House for collecting and distributing these fees on the operators. Moreover, the project shall provide an incessant control on the transport modes of transport to know the extent of abidance by the required service level through installing the follow-up devices in the transport modes and having a control room connected to these devices.

This project facilitates the process of supporting fees for formal universities students and other categories such as those individuals with special needs. This project shall be executed a stage by stage to include the operators of the formal universities lines and then the rest of the transport lines. The tender reference conditions were set. The project tender will be relegated with new conditions next year, 2013.

- Public Transport Buses Updating Project:

This project aims at providing a highly effective and reliable public transport service, reducing the traffic accidents ratio and the fumes emissions because of old vehicles exhausts and environment conservation. (229) two hundred and twenty nine (large medium) buses out of 437 were crossed out and replaced.

- The Project of Updating the Transport Modes Registered Privately:

This project aims at encouraging passengers' public transport modes owners and operators working for the sector to replace and move to other models with a less cost and sharing in environment conservation beside the reduction of the operational cost. This will be positively reflected on the transport sector in the Kingdom , improving their level , reducing traffic accidents rate and environment pollution caused by old vehicles exhausts along with updating the passengers' public transport fleet where (233) two hundred and thirty two (large/ medium) buses out of 447 were crossed out and replaced.

- The project of Establishing an Entity Within Land Transport Regulatory Commission (LTRC) to Undertake Following up ,Control and Apply Land Transport Policies and Supply Them with Competent Human Cadres for application and Finding their Legal Frame.

This project aims at finding out an effective and sustainable institutional work frame for the land transport services, improving them and promoting their operational competency. Since no allowances were assigned for this project in the year 2012 budget, it is sufficient to reframe the directorates of transporting commodities on roads for finding a nucleus for this entity, represented in a section interested in policies, within the directorate of transporting commodities. Currently, work is being run on this reframing. The concerned directorates (the directorate of commodities transport and passengers' transport) were asked to set a study on the internationally adopted models concerning control on the land transport modes. The organizational structure draft was made ready and submitted the planning commission for making decisions and comments by the planning commission on the proposals. They are working on accomplishing these comments.

- Advanced Training for Specialized Cadres of Land Transport Rehabilitation.

This project aims at promoting the competency of the transport sector workers. Training requirements forms were distributed on the directorates and units to confine all employees training requirements and inserting them in the training plan of the year 2012 where 100 employees were sent for attending specialized training courses.

- The Project of Studying the Measuring Satisfaction on Public Transport Services.

This project aims at improving the quality of the rendered land transport services up to the proper level and raising the operational competency of public safety.

The Commission prepared a survey study on the satisfaction of passengers' public transport service recipients for the year 2011- 2012 through one of the surveys conducted by specialized companies. The satisfaction rate of using public transport reached (76%). On the governorates level, results showed that the highest satisfaction rate was at Balqa governorate by (61%) and the lowest was in M'aan by (42%).

- **Granting Incentives and Supporting Land Transport Sector**

The project aims at boosting the economic development, going ahead with the infrastructures projects and promoting investment in the land transport.

The project is based on expanding the structure of the presidency decision no. (407) dated 8/1/2008, the reduction of the sales public tax therein and granting tax exemptions for the following categories:

- Tourist transport buses.
- Lease buses.
- Buses registered in the names of schools and buses for transporting students including public transport in the investment promotion law.

The decision is being studied at the Prime Ministry (Cabinet). The public tax on size 16 inches and above tires was reduced to become (4%) under the presidency decision and applying the students' fees support at the following formal universities: Science and Technology University, the Hashimiyah University and Al Hussain University.

- **The Project of Covering the Demand on Taxi Services**

The project aims at meeting the demand on the land transport services. The systematic instructions were issued and the investment gate was opened in the field of tendering taxi services by signing two operational contracts with the private sector by 50 cars per office.

## **Second: Freight Transport on Roads:**

Forming a commission composed of all the concerned in both sectors: Public and private for checking the legislations related to freight transport in the transport market, the responsibilities and relations among the parties of the transport process. The commission concluded several important and vital subjects. The commission is handling these subjects by amending the interim law number (28) for the year 2001 and amending the freight transport on roads act number (21) for the year 2006 beside setting drafts for a licensing system, classifying carriers and shipping brokers and the system of organizing the services of the freight transport on roads facilities.

