

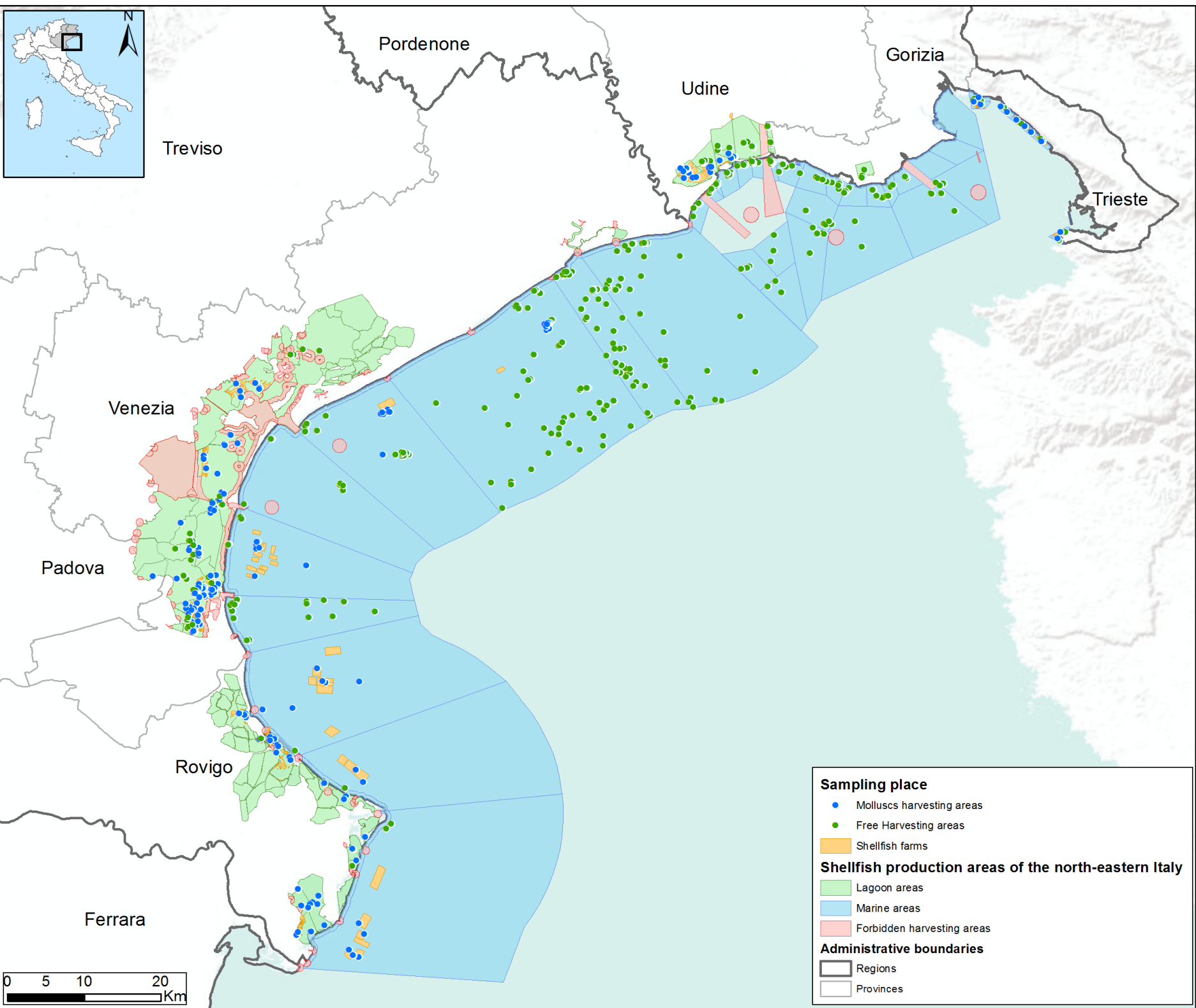
# Shellfish monitoring plans management in the Northern-East of Italy

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## Summary

In accordance with the guidelines provided for at the Community level, Member States should establish national control plans, on the basis of shared procedures involving official authorities, aquaculture production business (**APBs**) and laboratories. For the management of shellfish official controls in Northern Italy, an Information System has been developed, involving the Local Public Health Units (**LPHUs**), the related Veterinary regional Departments, the Istituto Zooprofilattico Sperimentale delle Venezie (**IZSve**) and the producers. From 2013 the new project has been implemented and it is now fully functional. IZSve represents the core of the RIS information network through the management of the Regional Data Bank (**RDB**) of animal farms and related industries, also connected with the National Vet Information System (**SINVSA**) for information debts fulfilment. Joined to RDB a web procedure has been implemented to record and manage all data on inspection and surveillance activities carried out by the LPHUs. For the regional shellfish monitoring plans, data set and the digital version of the official reports are transferred to **IZILAB**, the IZSve laboratory information management system (**LIMS**).

