

# **Zoning and compartmentalization in the framework of WAHIS+**

Final meeting of the OIE cooperation project between IZSVe and CAIQ  
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**Dr Paolo Tizzani**  
**Veterinary epidemiologist**  
**World Animal Health Information and Analysis Department**

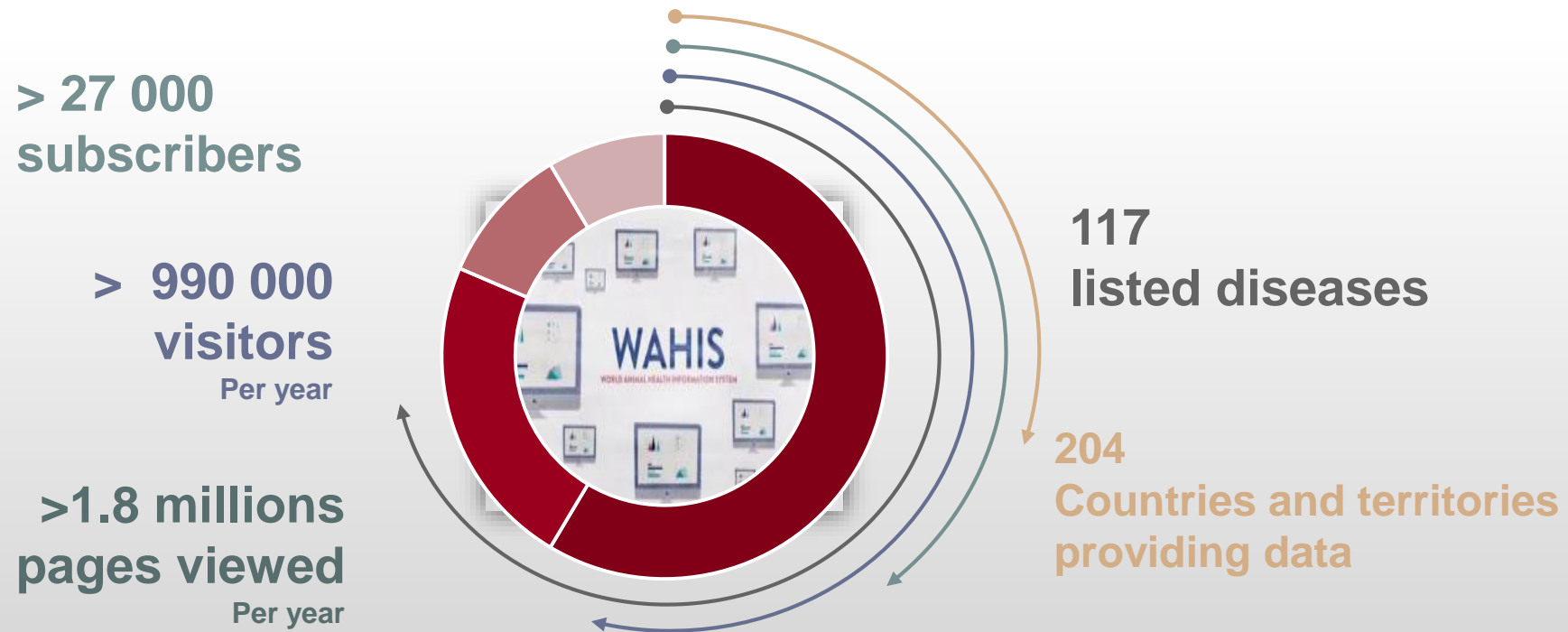
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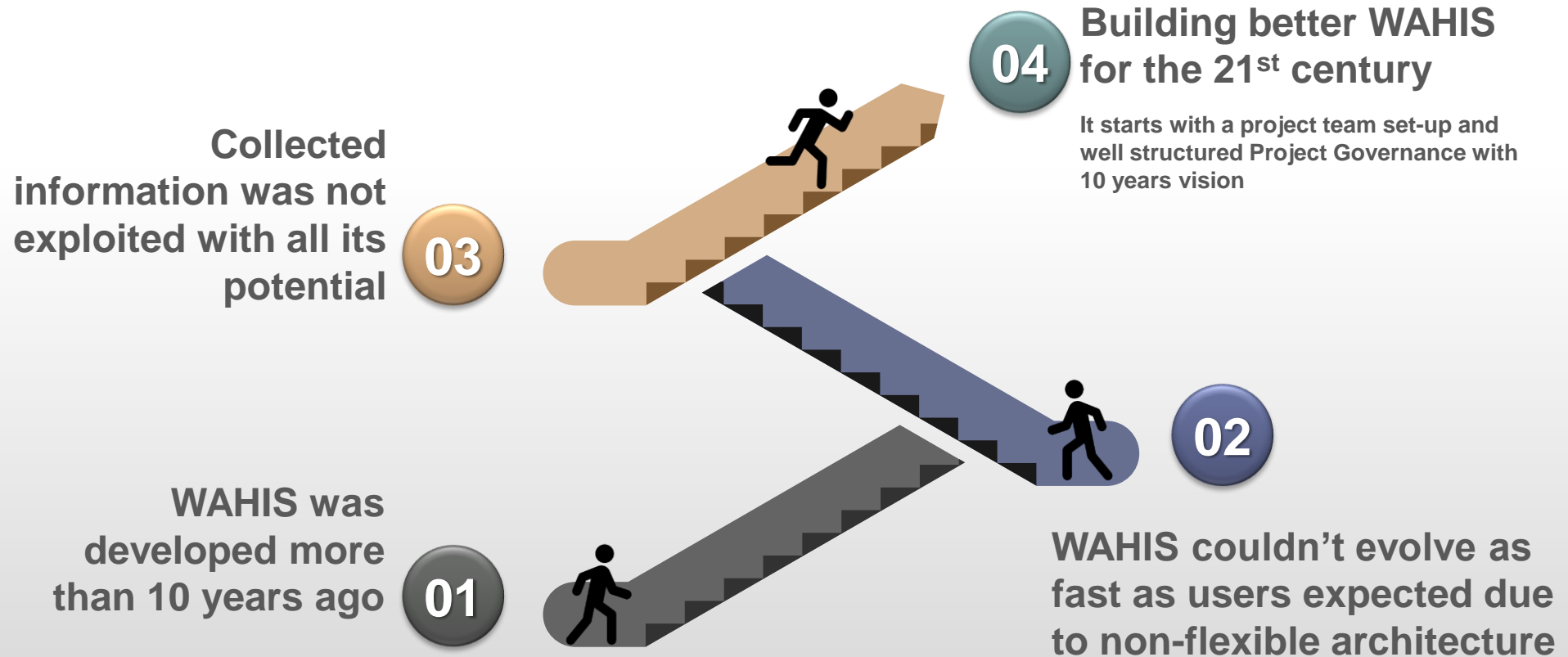
WAHIS today

