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Ministry of Public Works  
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# Concept Note

## Lebanon National Workshop on the Agreement concerning the International Carriage of Dangerous Goods by Road (ADR)



**Gefinor Rotana Hotel**  
**Beirut, 15 – 18 January 2019**



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## 1. Background

The Ministers responsible for Transport of the Union for the Mediterranean (UfM) have agreed on the importance of Euro-Mediterranean transport cooperation founded on two complementary pillars: (i) regulatory reform and convergence in all relevant different transport sectors (maritime, civil aviation, road, railway and urban transport); and (ii) establishment of the future Trans-Mediterranean Transport Network (TMN-T), to be connected with the Trans-European Transport Network (TEN-T). To this end, two Regional Transport Action Plans (RTAPs) have been elaborated by the Euro-Mediterranean Transport Forum for the Mediterranean Region, the first RTAP concerning 2007-2013 and the new one for the period 2014-2020.

In order to complement the work of the EuroMed Transport programme in the land transport sector and assist the implementation of the RTAPs, the European Union has launched two EuroMed Regional Transport Projects:

- The “Road, Rail and Urban Transport” (EuroMed RRU) that lasted 5 years (2012-2016), aimed at supporting the implementation of the Trans Mediterranean Transport Network (TMT-N) by developing appropriate regulatory framework and operational conditions to facilitate cross-border transport, to enhance land transport safety and to promote sustainable and efficient urban transport.
- The new one, “EuroMed Transport Support Project”, started in January 2017 and will last 4 years, aiming to increase the sustainability and performance of transport operations in the Mediterranean region through increased safety in transport operations; increased efficiency / lower costs of transport; lower environmental impact of transport, thus contributing to regional economic integration, economic well-being and job creation. The project covers Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, State of Palestine and Tunisia.

Action 9 of the 2014-2020 RTAP for the Mediterranean Region calls upon the EuroMed Partner countries adhere to and effectively implement the main United Nations road transport Agreements and Conventions. Except for Morocco and Tunisia, that are Contracting Parties to most of the main UNECE Road Transport Agreements, other EuroMed countries have not yet adhered to many of them and are not benefiting from their provisions. Lebanon is among them, having acceded to only two of the main UN road transport legal instruments (see the table below). Moreover, Lebanon did not benefit from the TA efforts made by the EuroMed RRU project during the years 2012-2016 through provision of TA, organization of awareness raising and training events, analytical work and study tours on these agreements.





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## Accession of EuroMed countries to UN Main Road Transport Agreements 1st November 2018

No	UNECE International Conventions and Agreements (EuroMed Project beneficiary countries)	Algeria	Egypt	Israel	Jordan	Lebanon	Libya	Morocco	Palestine	Syria	Tunisia
1	Convention on Road Traffic, of 1968			✓				✓			✓
2	Convention on Road Signs and Signals, of 1968							✓			✓
3	European Agreement concerning the Work of Crews of Vehicles engaged in International Road Traffic (AETR), of 1970										
4	Convention on the Contract for the International Carriage of Goods by Road (CMR), of 1956				✓	✓		✓		✓	✓
5	The Customs Convention on the International Transport of Goods under Cover of TIR Carnets, of 1975 (TIR Convention)	✓		✓	✓	✓		✓	✓	✓	✓
6	International Convention on the Harmonization of Frontier Controls of Goods, Geneva, of 1982 (Harmonization Convention)				✓			✓			✓
7	The Customs Convention on the Temporary Importation of Private Road Vehicles, of 1954	✓	✓	✓	✓			✓		✓	✓
8	The Customs Convention on the Temporary Importation of Commercial Road Vehicles, of 1956	✓									
9	European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), of 1957							✓			✓
10	Agreement on the International Carriage of Perishable Foodstuffs and on the Special Equipment to be Used for such Carriage (ATP), of 1970							✓			✓
11	Agreement concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions, of 1958		✓								✓
12	Agreement concerning the Establishing of Global Technical Regulations for Wheeled Vehicles, Equipment and Parts which can be fitted and/or be used on Wheeled Vehicles, of 1998										✓
13	Agreement concerning the adoption of uniform conditions for periodical technical inspections of wheeled vehicles and the reciprocal recognition of such inspections, of 1997										

During a formulation mission in Beirut, held from 24 to 26 January 2017, aimed at identifying the priority activities under the ETSP of interest to Lebanon which the project may develop, it was agreed, inter alia, that technical assistance to accede to the ADR would be among the priority activities for Lebanon.

Activity 1A.2.3(a) consists of the organization of a four-day national workshop on the ADR and TA to Lebanon, tentatively scheduled to take place in Beirut on 15 – 18 January 2019, aimed at presenting the main provisions and benefits of the ADR Agreement and promoting Lebanon accession to it.