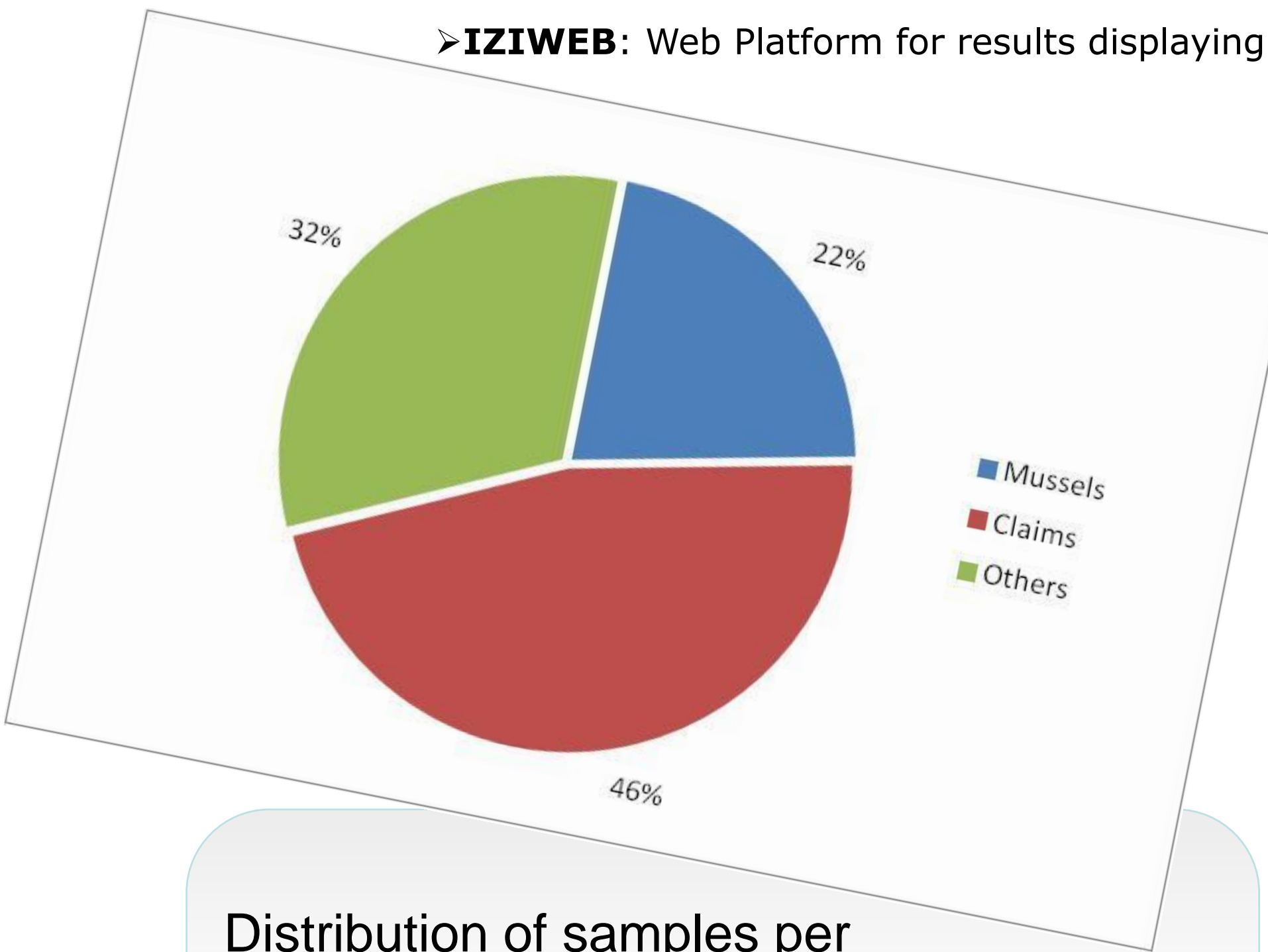
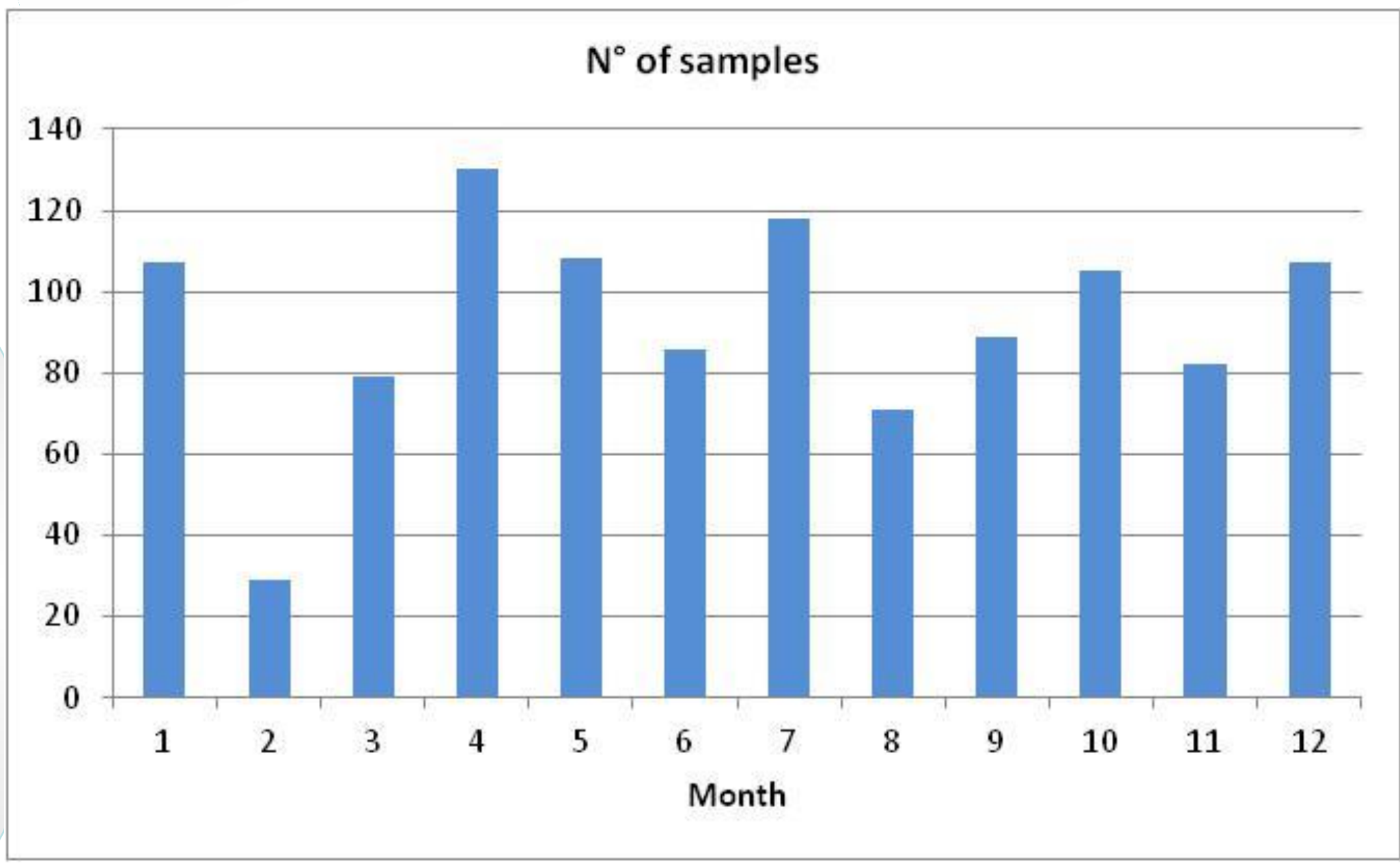
The aim of this paper is to show an overview of the whole shellfish-Information System (**S-IS**) and to highlight some example of application at the field level.



