

OBJECTIVE

To maintain and update SHIPSAN information tools to: support establishment of the NSW (Directive 2010/65/EU) in relation to MDH storage and transmission; perform risk assessment/response to events; and issuance of SSC and information communication.

METHODOLOGY

Methods for completing the objective include:

- Data from pilot implementation of SIS and evaluation questionnaires were used to upgrade the system.
- Focus groups exploring possible links/interoperability/integration of SIS for SSC with existing systems in EU.
- Table top exercises conducted.

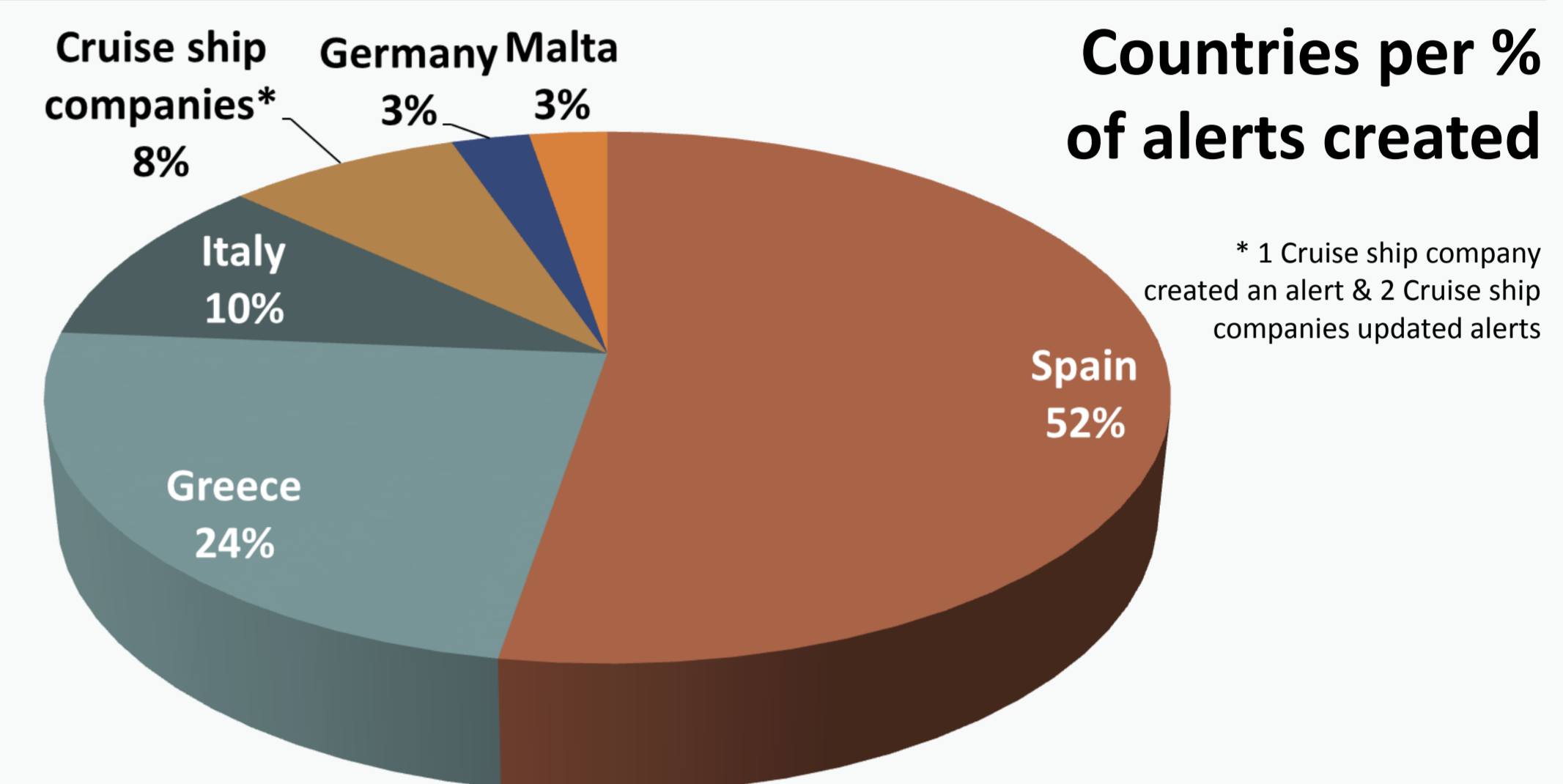
RESULTS

Updated SIS, under common platform (one login) available at <https://sis.shipsan.eu>