For clearly organizing Trucks' Land Transport Sector and handling this sector renovations, the Land Transport Regulatory Commission issued a new system for carriers and shipping brokers under the law of commodities transport on roads no. 21 for the year 2006 and the amendments thereon. The new system aims at setting a legislative framework for licensing the carriers to practice the actions of the medium transport by shipping vehicles with a total weight of less than (21) tons unhandled by the old system. It also gives the commission the legal framework to organize this sector. The new system handled the operations of carriers and shipping brokers' classification. These operations will work on adapting carriers and shipping brokers before the two sectors: public and private for their being able to implement transport operations under their transport capabilities. This will assist the stability of the transport fees within a fair competition. Carriers were classified into four categories whereas shipping brokers were divided into three categories. Moreover, the system handled the leased shipping vehicles under the financial lease law beside organizing transport market entry by issuing the required permissions for shipping vehicles under the regulations issued by the commission for this purpose. Besides, the system gave the commission the authority to organize the operations of licensing the companies to practice commodities heavy transport operations.

This will give sufficient flexibility to the operations of licensing companies including shipping vehicles' owners , individuals beside granting the Land Transport Regulatory Commission authorities to issue the regulations for organizing the work of the shipping vehicles owners , individuals and the procedures of transporting commodities from the commodities unloading and loading centers and vice versa. This will grant the legal legislative framework to organize the relation between the shipping vehicles owners, individuals with the companies and to guarantee their rights and taking the legal procedures against violators.

## Commodities Transport on Roads

### **1. An Electronic System for Organizing the Trucks Entry and Exit from and to the Joint Syrian and Jordanian Free Zone**

The project aims at boosting the economic development and going ahead with the infrastructure projects to enhance the quality of the rendered services and raise the operational competency by activating the uses of information technology at the land transport sector. The referential conditions were set to be submitted to get benefitted from the European grant program for setting the study. Preparation is conducted at Municipalities Ministries for submitting the roads organizational plan to the Organization Higher Council to obtain the final approval on the plan. Financing is requested for building the infrastructure to service the yard through the 2013 commission budget. Financial allowances availability to accomplish the roads network, which serves the yard, was unaffordable in 2012.

### **2. Supporting Loading and Unloading Infrastructure Development Between the two Borders: the Jordanian and the Iraqi (Al Haq Yard)**

The project aims at boosting the economic development by enhancing the quality of land transport services, developing infrastructure, promoting their operational competency and then providing the project with 90 thousand dinar as a governmental support. It is noteworthy to know that in the meeting between the two parties, the Jordanian and the Iraqi, it was proposed to make a free zone between the two countries.

### **3. Vast Awareness Campaign on Safety Subject and Educating the Sector Employees as a Preliminary Step for taking the Required Procedures and the Safety Measures Application on Roads.**

The project aims at finding out an effective institutional and sustainable work for the land transport services by promoting the competency of the sector workers by the public safety requirements and measures on roads and then holding meetings with the concerned entities to approve the campaigns subjects which were confined on safety. Priorities for these 2013 campaigns were identified within the following subjects:



hazardous materials transport and markets licenses categories. A commission was formed to study the subject of licenses categories. The campaign subject was identified as markets licenses categories and launching information campaigns through the known methods such as a campaign titled “The Effect of Fatigue on buses and trucks drivers on 24/01/2012.”

**LTRC Website: [www.ltrc.gov.jo](http://www.ltrc.gov.jo)**

## **Civil Aviation Regulatory Commission (CARC)**

The Civil Aviation Regulatory Commission was established on 1/8/2007, in accordance with the Civil Aviation Law no. (41) Of the year 2007. The Commission work is limited to the organizational aspects but the operational aspects are conducted by the Jordanian Airports Company.

