GF-TADs
GLOBAL FRAMEWORK FOR THE PROGRESSIVE CONTROL OF TRANSBOUNDARY ANIMAL DISEASES

Food and Agriculture Organization of the United Nations

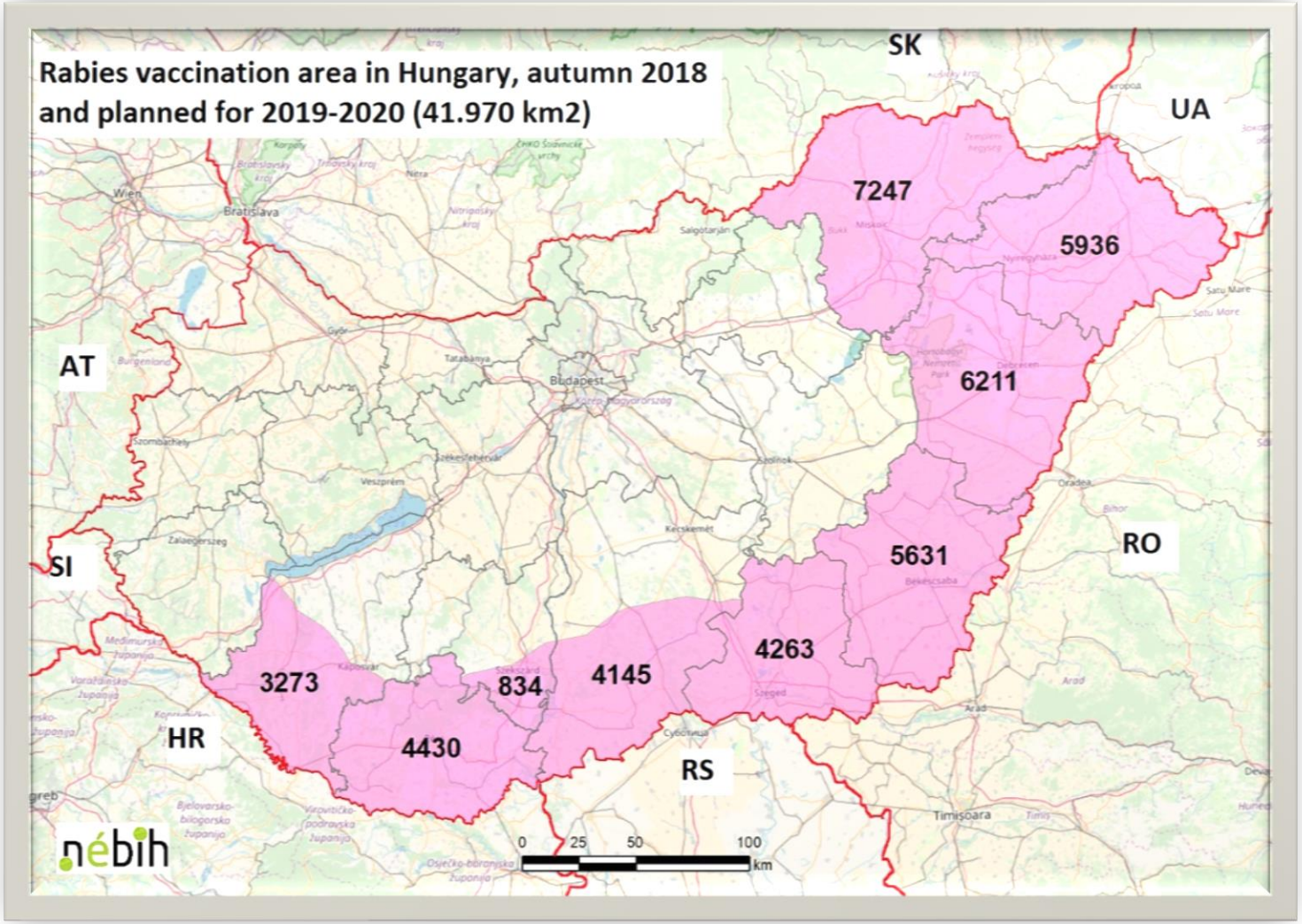
WORLD ORGANISATION FOR ANIMAL HEALTH

# Session on rabies surveillance

## SGE LSD9, Athens, 17 October 2019

# Report by HUNGARY

# Map of the vaccination area

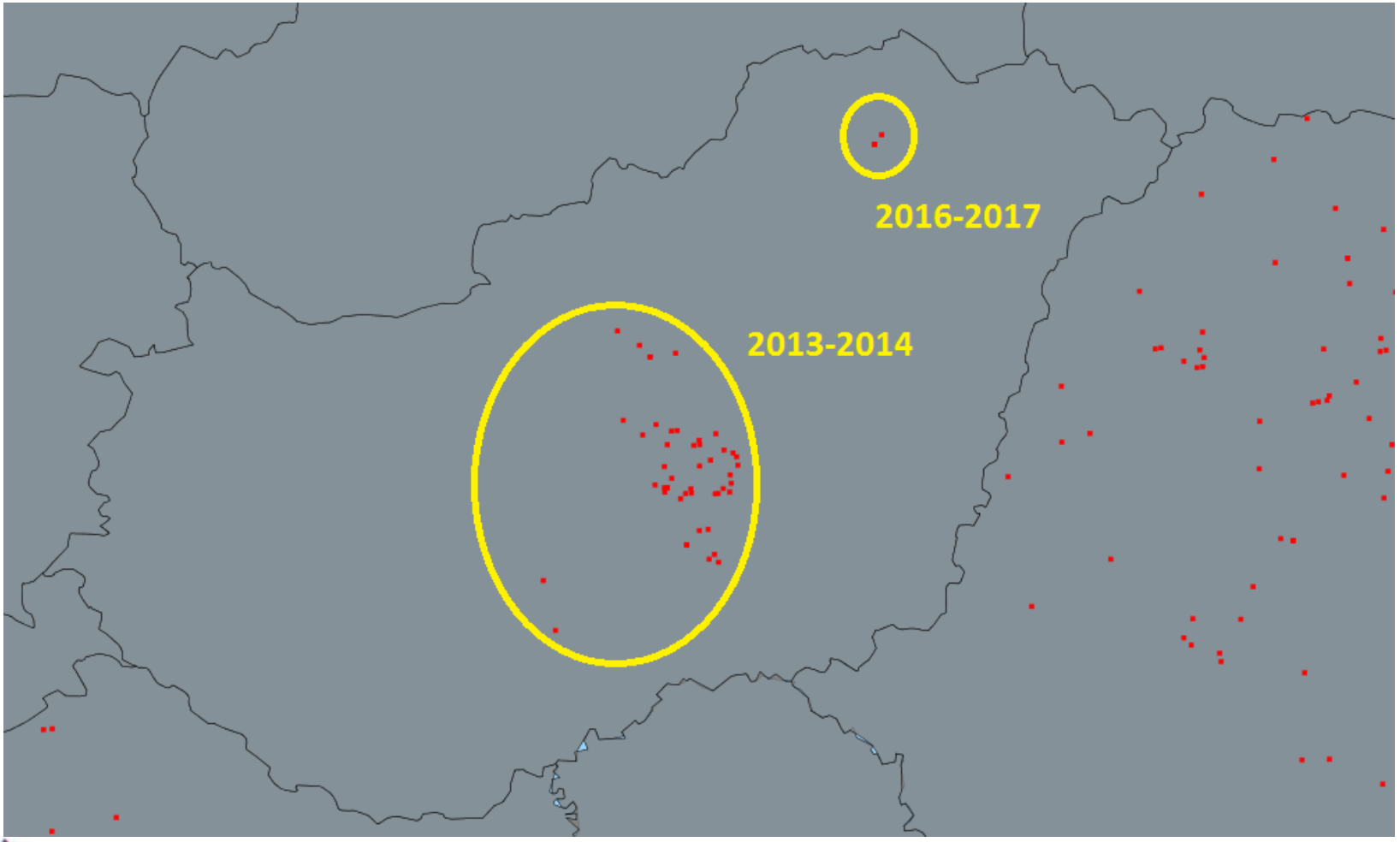


# Surveillance

| Surveillance<br>+ = number of rabies positive cases<br>I = number of tests in indicator animals<br>NI = number of tests in non-indicator animals | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 2016 | | | 2017 | | | 2018 | | | 2019 | | |
| | + | I | NI | + | I | NI | + | I | NI | + | I | NI |
| **Hungary (whole territory)** | 1* | **1087** | NA | 3** | **1198** | NA | 0 | **1029** | NA | 0 | **487** *** | NA |

*1 fox
**1 fox and 2 goats (same holding), all together 3 positive animals, considered 2 „cases”
***first semester of 2019

# Surveillance



# Monitoring of the effectiveness of the vaccination

| Monitoring pressure<br>Number of foxes hunted in the vaccination zone (target=4 foxes/100 km2) | | | | |
|---|---|---|---|---|