This demand driven activity, based on the priorities identified in the RTAP 2014-2020, is regarded as a natural continuation of the Awareness Raising Workshop on Main UN Road Transport Agreements administered by the UNECE which was held in Beirut in May 2017 under the EuroMed TSP, that together with other dedicated national workshops and activities relating to AETR, ATP, Vehicle Regulations and Intelligent Transport Systems (ITS), already implemented, planned or ongoing, would provide the officials at the Ministries, the state companies and the private sector involved, the necessary technical backstopping and information on the accession and practical implementation and monitoring of these Agreements and practices.



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## 2. Objectives of the event

The general objective of the proposed activity is to support the accession of Lebanon to the ADR and to assist Lebanon to effectively implement it.

The specific objective is to provide necessary technical assistance and institutional capacity building to competent authorities to adopt national legislation to the provisions and practices provided in the ADR Agreement and effectively implement them in their national and international road transport operations. More precisely, the event will offer the opportunity for:

- Present the importance of the ADR (Objectives-key provisions-benefits)
- Highlight the importance of adherence to the ADR convention to improve road safety and facilitate international road transport of dangerous goods in Lebanon and in the region.
- Strengthen the capacities of key stakeholders to ADR provisions
- Provide and transfer additional knowledge and skills for Lebanon to undertake accession to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR);
- Offer guidelines for Lebanon to setup or nominate an institution/authority responsible for ensuring, in compliance with internationally recognized standards, qualitative delivery of professional 'Transport of Dangerous good by road - ADR training' and organization of examination.
- Raise awareness to a core group of national experts on key ADR provisions with references and guidelines on how transport of dangerous goods shall be managed and conducted. This will include:
  1. Transport of Dangerous goods and risks
  2. Transport of Dangerous goods and International Conventions (AIR, SEA, ROAD, RAIL)
  3. Structure of the ADR Convention
  4. Actors involved in the transport of Dangerous Goods and responsibilities (Manager, Loader, Driver, Safety Adviser)
  5. Classes of Dangerous goods, restrictions and mixed loads
  6. Vehicle requirements
  7. Packaging
  8. Transport Documents
  9. Vehicle Marking
  10. Transport in tanks
  11. Safety Provisions and Fire Fighting (theory and practical demonstration)
  12. Safe Cargo Loading and Securing (theory and practical demonstration)

## 3. The ADR Agreement

With today's increasing awareness of safety, security and environmental challenges, road



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transport operators and drivers must comply with existing and anticipated regulations and be familiar with the latest technologies and standards that address these key issues.

Dangerous goods are articles and substances, which are classified as either prohibited or allowed for transport only under certain circumstances according to specific regulations. The term 'dangerous goods' is not a term used only for those substances posing danger (chemical agents, gas, acid, etc.). It covers articles with specific characteristics inherent to the nature of the goods, which, when transported, will fall under one specific category:

ADR Agreement classification	
 <b>Class 1</b> : Explosive substances and articles	 <b>Class 5.1</b> : Oxidizing substances
 <b>Class 2</b> : Gases	 <b>Class 5.2</b> : Organic peroxides
 <b>Class 3</b> : Flammable liquids	 <b>Class 6.1</b> : Toxic substances
 <b>Class 4.1</b> : Flammable solids, self-reactive substances and solid desensitized explosives	 <b>Class 6.2</b> : Infectious substances
 <b>Class 4.2</b> : Substances liable to spontaneous combustion	 <b>Class 7</b> : Radioactive material
 <b>Class 4.3</b> : Substances which, in contact with water, emit flammable gases	 <b>Class 8</b> : Corrosive substances
	 <b>Class 9</b> : Miscellaneous dangerous substances and articles

Humans, the environment and economies run the risk of being harmed due to the various types of dangerous characteristics if exposed to them. It is therefore essential that people involved in manipulating dangerous goods apply the most stringent standards to avoid any possible incident or accident. For this purpose, legislative bodies and competent authorities strive to protect people and the environment through the implementation of relevant laws and regulations.

The European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), of 1957, is a legal instrument that regulates the international transport of dangerous goods by road. This global Agreement of the United Nations and its practices is widespread around the world and is currently implemented in 51 countries.

However, an Agreement alone will not yield results if not properly implemented; the human factor must always be taken into consideration and addressed when considering road safety.

## 4. Time and Venue

**Time:** Tuesday 15 Friday 18 January 2019



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**Venue:** Gefinor Rotana Hotel, Beirut.

The Workshop will be held in two parts for up to 40 participants:

**First Part, Awareness raising:** Duration 3 days

**Second Part, Site visit, ADR practical exercise and Driver Event:** Duration 1 day including ½ days of open-air practical exercise in cooperation with the national competent authorities.