# WAHIS today

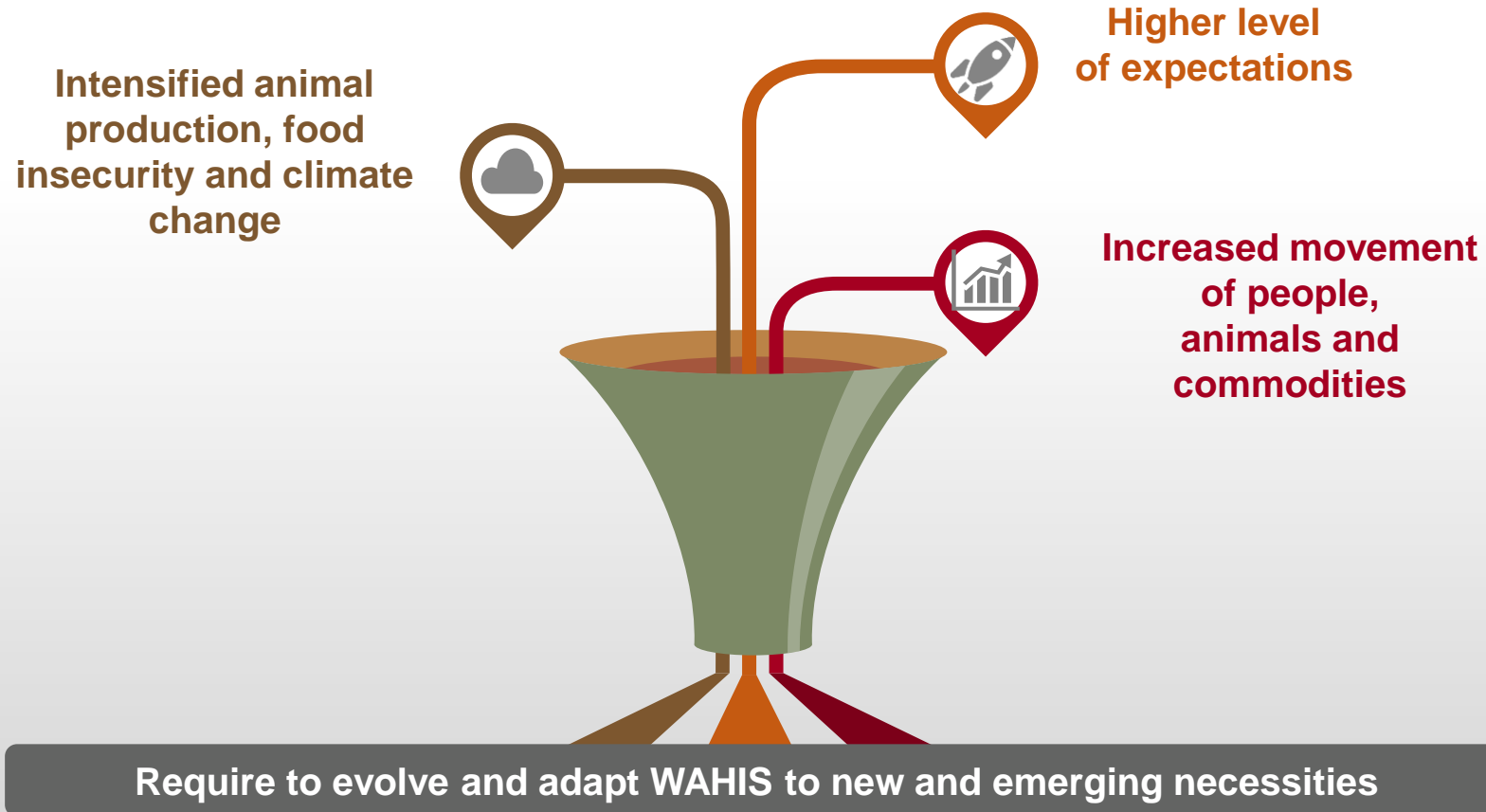
WAHIS is a secure online notification system whose main purpose is being a global and sensitive early warning system



# Lessons learned

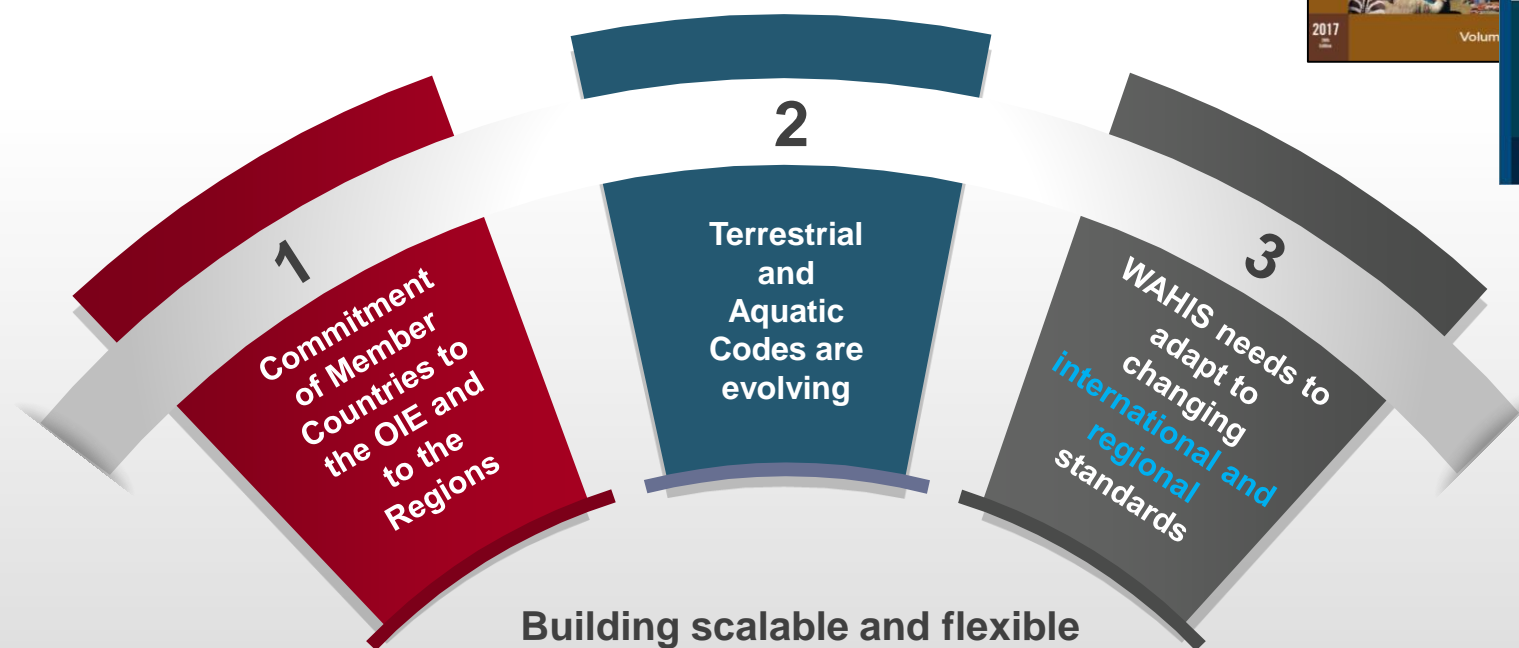


# It's now time for WAHIS+ !



What will be improved?

