



STATE OF LIBYA
MINISTRY OF
AGRICULTURE , ANIMAL
AND MARINE WEALTH
NATIONAL CENTER OF
ANIMAL HEALTH



Given the report under the title of

Ministry of Agriculture of Libya

National Center for Animal Health (NCAH)

**Communication Plan in Animal Health
in the frame of REMESA/RECOMSA**

November 2013



Through four of its parts

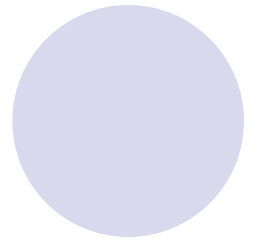
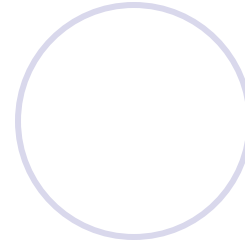
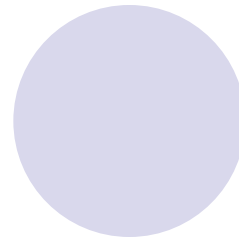
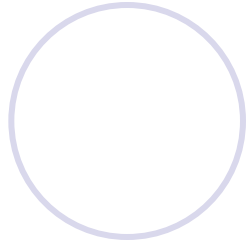
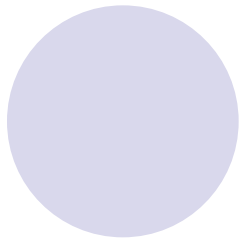
New measures are not taken until
the time



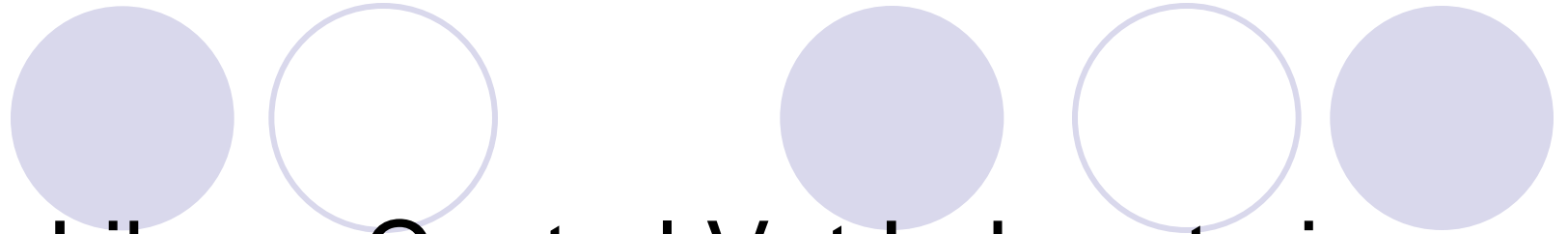
Libyan Experiences

The application of bio-security and safety procedures in the laboratory





- For the crew of the Central Laboratory in Tripoli it is very good but the rest of Libya is weak.



Libyan Central Vet Laboratories

- Central Vet Lab Tripoli
- Central Vet Lab Benghazi

Libyan peripheral Vet Lab

- Elzaoea الزاوية
- Geryain غريان
- Sabha سبها
- Zentane الزنتان
- Musrata مصراته
- derna درنه
- Tobrock طبرق
- Elguba القبه
- Elbeda البيضاء
- Ejedybia اجدايبيا
- Al marje المرج



- For the collection and processing of samples which is under incorporation and is fully equipped and the bio- security measures are available , but with little


The relationship between them and the Veterinary Services





- Is sending samples for laboratory analysis center in Tripoli only - the link between the laboratory and the field is weak.
- Many of the samples reach the laboratory where bio- security measures are not available and not to be culled and analyzed.

Important diseases that deal with the laboratory





- Large animal : FMD - bluetongue - PPR - Brucella - chlamydia – Toxoplasma
- Poultry : AI - ILT - MG – Salmonella- ND and IB.