### **The Aviation Commission Most Important Achievements in 2012:**

The Civil Aviation Regulatory Commission executed a lot of projects, activities and programs that assisted in the growth of the Civil Aviation Sector and air transport which will make Jordan a regional center for civil aviation and air transport and reflected positively on the growth of air mobility rates and the level of the rendered services, such as:

1. Holding three agreements concerning air services to free the direct air transport between Jordan ,Ukraine ,Brazil and Uruguay. This will make the number of such treaties reach (33) for executing the open air policy on a mutual basis and this will realize the benefit the Jordanian air,operate the Jordanian airports and increase aviation mobility rates.
2. Establish a directorate for civilian Aviation regulations.
3. Going ahead with controlling and organizing all various aviation sectors: Airlines companies, maintenance, aviation training centers, aviation and factories clubs and opening the gate for granting licenses for Airlines Companies where the number of these companies goes up to 6: regular and irregular. Four companies are now being re-licensed and one is being licensed and three licensing applications.
4. Going on developing and updating air navigation services system, raising their efficiency by using a modern technology system. This insures security, safety and efficacy of the Jordanian aviation for keeping up with the international development and creating competitive atmospheres on the region and the world level.
5. Going on setting the technical descriptions and establishing a bank for civil aviation and air transport. This will boost the Corporation organizational and

controlling role.

6. Going on developing the programs of controlling noise levels and planes' emissions in coordination with airports' operators and the related governmental corporations.
7. Going on growing and developing the Civil Aviation Regulatory Commission workers' auto-capabilities ,boosting and raising the specialized knowledge level and making them sustainable. 363 employees were trained through 131 training courses.
8. Air transport mobility in the Jordanian airports during the year 2012 witnessed a growth of 5.8% compared to the year 2011 and a growth ratio of 12.3% for the same period in the numbers of passengers: arrivals and departures.
9. Investment volume in the civil aviation sector and air transport reached about 780 million dinar by the end of the year 2012. Investment value is expected to increase in 2013 if some advanced companies completed licensing procedures and the expenses of the International Airport Group Company on the project of the Queen Alia International Airport Expansion and Rehabilitation will increase.

#### **The Commission Projects and Plans for the Incoming Years:**

- Holding more agreements with the targetted countries to free air transportation on a mutual basis.
- Develop the legislations of civil aviation to keep up with the European aviation legislations.
- Complete the program of licensing the Jordanian airports.
- Going on developing a program for controlling the noise level and the planes emissions in coordination with the airports operators and the related governmental corporations.
- Issuing the instructions of consumer protection and the passengers with special needs.
- Working on making the commission as a house of experience in the field of civil aviation in cooperation with the related international entities.
- Build the institutional capacities, boosting and raising the level of knowledge

and making them sustainable for the corporation employees at the civil aviation sector components.

- Procure advanced instruments and systems for the air aviation services.
- Provide, develop and update the instruments, systems, programs and computer networks.
- Complete establishing and developing an information bank for the air transport sector.
- Granting licenses for new aviation companies, upon the market demand.
- Making Jordan a regional center for aviation training.

**CARC Website:** [www.carc.gov.jo](http://www.carc.gov.jo)

### **Jordan-Hejaz Railway Corporation (JHR)**

Jordan-Hejaz Railway Corporation (JHR) was established pursuant to Act no.23 for the year 1952 and assigned the mission of investing the railway property at the Hashemite Kingdom of Jordan lands at the Syrian- Jordanian borders from the south. Along this line, the following stations spread out:

Al Mafraq, Al Khirba Al Samra, Al Zarqa, Amman, Alqasr, Allibban, Aljeezah, Dhab'a, Khanazzabeeb, Swaqa, Qatraneh, Al Manzil

The network operated by the corporation is 217 km long. The corporation transports passengers between Amman and Damascus, and goods, upon request.

## The Corporation Most Important Achievements in 2012

1. Raise the percentage annual investment revenues which the corporation draws from the companies that exploit the Jordanian Hejaz railway lands and property.
2. Re-study of all old contracts and agreements held between the corporation, the companies and citizens who invest Jordanian Hejaz railway Corporation property.
3. Rebuild, process and operate the steam locomotive no. 61 and the steam locomotive no. 71 in a standard time by the efforts of the Corporation workers and technicians.
4. Rebuild the passengers' carriage no. (431).
5. Re-maintain and process the sections and crossings of roads outlets and the railway line.
6. Supervise Deesi waters line extensions which intersects with the railway line.
7. Raise the collection ratio of the debts accrued on the railway property lessees.
8. Coordinate and hold an agreement with the Ministry of Education to approve the train trip to be inserted within the school activities to be implemented in the study plan of each school.
9. Increase the numbers of the school trips after getting the Ministry of Education approval.
10. The numbers of the 2012 family trips increased.
11. Treating the line and the infrastructure avalanches and landslides.
12. Dump the holes inside the line perimeter resulted by searching for buried golden items.
13. Make new intercrossing in Al Hashimiyah and Jwaidah.
14. Maintain the line readiness.
15. Automate all of the Corporation directorates.
16. Develop the corporation website to become a governmental website showing the corporation investments and the tourist aspect of their achievement. This website is under execution currently.