## Respond to evolving international standards



Building scalable and flexible  
platform with a 10 years vision



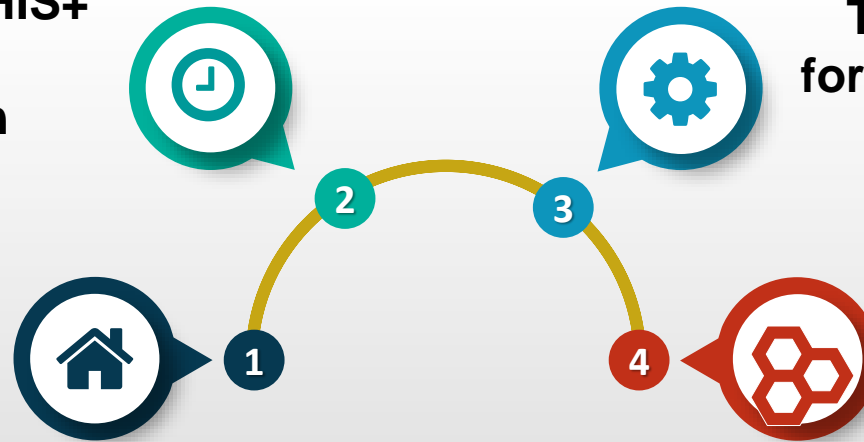
User friendly, intuitive, time-efficient

Improved WAHIS+  
mobile  
application

Tailored dashboards  
for your specific profiles

User-friendly  
interface

Technically up-to-date  
with latest GIS features



## Interoperability and data sharing

Importing other  
data sources to  
enrich knowledge

Automatic tools for  
data extraction

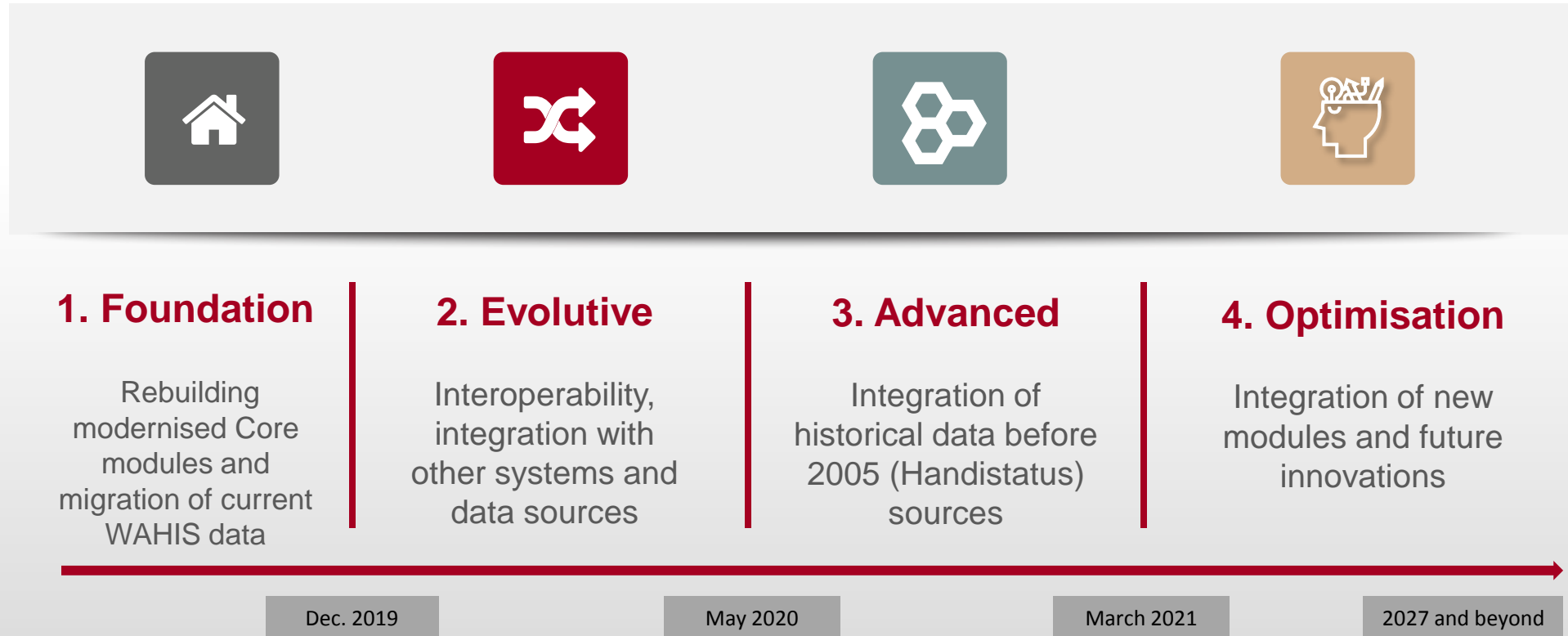


**Standard  
interconnection  
protocols**

Interconnection with  
international and  
regional systems

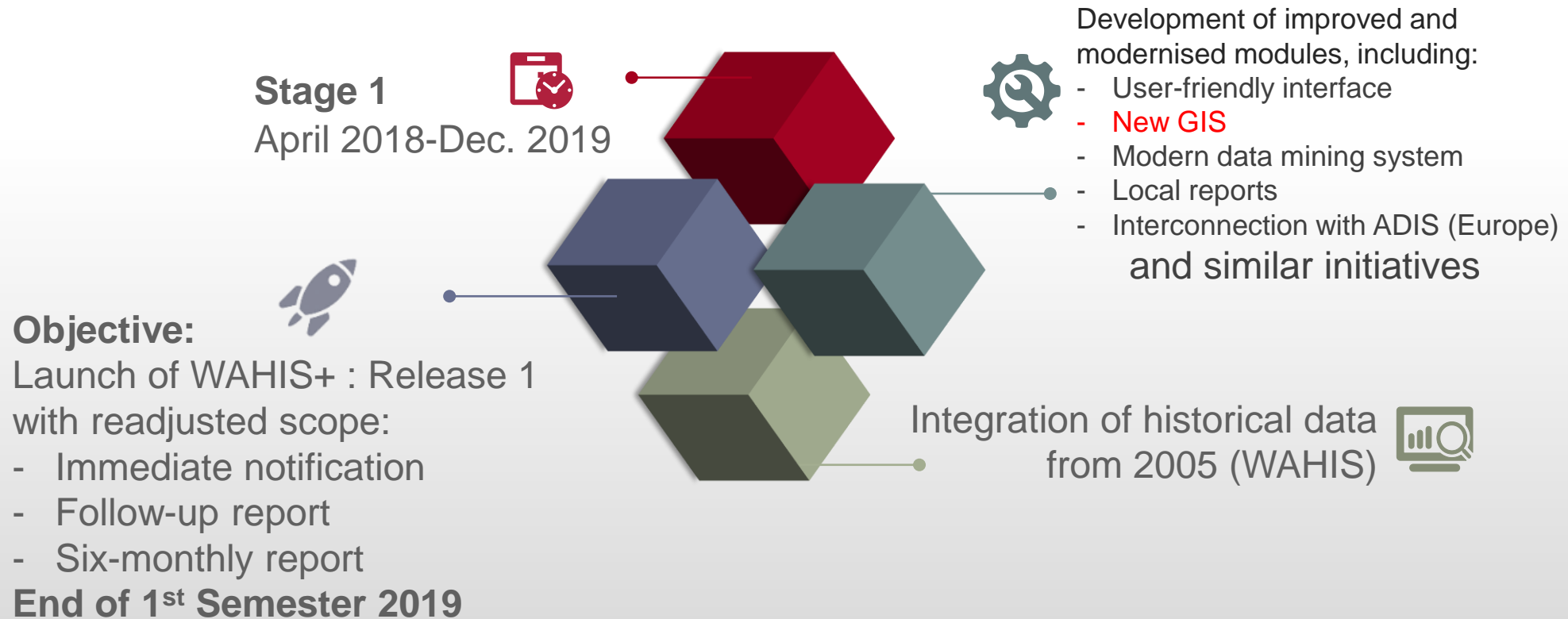
# Project timeline, objectives and achievements