## 5. Organization and funding

The four-day national workshop on the ADR is scheduled to take place mainly in the Gefinor Rotana Hotel, Beirut.

The morning of the 4<sup>th</sup> day will be devoted to a site visit for practical experience on the transport of dangerous goods and best practices to be held in a special open-air site in cooperation with the Ministry of Transport.

The event will be held in English and Arabic and simultaneous interpretation will be provided.

EuroMed TSP will take the responsibility to provide the necessary facilities for the training (audio-visual equipment, interpretation, coffees and lunches) and will cover the travel cost of the international invited experts.

The Ministry of Public Works and Transport of Lebanon, I will take care of the invitations, ensure the event secretariat, printouts of the necessary documentation and the media coverage. It will also provide the open-air site for the practical exercise, the transfer by bus of the participants from the Conference place to the site and the necessary material for the exercise as they are described in the last part of this documents under the title "Workshop equipment".

In view of the specific request of the Palestinian Ministry of Transport, subject to Lebanese consent, EuroMed TSP will invite two Palestinian experts to attend the event, preferably H.E. Mr. Ammar Yassin, Deputy Minister of Transport and Mr. Yousef Darawshi, Director General, Palestinian Ministry of Transport and cover their travel and accommodation costs.

Given the importance of women engagement with the project, participation of women will be encouraged.

## 6. Target Groups

- ▶ National EuroMed Transport Coordinator
- ▶ Representative(s) of the EU Delegation
- ▶ Invited experts from the MOT of Palestine
- ▶ Officials from the Ministry of Transport and other Ministries/Agencies dealing with the road transport of goods
- ▶ National/local organizations involved in the field of Road transport and specifically the transport of dangerous substances





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- ▶ Road transport professionals and operators (such as road freight transport companies, particularly those engaged in the carriage of dangerous goods)
- ▶ Any other organizations relevant to Road Transport
- ▶ EuroMed Road Transport Support Project Key Expert and ADR Non-Key Expert
- ▶ Invited international speakers UNECE, UNESCWA, IRU experts, others

It is recommended to limit the number of participants to 40 to ensure interactivity of the sessions and involvement of all in the discussions.

## 7. Languages

The workshop will be delivered in English. Simultaneous interpretation will be provided in English and Arabic.

## 8. Workshop materials

Workshop materials will be posted in the project's website accessible to all participants.

<http://etsp.eu>

These will be as follows:

- ✓ Advocacy Paper on Main UN Road Transport Agreements
- ✓ European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), 1957. (All participants shall have a hard copy of the 2013 ADR Agreement).
- ✓ The UNECE secretariat draft road map for accession to ADR
- ✓ The UNECE secretariat note on UN Recommendations on the Transport of Dangerous Goods, Model Regulations
- ✓ IRU Academy checklist on Fire on Board of a Truck
- ✓ IRU Academy Safe Loading and Cargo Securing Checklist
- ✓ IRU Academy First Aid Checklists
- ✓ ADR Instructions in writing
- ✓ Participant Guide

The workshop will be delivered with close references to international best practices such as those of the IRU Academy and other benchmark organizations. Not all material used within the delivery of the workshop can be made available to the participants.

Participants in the workshop will receive a Certificate of Attendance.

## 9. Workshop equipment

### **Safe loading and marking**

- **1 Lorry with open flat.**

Goods/materials to be loaded:





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- ✓ 4 Empty Oil Drums 200 litter.
- ✓ 8 Packages (Paper Box or Wood different sizes) placed on two standard pallets 80X120 cm
- ✓ 6 Lashings + lashing strainers for securing on trucks
- ✓ 10 meter rope (diameter 1 cm)
- ✓ 4 empty pallets
- ✓ 1 Friction mat.
- ✓ Set of Orange markings.

- **1 Tanktruck, not loaded.**

### **Fire Fighting:**

- ✓ 4, 6 kg Powder fire extinguishers (A-B-C-D fires)
- ✓ 1 empty open 200 liters drum, filled with water
- ✓ 1 litter gasoline
- ✓ 5 litter diesel.
- ✓ 1 Fire carpet.

### **Spill Exercise**

- ✓ 5 kg absorbing Granulate
- ✓ Spill kit (standard on most tank trucks)

## **10. Indicators**

OVI (Objectively Verifiable Indicator)	Source of verification
By the end of the project, Lebanon has acceded to the ADR Agreement or has made progress towards its accession	Communications by the country or from UNECE secretariat and from the EuroMed Transport Support Project reports
The participants appreciated the event and considered it useful	Evaluation questionnaires and communications to EuroMed TSP by Lebanese authorities
Women's engagement	Percentage of women experts' participation
RTAP support	Action 9: Adhere to and effectively implement the main United Nations road transport Agreements and Conventions.