Communication network platform for EU ports

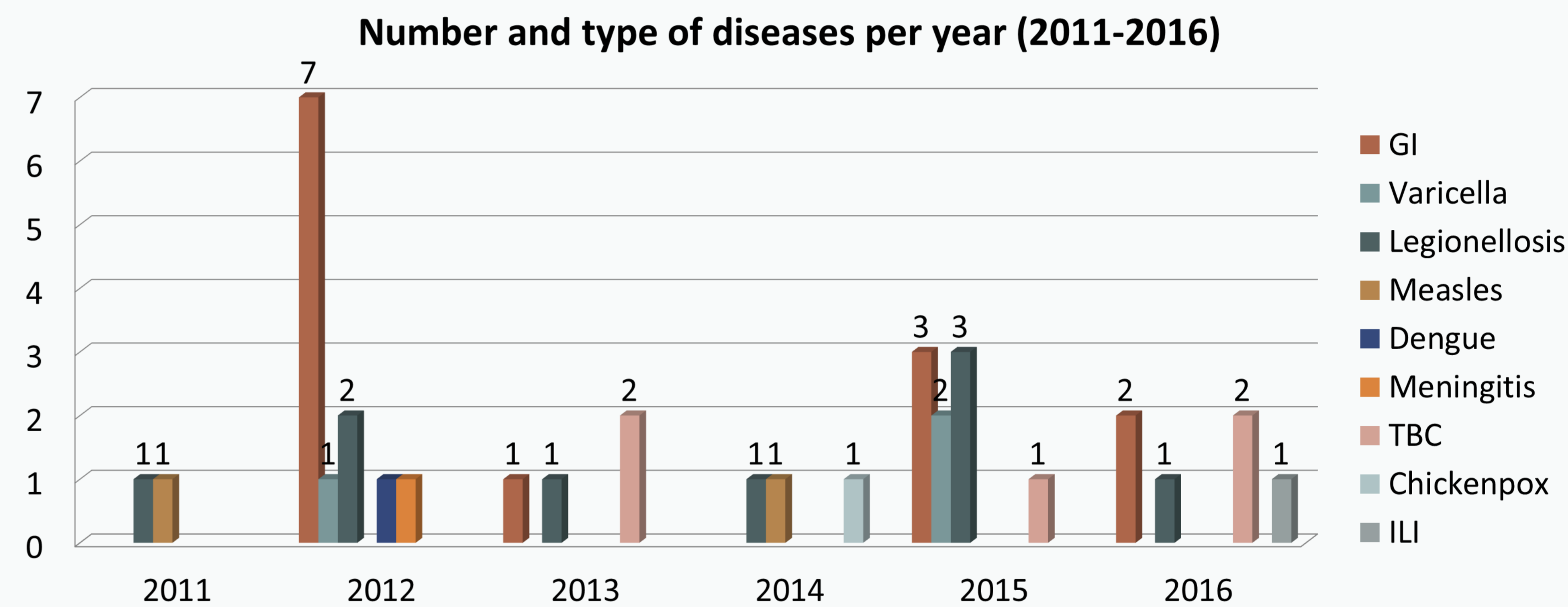
Functions:

- maintaining **registries** (ports, ships, competent authorities and inspectors)
- sharing **epidemiological information** in a standardized and confidential way
- recording **information for risk assessment**
- exchanging information** during an outbreak investigation



Disease	Events	Ships	Number of cases
GI	13	10	2041
Varicella	3	3	11
Legionellosis	9	9	10
Measles	2	2	32
Dengue	1	1	1
Meningitis	1	1	4
TBC	5	5	5
Chickenpox	1	1	1
ILI	1	*	65
TOTAL	36	32	2170

*The ILI event occurred simultaneously with a GI event and the ship has been included in the GI event count above.