17. Collect general information on the corporation, their history and the rendered services by Hejaz Railway plus the Corporation stations and downloading them on the corporation page on the electronic government website and on the Ministry of Transport website.
18. Activate the corporation page on the government performance evaluation website and insert all the data concerning the three projects of the corporation.
19. Supervise and assist in holding several courses for the corporation employees including ADSL and Electronic Archiving.
20. Connecting the corporation with the Ministry of Transport complaints and proposals.
21. Connecting the corporation with the Ministry of Transport e-Learning Management System.
22. Sharing in several courses held by the corporation with several governmental institutions such as the University of Jordan and some of private companies.

**Future Plans, Programs and Projects:**

1. Rebuild the steam locomotive no. 52.
2. Renovate the passengers' carriage no. 6.
3. Complete the project of the remaining southern stations land survey and issue registration documents for lands and stations.
4. Complete any comprehensive coordination with Tourism Regulatory Commission to start the internal and external program for increasing visitors and the users of the Hejaz Railway.
5. Complete the technical readiness to start the subject of transporting cement from the south to the west and vice versa. In the near future, cement will be transported to the Syrian Arab Republic at the political stability therein.

The Mobility of Tourist & School Passengers & Trains  
Volumes (2009-2012)



### Passengers and freight transport mobility by railway during the period (2009-2012)

(Description)		2009	2010	2011	2012
(ton/km)		----	3920	-----	
Passenger /km/Domestic		854470	854470	700364	1026280
Passenger /km/International		-----	478653	-----	-----
Train	School tips	196	160	66	91
Passenger		22986	34064	10834	14565
Train	Tourist trips	32	16	4	4
Passenger		905	244	157	530
Train	(Amman – Damascus)	-----	32	---	
Passenger		----	5387	-----	

JHR Website :[www.jhr.gov.jo](http://www.jhr.gov.jo)

## **Jordan Meteorological Department ( JOMETEO)**

The Jordan Meteorology Department was established, as an office for observation and weather forecast at Jerusalem Airport, in 1951 where the number of the weather observation stations, at that time, was limited and their missions were no more than issuing the weather forecast, weather predictions and, sometimes, weather information. Then the extensive operations in building stations and using the most modern instruments continued until meteorology became in the form we see today. Today, meteorology enters a lot of basic citizen life aspects. The role of meteorology is not limited to issuing weather forecast only but it also renders various services in the fields of aviation, agriculture, climate and construction.

In 1967, under the regulation no.19, meteorology became an independent department connected to the Ministry of Transport. This department joined the International Meteorology membership in 1955, represented by all the commissions related to this organization.

Meteorology is a member of the subsidiary commission of meteorology related to the Arab League of Communication Permanent Commission since 1955. In the year 1972, this commission was called The Arab Permanent Commission for Meteorology.

### **Objectives**

1. Share in raising the standard of the transport sector infrastructure and sustainability- waters, energy, tourism, environment protection by rendering precise and highly credible information.
2. Participate in their social role.

### **The Most Important Achievements in 2012**

1. Follow up the issuance of weather bulletins and alerts required for all sectors of those who get benefit from the weather information.
2. Accomplish 70% of quality management system project at the department.
3. Follow up the execution of a plan including the instruments maintenance operations and the maintenance of meteorology buildings and stations where seven buildings maintenance were accomplished.
4. Follow up the accomplishment of the legislations modifications project which organize the department work and forwarding them to the Legislation and Consultation Department (Divan), the Meteorology system and the Training Center System for observation and weather forecast.



5. Follow up the execution of a training plan for the department technicians and managers. Ten employees attended workshops and courses abroad and thirty five employees attended courses inside Jordan.
6. Finishing the execution of the required instruments tenders as stated in the department budget.
7. Finishing the tender of buying (9) Meteorological stations offered by the Japanese Agency for International Cooperation for 87380 dinar.

