



**UNITED
NATIONS**

EP

UNEP (DEPI)/MED WG.419/5



UNEP



**UNITED NATIONS
ENVIRONMENT PROGRAMME
MEDITERRANEAN ACTION PLAN**

3 July 2015
Original: English

Regional Meeting to review the Lube oil ESM guidelines
and best practices towards sustainable tannery sector in the Mediterranean

Barcelona, 22-24 July 2015

Agenda item 6: Fact sheets/questionnaires on state of play of tannery and lube oil management sectors

For environmental and economic reasons, this document is printed in a limited number. Delegates are kindly requested to bring their copies to meetings and not to request additional copies.



Project: Development of the guide "Road Map to the ESM of Used Oils in the Mediterranean" & technical workshop

Project duration: 6 months (December 2014 - May 2015)

Project partners: Ministries of Environment (MAP Countries) & UNEP-MAP (MEDPOL: www.unep-map.org and SCPRAC: www.scprac.org)

Project consultants: PM&E (www.pmecon.com) & CATOR (www.cator-sa.com)

In RED: Minimum data to be provided. Thank you for your cooperation!

FACTSHEET /QUESTIONNAIRE USED OIL SECTOR (per country)

COUNTRY

Date questionnaire

GENERAL DATA

1 POPULATION

AREA

Units
Thousands
Km2

2 TOTAL NUMBER VEHICLES (1)+(2)

Passenger vehicles (cars) (1)
Commercial / industrial vehicles (trucks, trains and other) (2)

Year
2012 2013
Thousands
Thousands _____
Thousands _____

ANNUAL CONSUMPTION LUBRICANTS

3 TOTAL SOLD LUBRICANTS (1)+(2)

Sold lubricants passenger cars (1)
Sold lubricants industrial (2)

2012 2013
Tons
Tons _____
Tons _____

CLASIFICATION OF SOLD LUBRICANTS

- A Automotive (Passenger cars, commercial/industrial vehicles, trains) (1+2) 1) Engine oils + 2) Gear oils and transmission
- G Greases (3)
- I Industrial (4-5-6) 4) Metal working oil + 5) Highly refined oils + 6) other oils
- M Marine-Aviation (9)
- P Processing oils (7)

Tons _____
Tons _____
Tons _____
Tons _____
Tons _____

TOTAL SOLD LUBRICANTS

Tons

MANAGEMENT USED OILS

4 TOTAL USED OILS RECOVERED

FINAL USE OF RECOVERED USED OILS (IN COUNTRY)

- Regeneration / Re-refining (Tons)
- Combustion (replacing Heavy Fuel Oil) (Tons)
- Combustion (replacing coal) (Tons)
- Other uses (Tons)
- TOTAL IN COUNTRY USE (1)

2012 2013
Tons
NO/YES/? _____
NO/YES/? _____
NO/YES/? _____
NO/YES/? _____
Tons

FINAL USE OF RECOVERED USED OILS (FOR EXPORT)

- Regeneration / Re-refining (Tons)
- Combustion (Tons)
- Other uses (Tons)
- TOTAL USE FOR EXPORT (2)

NO/YES/? _____
NO/YES/? _____
NO/YES/? _____
Tons

TOTAL FINAL USE OF RECOVERED USED OIL (IN COUNTRY + EXPORT) (1) + (2)

5 ARE THERE ANY REGENERATION-RE-REFINING PLANTS?

NO/YES/?

IF YES,

TOTAL INSTALLED CAPACITY (1)+(2) & TOTAL PROCESSED QUANTITY (Tons/year)

Installed capacity (1) API Group 1
Installed capacity (2) API Group 2

Total annual processed quantity
Installed today
 Tons 2012 2013
_____ Tons _____
_____ Tons _____

6 ARE THERE ANY NATIONAL LAWS FOR THE MANAGEMENT OF USED OILS IN THE COUNTRY?

(IF YES, please attached copy of ALL regulations/laws)

Ministry / Department in charge

Are there any laws for the management of used oils?
 Is there any priority on the management of used oils (1st: regeneration, 2nd: burning, etc.)
 Are used oils classified as toxic and dangerous waste?
 Is there any legal obligation for producers to store and appropriate manage used oils?
 Are there any authorized used oils pick up-recovery companies?
 Are there used oil Transfer Centers?
 Is there any limit of emissions for the burning of used oils?

NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?

Territorial jurisdiction & institution

Is there any territorial jurisdiction (central gov., region, municipality) over the recovery of used oils?

NO/YES/?