Challenges faced by laboratories

- Non- state interest them
- not to adopt training programs ongoing and long
- not an abundance operating materials of the Central Laboratory
- Non- laboratory areas processing
- no link between them and the veterinary services field
- most of the samples up laboratories is identical to biosecurity
- laboratories that started to work recently not available the bio-safety measures



- Occupation & devastation number of Vet Lab in & offices in deferent area
- Bureaucratic government
- Instability of administrative as translate NCAH headquarters from Zawia to Albeda & other
- Slowdown & nothing efficient connection between Vet Services

.



- The majority of these Lab have minimum facilities (incubators, ovens, refrigerators, autoclaves, centrifuges, micropipetes, biological safety cabinets, act.....)
- The majority Lab Personnel needed appropriate training on the potential hazards associated with work .

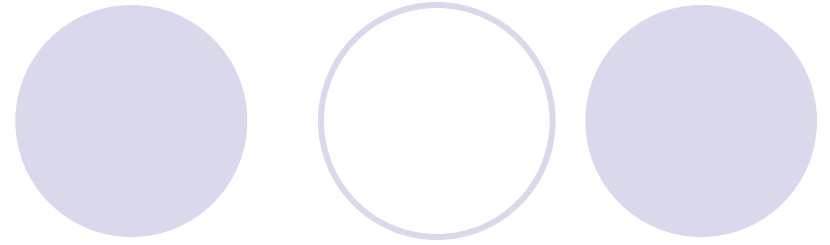
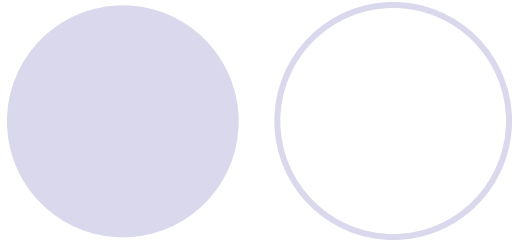


- we have Field personnel for take samples & stamping out operations in deferent cities
- Major of these needed more informed or training about suitable biosafety precautions that reduce the risk of further spread of the agents and of contamination of themselves and other

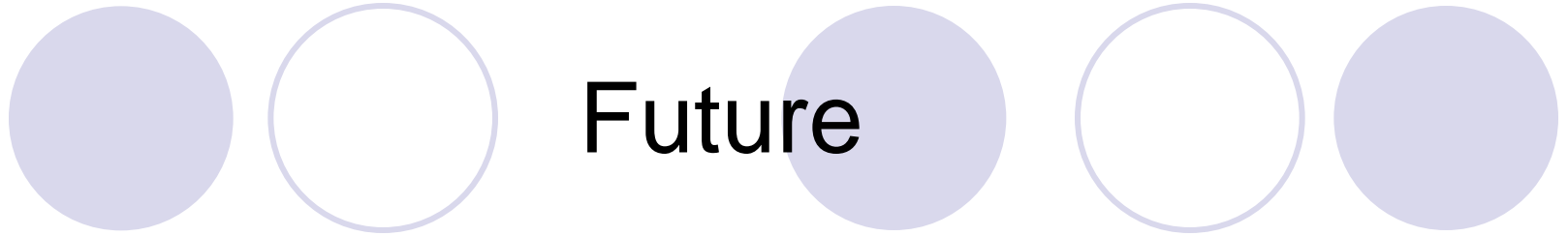


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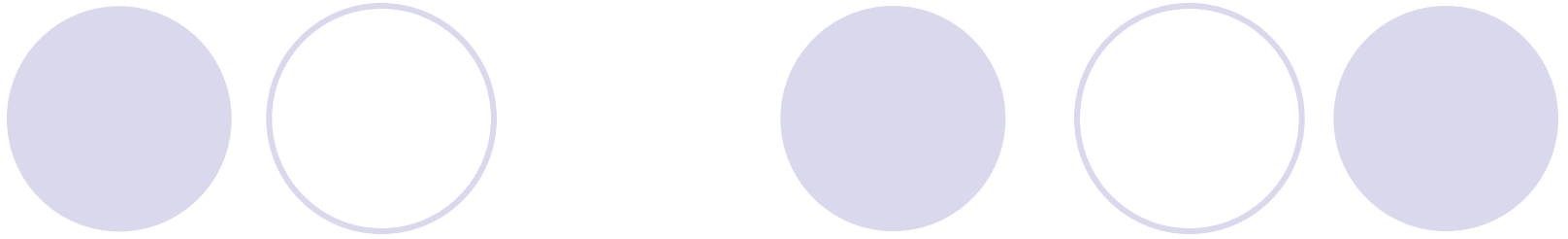
- Must provide biosafety manual specific to the all our Vet Lab prepared by Vet officer (locally or internationally).
- Must provide few reagents & chemicals for achievement majority steps of the tests such as (rapid test - primary isolation & evaluation used vaccines).