Relevant information regarding surveillance and monitoring programme can be showed

(the example refers to distribution of samples in wild beds or aquaculture production businesses (**APBs**) where same species can be farmed)

Data collection, validation and analysis aimed at evaluating seasonal distribution (the example refers to E.coli in 2018)



Distribution of samples per species collected in the framework of the monitoring programme for classification of production and relaying areas (the example refers to E.coli in 2018)

## Results and Conclusion

The system was developed to standardize both processes and terminology in use and to define harmonized information flows for the whole area. Interoperability with IZILAB ensures data exchange and information sharing in the veterinary administration. The dematerialization has reduced costs and enhanced official data quality and availability. The project has been involving the Veterinary Services of 9 LPHUs, the Chemistry and the Food Hygiene Laboratories and the Sample reception Unit of IZSve. The production component is also involved in the process, as a flow of data has been agreed on the results of the diagnostic tests from IZSve to the producers' association. From 2016 till now more than 11,305 samples has been collected. The implementation of the RDB of APBs and classified production areas since 1994, which included geographical data, has laid the foundation for the Shellfish-IS development. This new project has intended to optimize the way of communication between LPHUs and IZSve, using IT solution applicable at field level. The regular validation of data registered allows to monitor the improvement of the monitoring programme, to identify risky production areas, and to spread information of their sanitary status aiming at guarantee public health and food safety.