7 ARE THERE ANY TARGETS ON RECOVERY AND MANAGEMENT OF USED OILS?

IF YES...
 Of generated used oil
 Of recovered used oil (picked-up)
 Valorization (combustion-burning)
 Regeneration / re-refining

NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?

<input type="text"/>	% of sold lubricant oils
<input type="text"/>	% of generated used oils
<input type="text"/>	% of generated used oils
<input type="text"/>	% of generated used oils

8 ARE THERE ANY USED OIL STATISTICS?

IF YES...
 Sold lubricant oil
 Generated used oil
 Final destination of used oils
 Producers of used oil (Vehicles workshops)
 Producers of used oil (Industry)

NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?

Ministry / Department in charge

9 IS THERE ANY FINANCING FOR THE MANAGEMENT OF USED OILS?

IF YES...
 Public administration (Government)
 Private sector (lubricants manufacturers /importers)
 Tax for sold lubricant (per kg.)
 Subsidy on recovery, transport, storage, analysis, etc.
 Subsidy on regeneration/re-refining
 Other
 The generator pays to a recovery company for the used oil pick-up

NO/YES/?
 NO/YES/?
 NO/YES/?
 Euro/Kg.
 Euro/Kg.
 Euro/Kg.
 Euro/Kg.
 Euro/Kg.

10 IS THERE ANY OBLIGATION BY LAW FOR LUBRICANT MANUFACTURERS, IMPORTERS AND USED OIL PRODUCERS?

IF YES...
 On the management of used oils
 On prevention objectives
 On providing financing
 On the creation of Integrated management systems
 There are lubricant manufacturer associations and lubricant sellers-distributors

NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?
 NO/YES/?

11 FACTSHEET ON USED OIL MANAGEMENT IN THE COUNTRY (Please respond to the following questions)

General information related to the used oil sector (Please describe below in 5-10 sentences the current status of the used oil sector in the country)

Please write here...

Main environmental problems caused by the used oil sector in the country

(Please describe below in 1 sentence per main environmental problem caused by the used oil sector in the country)

A (1 sentence)
 B (1 sentence)
 C (1 sentence)
 D (1 sentence)

Main solutions, actions, laws, etc. implemented or under implementation to solve the "used oil problem"

(Please describe below in 1-3 sentences per solution, action, law, etc. implemented in the country)

A (1-3 sentences)

B (1-3 sentences)

C (1-3 sentences)

D (1-3 sentences)

Main pending solutions, actions, laws, etc. to be implemented (planned and not planned) to solve the “used oil problem”

(Please describe below in 1-3 sentences per pending solution, action, law, etc. to be implemented in the country)

A (1-3 sentences)

B (1-3 sentences)

C (1-3 sentences)

D (1-3 sentences)

(*) PLEASE send 1 representative picture of the used oil sector in your country to be included in the Factsheet

Contact person (position, phone, email) and institution responsible for collecting the above-mentioned information

Name:

Phone:

E-mail:

Institution:



Project: Development of guide "Pollution Prevention Opportunities in the Tanning Sector Industry in the Mediterranean" & technical workshop
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FACTSHEET / QUESTIONNAIRE TANNING SECTOR (per country)

COUNTRY

Date questionnaire

GENERAL DATA

1 POPULATION AREA

Units
 Thousands
 Km2
Year

2 TOTAL NUMBER OF TANNERIES (1)+(2)+(3)+(4)+(5)

Units	2012	2013
Tanneries	<input type="text"/>	<input type="text"/>
Tanneries	<input type="text"/>	<input type="text"/>
Tanneries	<input type="text"/>	<input type="text"/>
Tanneries	<input type="text"/>	<input type="text"/>
Tanneries	<input type="text"/>	<input type="text"/>

- 1 to 10 employees (1)
- 11 to 20 employees (2)
- 21 to 50 employees (3)
- 51 to 100 employees (4)
- + 100 employees (5)

ANNUAL LEATHER PRODUCTION

3 TOTAL PER TYPE OF LEATHER (1)+(2)+(3)+(4)+(5)

	2012	2013
Thousands of m2	<input type="text"/>	<input type="text"/>
Thousands of m2	<input type="text"/>	<input type="text"/>
Thousands of m2	<input type="text"/>	<input type="text"/>
Thousands of m2	<input type="text"/>	<input type="text"/>
Thousands of m2	<input type="text"/>	<input type="text"/>

- Bovine (1)
- Ovine without wool (2)
- Goat (3)
- Double Face (4)
- Other (5)

EXPORT/IMPORT

4 EXPORT ACCORDING TO LEATHER FINISHING DEGREE

	2012	2013
% in value	<input type="text"/>	<input type="text"/>
% in value	<input type="text"/>	<input type="text"/>
% in value	<input type="text"/>	<input type="text"/>