#### **Future Plans, Programs and Project of the Meteorology Department:**

**First:** Continue developing the services rendered by the Meteorology Department through the following programs:

1. The program of weather control and early warning through the execution of the following:
  - a. Getting weather radar (Doppler radar) for Meteorology purposes.
  - b. Working on automating the Meteorology stations by having 25 automatic Meteorology stations.
2. The program for building the Meteorology abilities and raising the infrastructure level through the execution of the following:
  - a. Going ahead with the department manpower rehabilitation and training in scientific, technical and administrative fields.
  - b. Having the modern technology, knowledge and quality management to keep up with the international organizations requirements.

**Secondly:** Working on boosting the institutional performance and having the required legislative structure through the Legal Legislations Program accomplished by updating the Meteorology Department Legislations.

**Thirdly:** Work on automating the Department Center and the weather forecasts National Center.

**Fourthly:** Revive the artificial rain project.

**Fifth:** Marketing the department products to all benefitters and promoting the role of the department in the field of information.

**Meteorology Department Website:** [www.jmd.gov.jo](http://www.jmd.gov.jo)

## Second : Joint Transport Company

### The Jordanian-Syrian Land Transport Company

This company was established in 1975 with a capital of (8) million Jordanian dinars divided equally between the governments of the Hashemite Kingdom of Jordan and the Syrian Arab Republic and it enjoys the legal and moral personality, financial and administrative independence. It is a governmental company with a limited responsibility.

#### The Company Fleet:

The company fleet consists of (209) trucks for transporting all types of goods including sweets, divided as follows:

- (49) Tractors (MAN) and semi- trailers model 1997.
- (100) Tractors (MAN) and semi- trailers model 2003.
- (60) Tractors (Mercedes) and semi- trailers, model 2005.

#### Transport Lines Operated by the Company

The company transports goods and materials through a network of international roads, common between Jordan, Syria and Lebanon. We list here the most important operation routes on which the company operates:

- Transport from Aqaba port to all the Jordanian regions, to Syria and/ or Lebanon.
- Transport inside the Syrian lands.
- Transport from Jordan to Syria, Lebanon and vice versa.
- Transport from the Syrian ports and the Syrian governorates to Jordan.

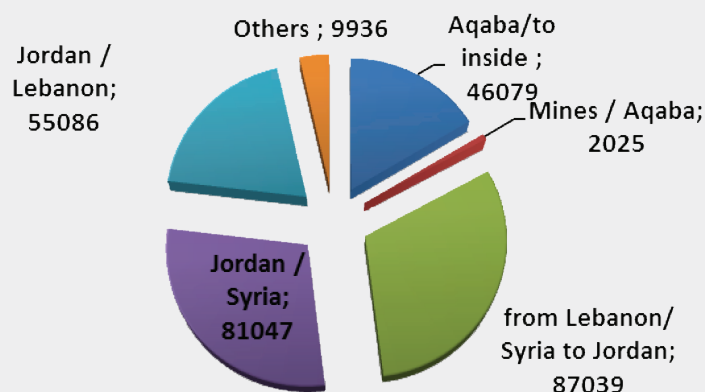
**The quantities of commodities transported by the company trucks (per ton) during 2008 – 2012:**

Description	2008	2009	2010	2011	2012
Al Aqaba/ to inside	184253	63177	21590	5402	46079
Al Manajem/ Al Aqaba	200483	50347	12363	-	2025
From Lebanon/ Syria to Jordan	149546	195028	185339	149023	87039

Jordan/Syria	121537	92286	43910	130421	81047
Jordan/Lebanon	40402	36341	58383	43318	55086
Others	-	-	-	-	9936
Total	696221	437179	321585	328164	281212

The following table shows the quantities of commodities transported by the Company trucks (per ton) during the period 2007 – 2012:

The Quantities of Transported Cargo by the Syrian/Jordanian Company fleet (in tons) during 2012



Company Website: [josyco@josyco.com.jo](mailto:josyco@josyco.com.jo)

### Arab Bridge Maritime Company (ABM)

Arab Bridge Maritime Company came as a result of the distinguished agreement between the Hashemite Kingdom of Jordan, Egypt Arab Republic and the Republic of Iraq. This company was established in 1985 with a paid capital of (6) million US dollars divided equally among these three countries. This capital became 75 million dollars by the year 2010.