# The temporal roll-out strategy for 4 stages and at least 10 years vision

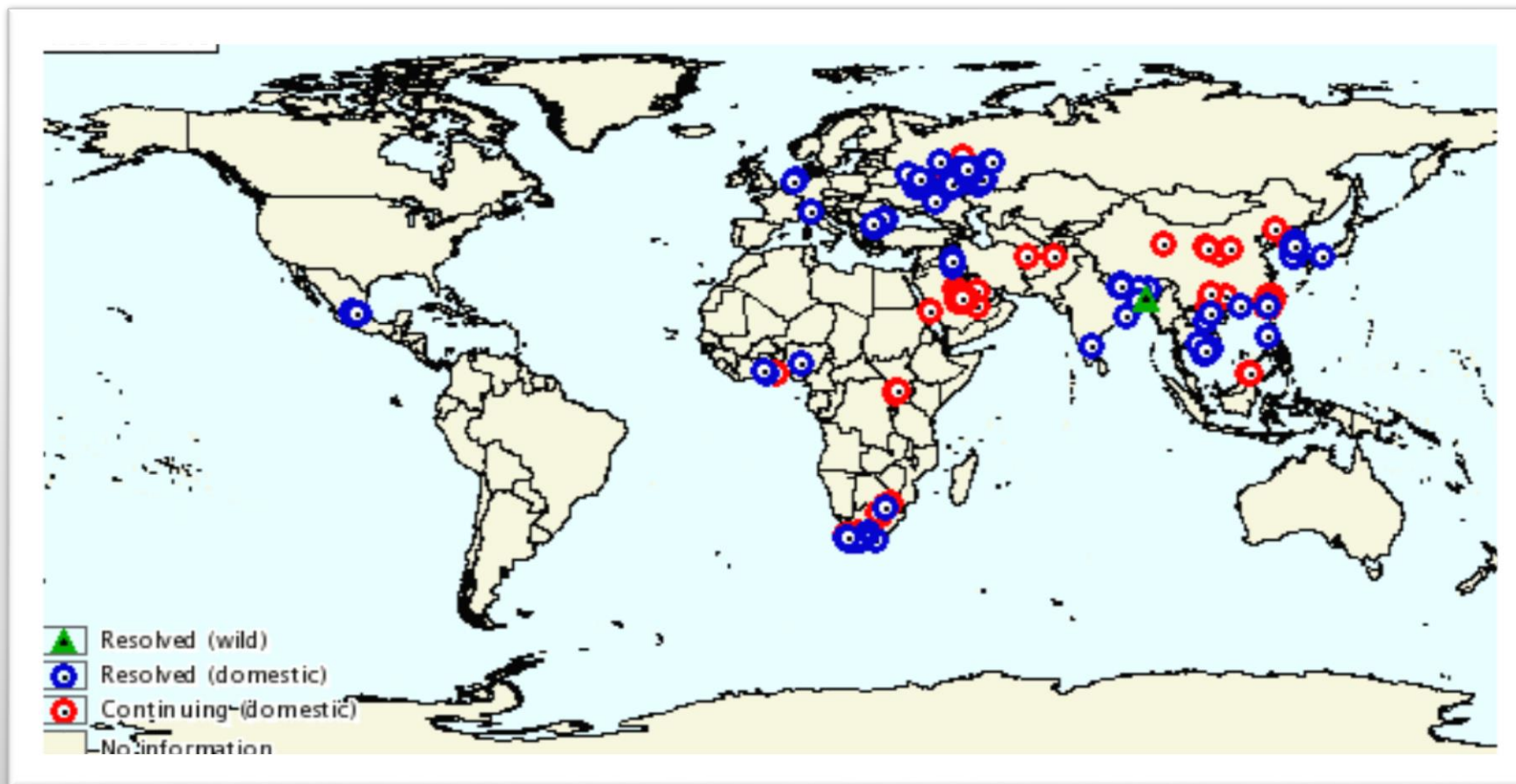


# Stage 1: Foundation

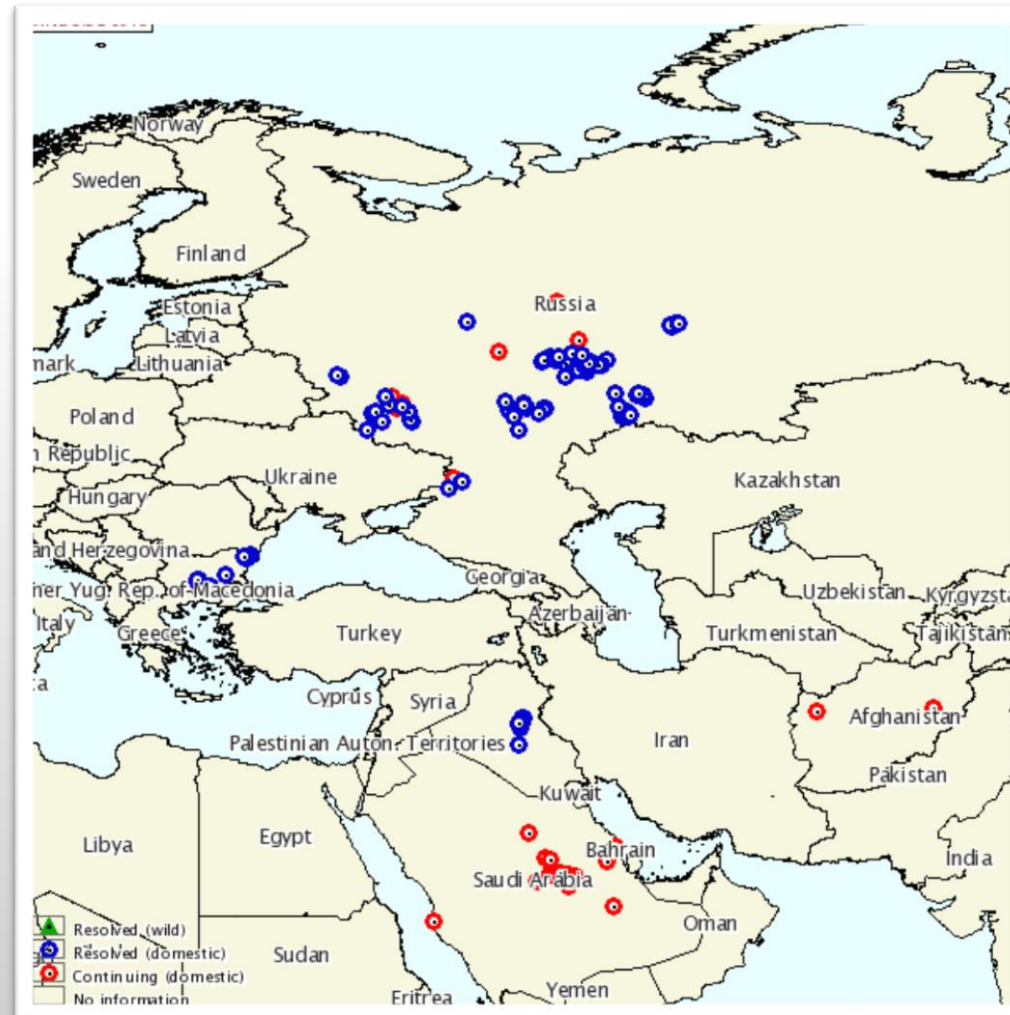
*Improvement and modernisation of current modules*