| | 2016/2017<br>**66.884 km2** | 2017/2018<br>**66.884 km2** | 2018/2019<br>**41.970 km2** | 2019/2020<br>**41.970 km2** |
| **Vaccinated area of Hungary** | 3120* | 2890 | 959** | sampling period ongoing |

*extra samples from the area where rabies was detected in 2016
**only one vaccination campaign in 2018

# Monitoring of the effectiveness of the vaccination

| Monitoring: bait consumption<br><br>T = number of tested foxes (biomarker)<br>%+ = percentage of positive test results (biomarker) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2016/2017 | | 2017/2018 | | 2018/2019 | | 2019/2020 | |
| | T | %+ | T | %+ | T | %+ | T | %+ |
| **Vaccinated area of Hungary** | 3120 | **72%** | 2890 | **78%** | 955 | **76%** | sampling period ongoing | sampling period ongoing |

# Monitoring of the effectiveness of the vaccination

| Monitoring: serology<br><br>T = number of tested foxes (serology)<br>%+ = percentage of positive test results (serology) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 2016/2017 | | 2017/2018 | | 2018/2019 | | 2019/2020 | |
| | T | %+ | T | %+ | T | %+ | T | %+ |
| **Vaccinated area of Hungary** | 2494 | **51%** | 2218 | **41%** | 606 | **38%** | sampling period ongoing | sampling period ongoing |

# THANK YOU