Due to the strategic location of both Aqaba and Nweibi' and their being the main gates connecting the Arab countries between Asia and Africa, this company was a remarkable tool for trade and passengers' mobility promotion among the Arab countries. This company reduced the transport cost and shared in trade promotion and facilitated the individuals' mobility between Arab countries.

### **The Company Outstanding Achievements in 2012**

1. Continue executing the strategy of updating the Company fleet through discharging the ship "Black Iris" from duty and buying the new ship "Sinaa", the most modern ship in the Red Sea in the field of trucks' transport, built in 1995 and can accommodate (60) trucks at a speed of 17 knots/hour. This ship is furnished with the most modern international safety requirements. It will start service in May 2013. This ship is considered a quality addition to the service and it will share in limiting lease cost of the shipping vessels and the Arab- Arab inter- trade development by increasing the capacity of transporting trucks and accelerating the trucks' round trips.
2. Increase the company operations' revenues in 2012 by 9% compared to 2011.
3. Reduce the operational costs of the company fleet in the year 2012 by 5% compared to 2011.
4. Achieve a net profit of (17.6) million dollars in the year 2012 with an increase of (140%) compared with the profits of the year 2011.
5. Increase the capital of the company to become (100) million dollars to increase the capacity of the company expansion and future investments.

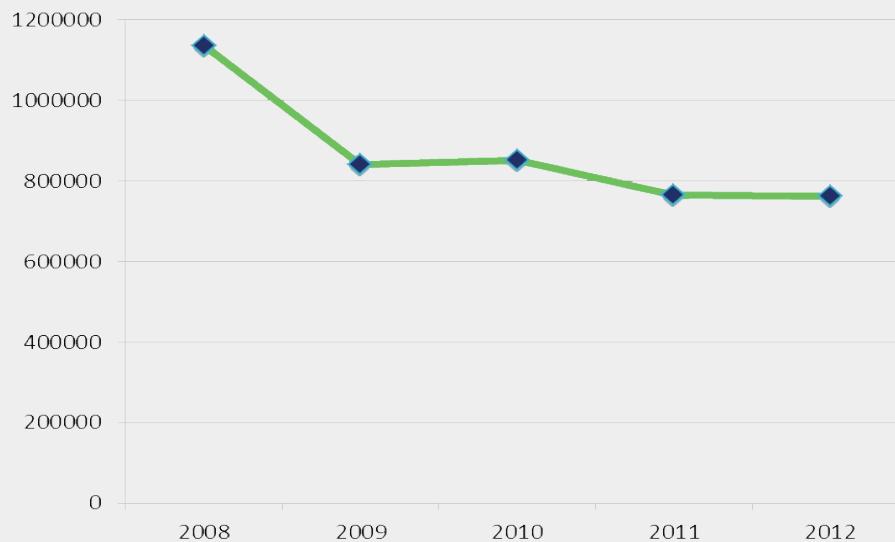
### **The Future Plans, programs and Projects:**

1. The company is studying a joint venture project to own, manage and operate "Marina" tourist ship in Egypt Arab Republic. This project is strategically important in addition to the quality of the Arab Bridge as for the revenues increase and boosting the specialized tourist transport service and opening new horizons for expansion in the company future actions in a way that insures the sustainability of the company actions and their income resources variations.