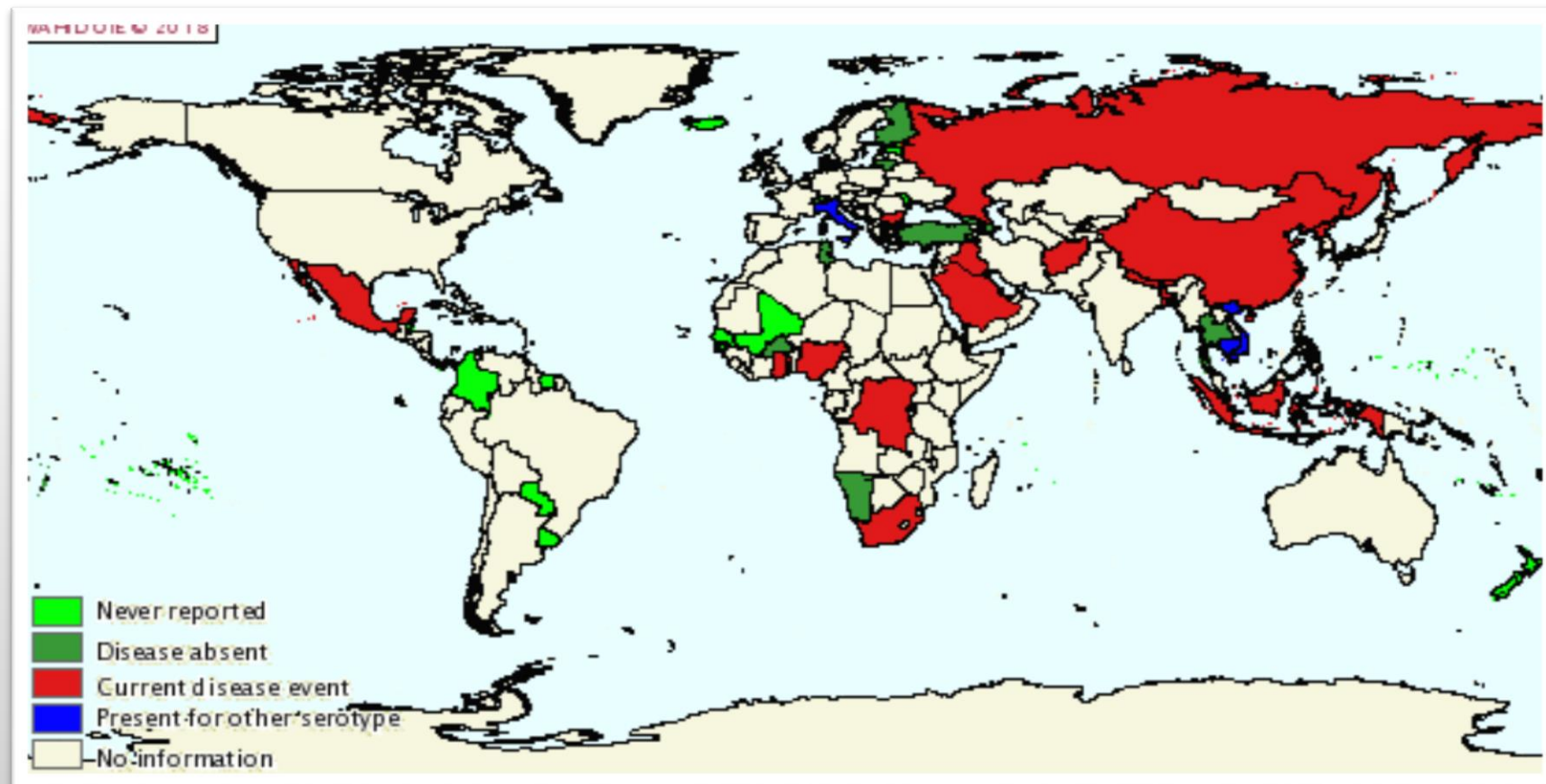
## Current display in WAHIS



## Current display in WAHIS



## Current display in WAHIS

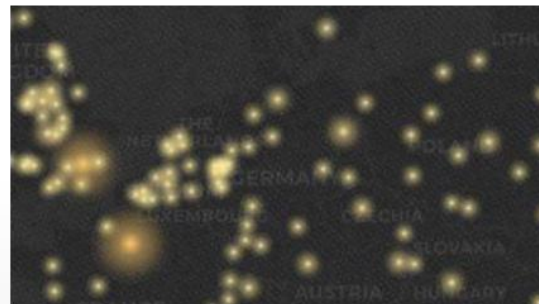


Future display will look better !