- Raw leather
- Semi-finished leather (wet-blue - crust)
- Finished leather

5 IMPORT ACCORDING TO LEATHER FINISHING DEGREE

	2012	2013
% in value	<input type="text"/>	<input type="text"/>
% in value	<input type="text"/>	<input type="text"/>
% in value	<input type="text"/>	<input type="text"/>

- Raw leather
- Semi-finished leather (wet-blue - crust)
- Finished leather

ENVIRONMENTAL ISSUES

6 TANNING TECHNOLOGY

Is chrome tanning the most used tanning technology in your Country?
 Are other chrome-free tanning technologies used in your Country?
 If YES please concrete which ones:

NO / YES / ?
 NO / YES / ?

7 WASTE

- Is there any waste law? (if yes, please attached copy of regulation/law)
- Are waste classified according to their riskiness as Hazardous and Non Hazardous?
- Is there public or private infrastructure available for each type of waste?
- Is there any authorized waste manager companies?
- Is there any legal obligation for producers to send their waste to an authorised waste manager?
- Are tanneries mostly meeting the legal requirements on waste management?

NO / YES / ?
 NO / YES / ?
 NO / YES / ?
 NO / YES / ?
 NO / YES / ?
 NO / YES / ?

Leather waste are considered as Non Hazardous waste?
Are leather waste valorised in any way (recycling, energy, etc.)?

NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>

8 WASTEWATER

Is there any wastewater law? (if yes, please attached copy of regulation/law)
Is there a public infrastructure available for wastewater treatment?
Do tanneries have their own wastewater treatment plant?
Do the authorities conduct tests and analysis on tannery effluents?
Do tanneries need a permission for spilling their wastewater?
Are tanneries mostly meeting the legal limits on wastewater parameters (i.e. COD, BOD, pH, Chromium, etc.)?
Do tanneries recycle water and chemicals from any part of the process?

NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>

If YES please concrete which ones:

9 AIR EMISSIONS

Is there any atmospheric emissions law? (if yes, please attached copy of regulation/law)
If YES does it apply to tanneries?
Is there any VOC emissions law? (if yes, please attached copy of regulation/law)
If YES does it apply to tanneries?
Do tanneries need a permission for releasing their emissions to the atmosphere?
Are tanneries mostly meeting the legal limits on emissions?

NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>

10 Best Available Technologies (BAT) for the environment

Are Best Available Technologies (BAT) for tanning broadly known in your Country?
If YES to the previous question:
Are most of the tanneries using them?
Do they find difficulties to implement those BAT?
Technical difficulties?
Employees skills difficulties?
Financial difficulties?
Other difficulties? Please provide more details

NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>

11 MAIN ENVIRONMENTAL CONCERNS IN THE TANNING SECTOR

Please classify 1 to 5 the main environmental concerns for the tanning sector in your Country is: 1=The most important

Waste
Wastewater
Emissions
Energy
Other (please detail):

<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>
<input type="checkbox"/>

12 FINANCING

Is there any financial aid in your Country to help tanneries to improve their environment impact?
If YES to the previous question:
For more environmental friendly equipment purchase?
For the implementation of BATs?
For energy efficiency?
For research and development?
Other purposes (please detail):

NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>
NO / YES / ?	<input type="checkbox"/>

13 FACTSHEET ON THE TANNING SECTOR IN THE COUNTRY (Please respond to the following questions)

General information related to the tanning sector (Please describe below in 5-10 sentences the current status of the tanning sector in the country)

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(Please describe below in 1 sentence per main environmental problem caused by the tanning sector in the country)

- A (1 sentence)
- B (1 sentence)
- C (1 sentence)
- D (1 sentence)

Main solutions, actions, passed laws, etc. implemented or under implementation to improve the environmentally sound management in the tanning sector

(Please describe below in 1-3 sentences per solution implemented in the country)

- A (1-3 sentences)

- B (1-3 sentences)

- C (1-3 sentences)

- D (1-3 sentences)

Main pending solutions, actions, laws, etc. to be implemented (planned and not planned) to improve the environmentally sound management in the tanning sector.

(Please describe below in 1-3 sentences per pending solution, action, law, etc. to be implemented in the country)

- A (1-3 sentences)

- B (1-3 sentences)

- C (1-3 sentences)

- D (1-3 sentences)

(*) PLEASE send 1 representative picture of the tanning sector in your country to be included in the Factsheet

Contact person (position, phone, email) and institution responsible for collecting the above-mentioned information

Name:

Phone:

E-mail:

Institution: