

<p style="text-align: center;">Harmonization and Monitoring of FMD vaccination</p>	<p>Participants</p> <ul style="list-style-type: none"> □ Nawroz Abdul Habib (Afghanistan) □ Eranov Mukhiddin (Uzbekistan) □ Afzal Mohammed (Pakistan) □ Tatov Amanguly (Turkmenistan) □ Nuryev Dovie (Turkmenistan) □ Askarov Zhumabek (Kyrgyzstan) □ Sargysan Khachick (Armenia) □ Isoev Iskandar (Tajikistan) □ Abdullahi Darab (Iran) □ Borisov Vladimir (Russia) □ Ferrari Giancarlo (FAO) □ Potzsch Carsten (FAO)
<p style="text-align: center;">Background</p> <ul style="list-style-type: none"> □ The general context (for most of the countries) is the one where mass vaccination programs could hardly be carried for several reasons: <ul style="list-style-type: none"> ■ Huge animal population ■ Lack of financial and human resources for extensive vaccination programs to be carried out 	<p style="text-align: center;">Background</p> <ul style="list-style-type: none"> □ More realistically vaccination programs can be intensively carried out provided that target sub-populations are clearly identified
<p style="text-align: center;">Issues and outcomes</p> <ul style="list-style-type: none"> □ Should vaccine specification for cattle be harmonized (yearly) across western Eurasia? (e.g. PD50 antigenic content, age and frequency, OIE standard of potency test). 	<p style="text-align: center;">Issues and outcomes</p> <ul style="list-style-type: none"> □ There was a general consensus among the participants that harmonization across Western EurAsia is worth to be pursued □ Harmonization rather than being seen as "the same vaccine for all" should address the issue of having available and documented information so that whenever individual countries are about to purchase vaccines for their use appropriate guidelines are available
<p style="text-align: center;">Issues and outcomes</p> <ul style="list-style-type: none"> □ The most important issue relates to the circulating serotypes □ Need to ensure that vaccine strains match well the field strains identified across the Region and need for a mechanism enable to make this information available and disseminated 	<p style="text-align: center;">Issues and outcomes</p> <ul style="list-style-type: none"> □ The proposal was the creation of a regional or inter-regional commission with a panel of experts from the participating countries that could possibly meet every year, review the global and regional situation and prepare guidelines aimed at assisting and advice countries to formulate their technical specifications.

<p style="text-align: center;">Issues and outcomes</p> <hr/> <ul style="list-style-type: none"> □ The issue of harmonization was also addressed from a slightly different point of view and it is related to the synchronization of vaccination activities in specific bordering areas between two or more countries that may need to be targeted 	<p style="text-align: center;">Issues and outcomes</p> <hr/> <ul style="list-style-type: none"> □ Should each country undertake vaccine performance monitoring. (For example a simple sampling of sufficient animals 12-24 mo, prior to re-vaccination?)
<p style="text-align: center;">Issues and outcomes</p> <hr/> <ul style="list-style-type: none"> □ Participants agreed that this type of activity is essential. Two different issues were addressed: <ul style="list-style-type: none"> ■ sero-monitoring following the administration of vaccine to evaluate the immunological response (in terms of detectable level of antibodies); ■ serological survey aimed at evaluating the overall efficacy of vaccination in reducing virus circulation through the detection of NSP antibodies (both in vaccinated and non-vaccinated animals). 	<p style="text-align: center;">Issues and outcomes</p> <hr/> <ul style="list-style-type: none"> □ Protocols for this purpose can be developed; □ An issue that was raised was related to sustainability of such activities (mainly due to the cost of reagents); □ National programs may contribute in terms of sample collection but it is likely the support from donor is needed; □ It has been suggested that any future project on FMD should have a sub-component to address this issue.
<p style="text-align: center;">Issues and outcomes</p> <hr/> <ul style="list-style-type: none"> □ Should the Eu-FMD regional database on vaccination implementation be extended to include all interested countries in the region? Is it feasible for each to supply the minimum required data? 	<p style="text-align: center;">Issues and outcomes</p> <hr/> <ul style="list-style-type: none"> □ Being the EU-FMD regional database not implemented yet it appeared premature to discuss the possibility of up-load this database; □ The concept of sharing this type of information was indeed found to be useful.