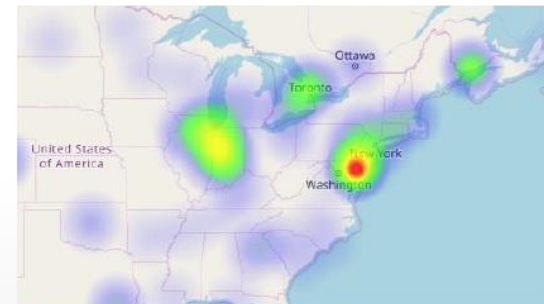
*Events distribution*



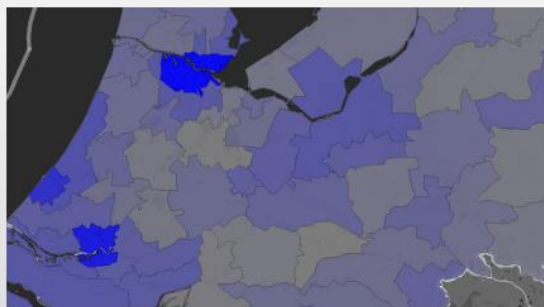
*Events heat map (global view)*



*Events heat map (local view)*



*Events distribution by area*



*Events temporal distribution (global view)*

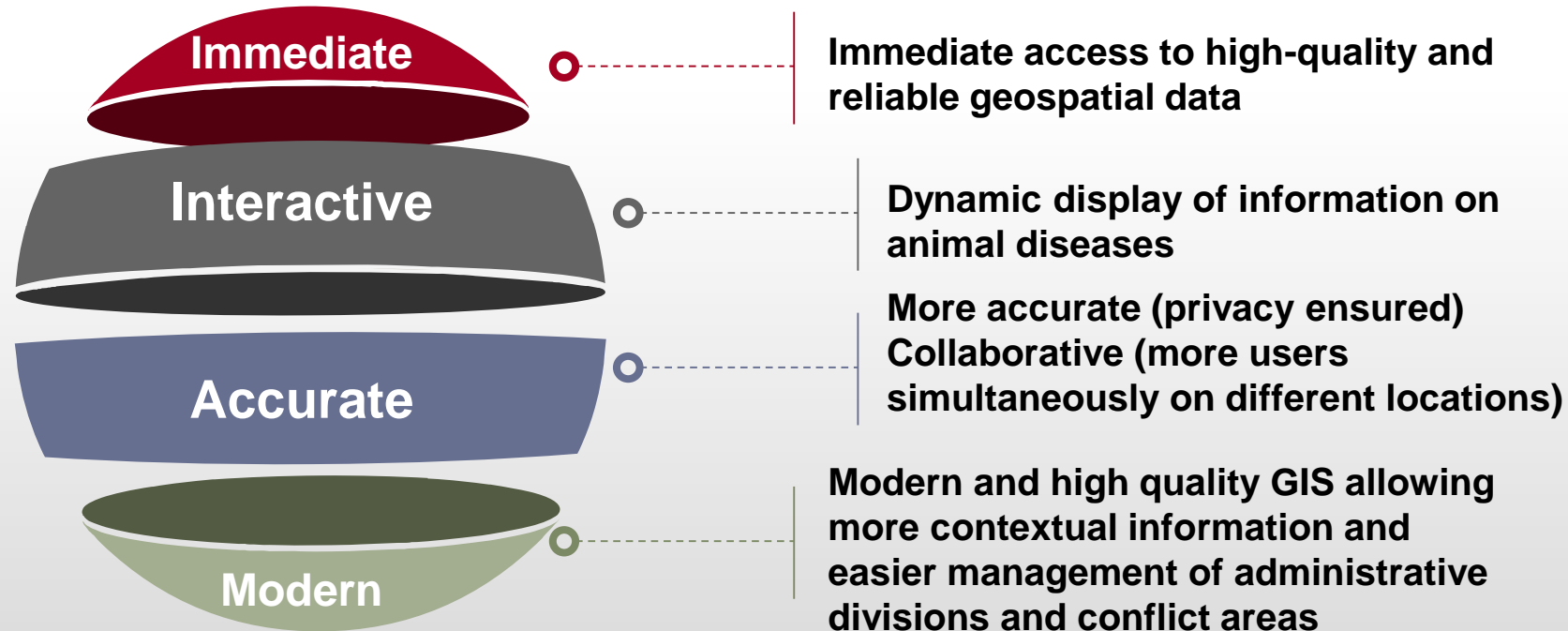