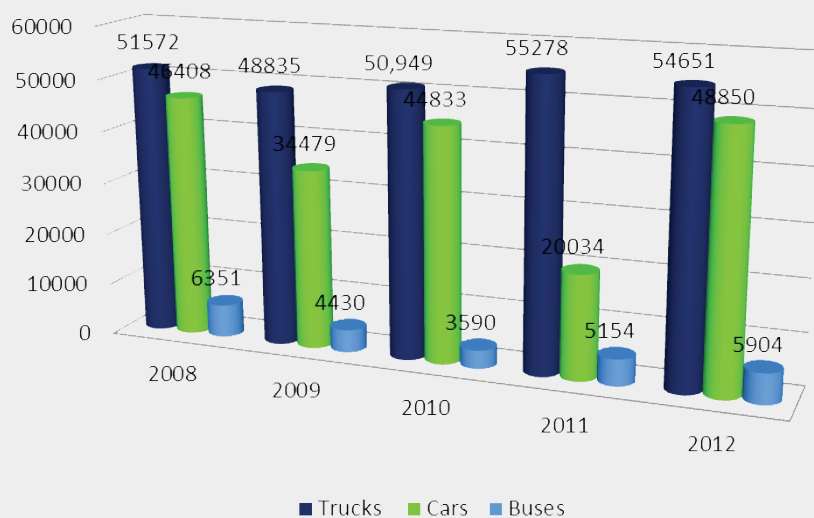
2. Buying a new tourist boat for increasing the comprehensive capacity of the specialized tourist transport service on Aqaba-Taba line.
3. Building a compound for travelers and vehicles in Aqaba city to improve the service rendered to the company customers especially in the summit seasons.
4. The company is studying the feasibility of operating new navigation lines in the Arab Gulf Region and the Red Sea. The operating decision will be based on the results of this study.
5. Develop the IT system in the company to become similar to the systems applied in the regular airlines companies for shipping commodities so that the company customers can book their tickets and pay the value of these tickets online passengers and commodities to travel on the Arab Bridge fleet from any location in the world.
6. Coordinate with other concerned bodies to accelerate the infrastructure development in Nwaibi' and Aqaba. This, in turn, will be reflected on enhancing the services rendered to the Company customers at the ports where the company incessantly coordinates and supports the development projects.

Description	2008	2009	2010	2011	2012
<b>Travelers</b>	1137085	841261	850556	766531	761613
<b>Trucks</b>	51572	48835	50,949	55278	54651
<b>Cars</b>	46408	34479	44833	20034	48850
<b>Buses</b>	6351	4430	3590	5154	5904
<b>No. of trips</b>	3363	2638	2783	3161	3243

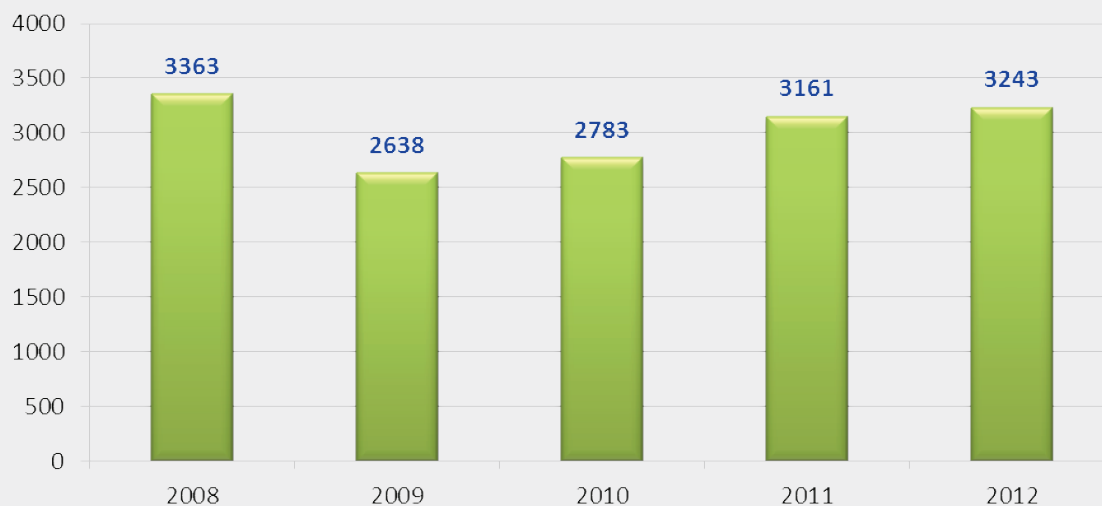
Number of Passengers Transported on the Vessels of Arab Bridge Company during the period (2008-2012)



Number of Vehicles Transported on the Vessels of Arab Bridge Company During the Period (2008-2012)



### Number of the Trips of the Arab Bridge Company Vessel During the Period (2008-2012)



Company Website: [www.abmaritime.com.jo](http://www.abmaritime.com.jo)