- As well as intensive training programs inside local Vet Lab. (peripheral & central)



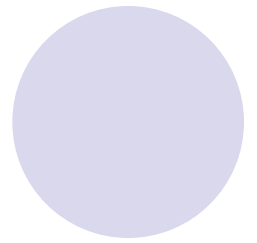
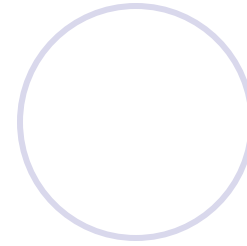
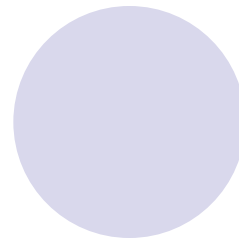
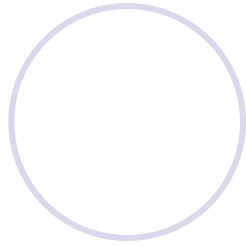
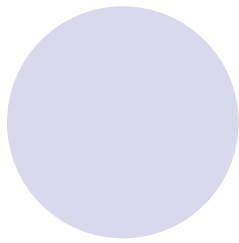
- Man – hour to stabilization culture for farmers to dealings with Vet Lab for early quick diagnosis.
- Animal health context in libya, it requires changing related to animal health laws
- As well as creating BSL 2 Lab more than area in Libya .



- Intensive and continuous training courses.
- The link between the center and a private laboratory field services to improve their knowledge of security procedures and safety laboratories.
- Focus on quality of laboratories and bio-security measures and safety and providing them with the possibilities instead of without taking into account the safety and rehabilitation of cadres rules increase the number



- The link between local laboratories (especially the central ones) with regional and international laboratories (Jordan - Morocco , etc. (.
- A twinning projects eligible for laboratories with global laboratory













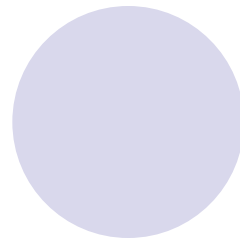
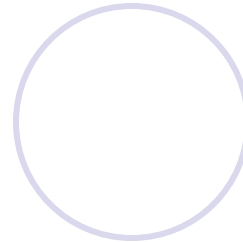
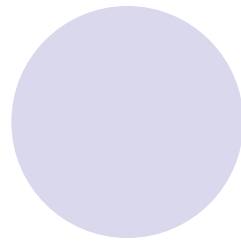
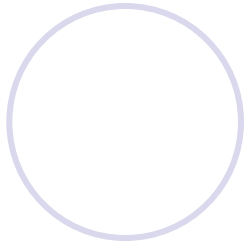
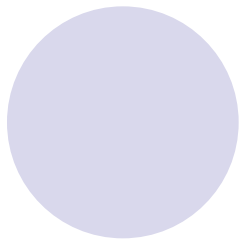
















A Memmert oven, a stainless steel box with a circular opening on top and a control panel on the front. The brand name "memmert" is visible on the front panel.

A small, rectangular laboratory scale with a digital display and several control knobs.

A laboratory water bath or incubator, a rectangular box with a glass front and a control panel on top. It contains several test tubes in a rack.

A collection of laboratory supplies, including a white plastic jug, a box labeled "ALASKA", and other containers.

A metal stand with a blue hose attached to it, possibly for a vacuum or gas supply.