*Events temporal distribution (local view)*

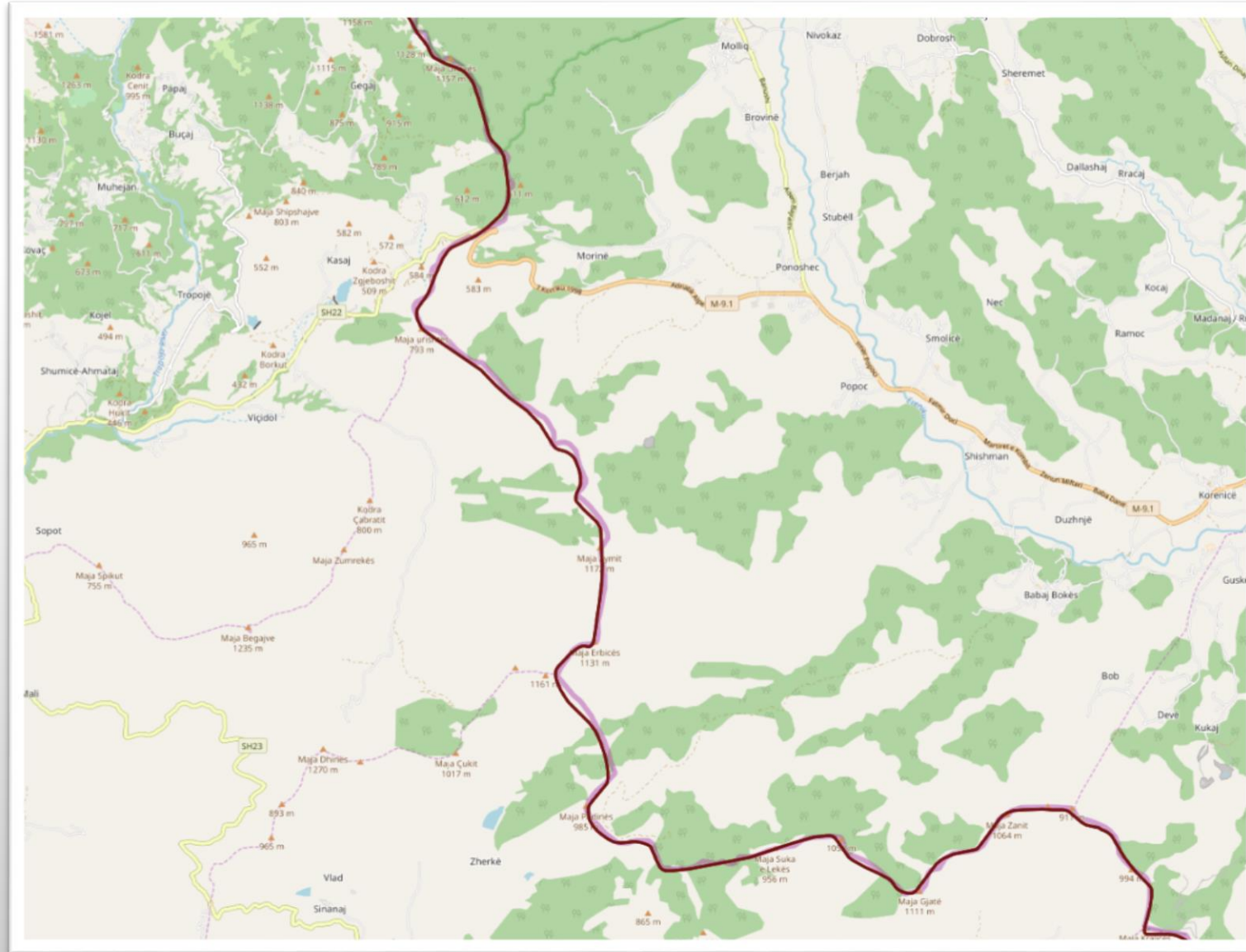


WAHIS + and spatial data

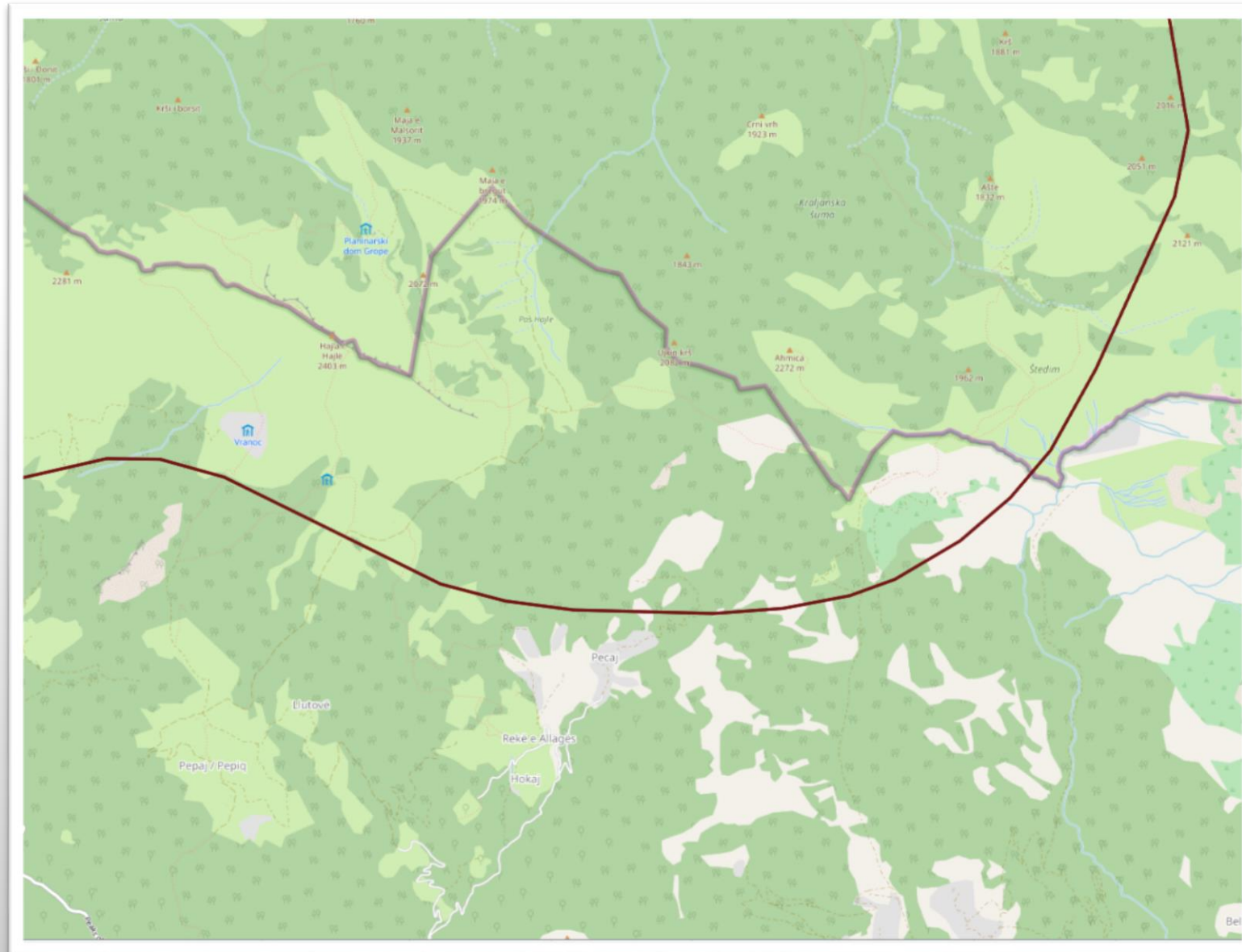
# WAHIS+ vision



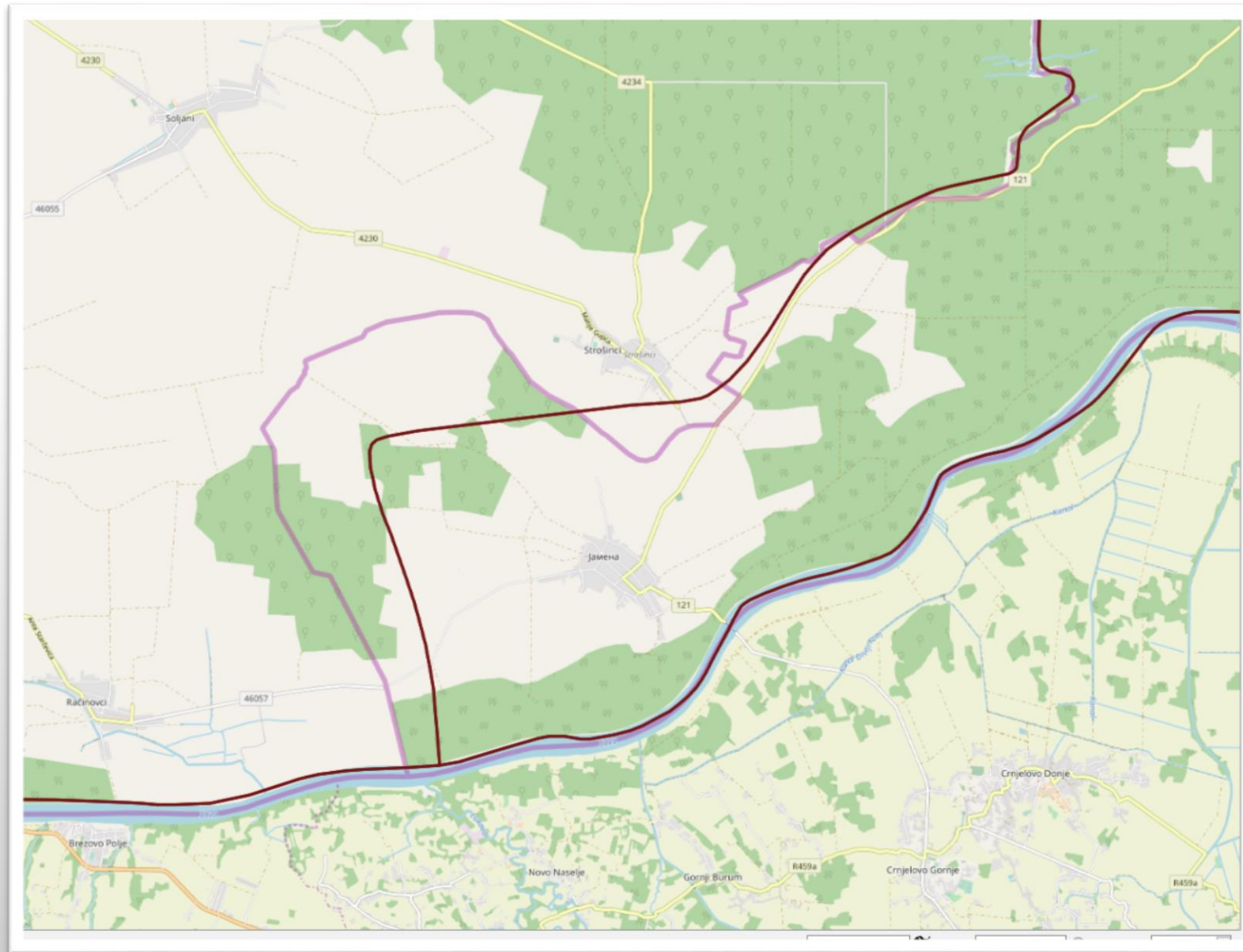
**Very different accuracy in spatial data (national and administrative L1 boundaries) provided by MC today**



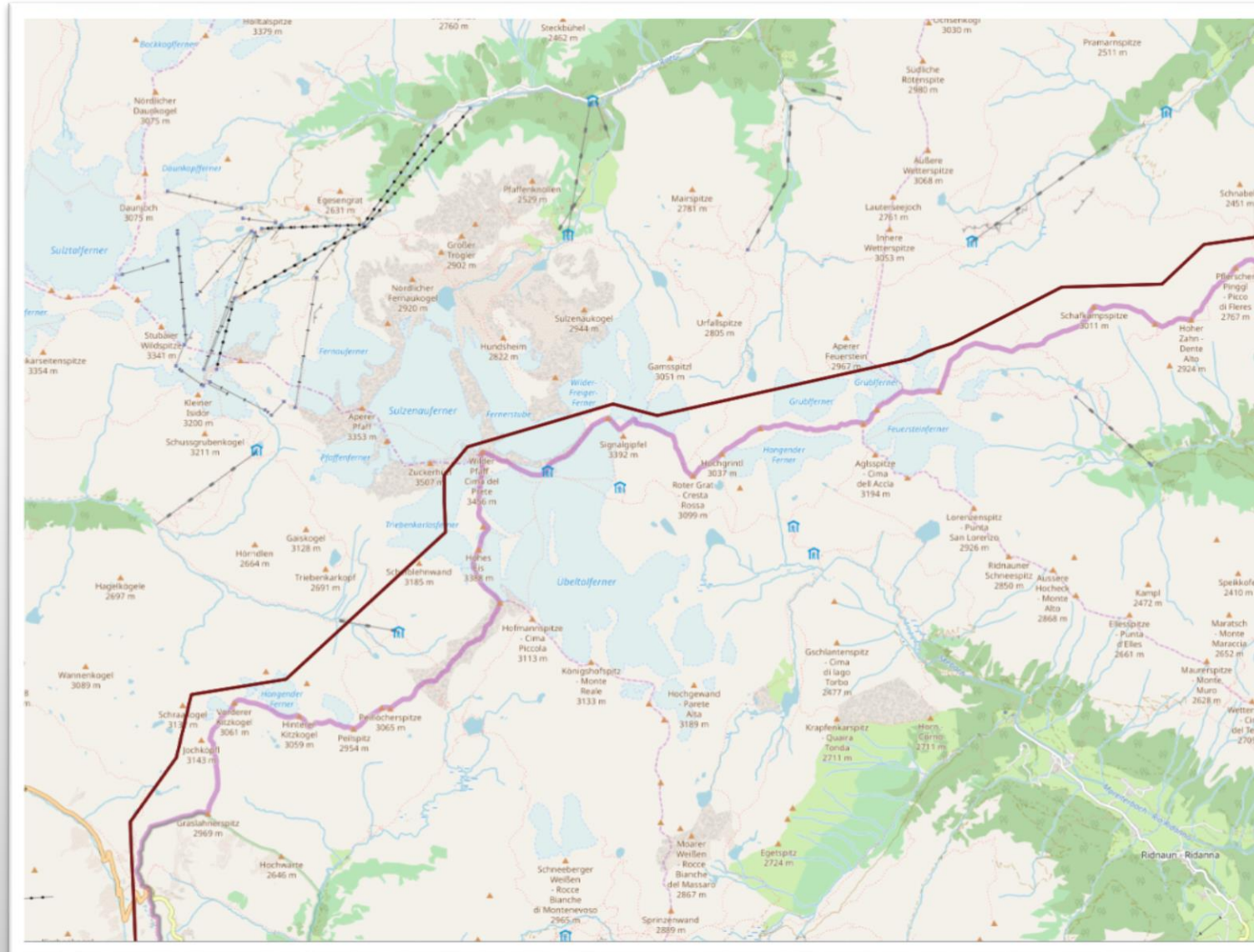
## Very different accuracy in spatial data (national and administrative L1 boundaries) provided by MC today



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# Very different accuracy in spatial data (national and administrative L1 boundaries) provided by MC today



# Zoning – technical issues

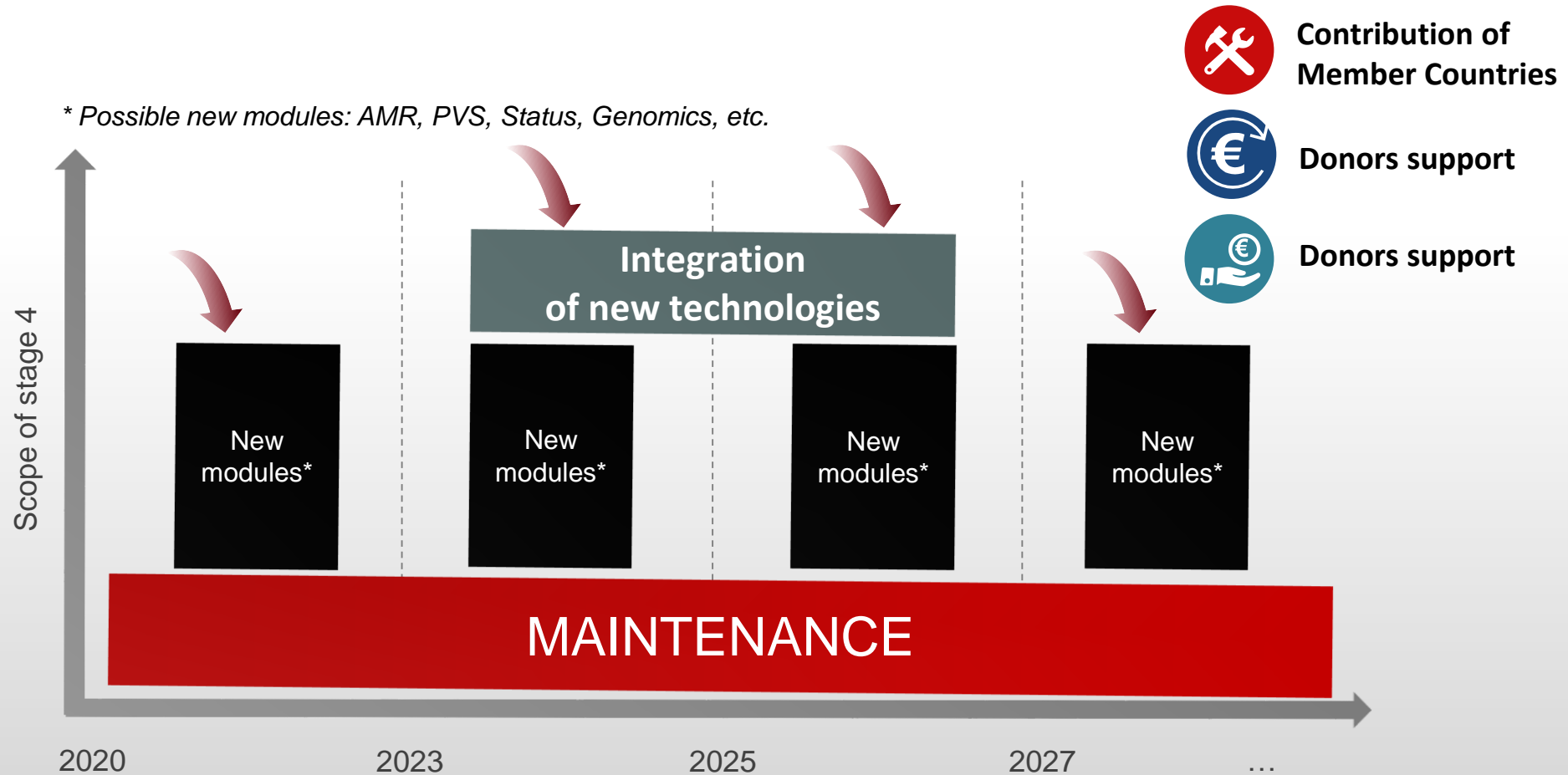
- The OIE Chapter provides a framework
- Data should be ideally submitted from MCs to the OIE with an harmonised standard
- Ongoing discussion of some OIE Collaborating Centers on a possible approach to set a common standard
- The impact will not be only on zoning

# Zoning – technical issues

- Geographic “standards” the MC have to follow currently to submit information to the OIE
  - Shapefile
  - GCS: WGS84
- No other guidelines
- No evaluation of quality
- No metadata

# Stage 4 – Optimisation and evolutive maintenance

Financial support



# Main conclusions

- WAHIS+ is close to come
- Major improvement in data collection, sharing and visualization
- Visualization of spatial data will be one of the major field improved
- Need to collect spatial data following a standard
- Impact not only on zones but in general on quality of data collected and displayed

# Thank you for your attention



Dr Paolo Tizzani

12, rue de Prony, 75017 Paris, France  
[www.oie.int](http://www.oie.int)  
[media@oie.int](mailto:media@oie.int) - [oie@oie.int](mailto:oie@oie.int)



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