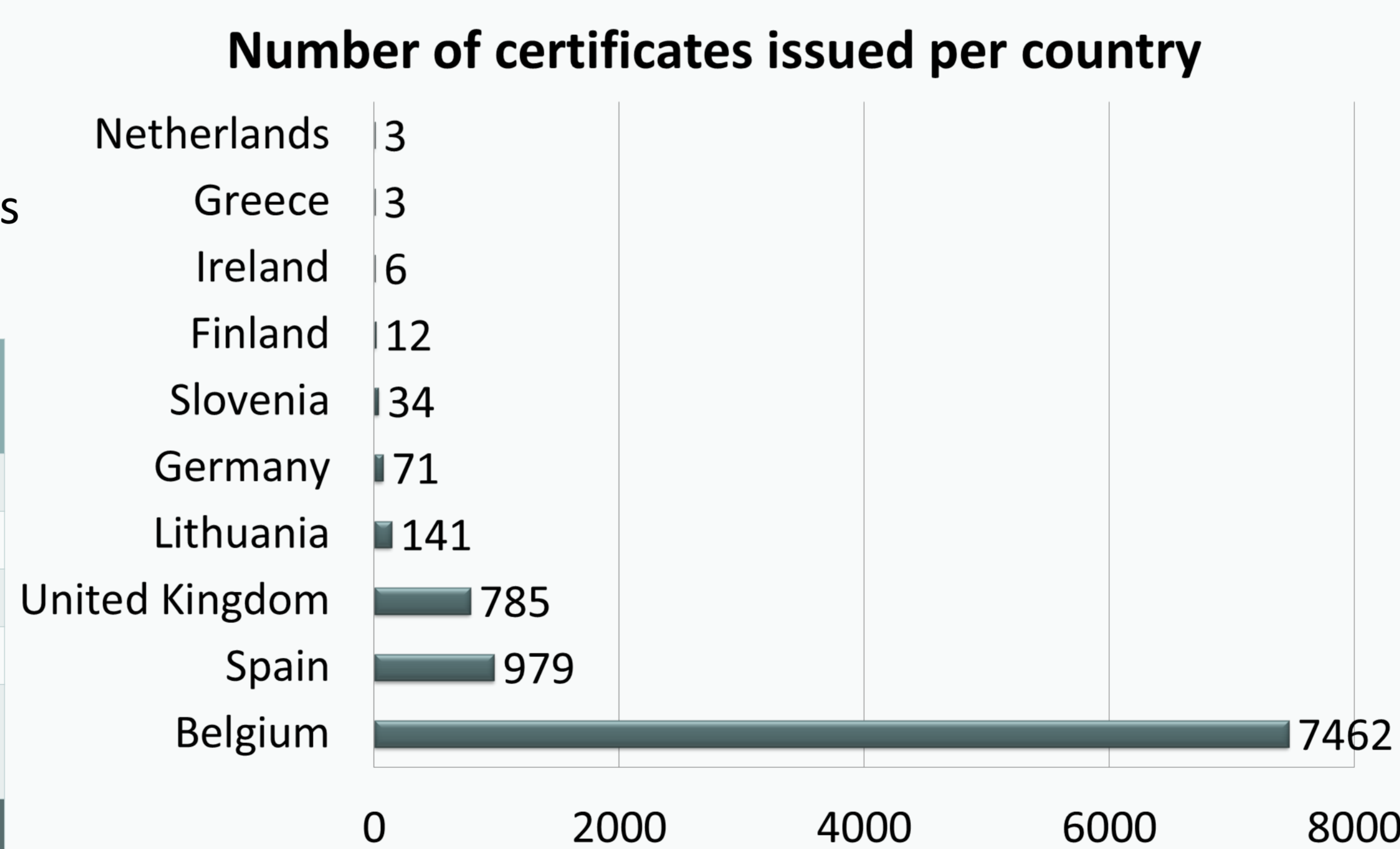
Information system for recording and issuing SSCs based on WHO handbook

Functions:

- Recording and issuing SSCs based on WHO handbook
- Generation and print of official documents related with the inspections (i.e. SSC and the Evidence Report).

238 inspectors registered to the database

Type of certificate issued/extension	Number
SSCEC	9111
SSCC	262
Extension	53
Pending status	57
Inspections without issuing certificate	13
Total	9496



European database for storing the MDH

- Developed and ready to receive data from EUMS
- EUMS competent authorities can have access and view positive MDH submitted to previous or next ports of call.
- Table top exercise conducted: **“Mapping the communication routes for information sharing in response to public health events in the maritime transport”**
 - 13 participants: ECDC, ELDSNet, National central and local (port level) level authorities.
 - Participants expressed a **positive opinion of the added value** of having a database for storing the “positive” MDH.

Database for recording inspections conducted against the European Manual

- New, updated, user-friendly database developed for recording inspections conducted against European standards
- 98 inspectors registered in the database

SIS is available to all EUMS
 Register to SIS at <https://sis.shipsan.eu>

IMPACT EVALUATION

- Almost **74%** of responders stated that they improved risk assessment, standard response, rapid information sharing and follow up of events related to maritime transport through use of the SIS information tools.

CONCLUSIONS

The tool allowed to share information among ports. Its wide use would warrant a better knowledge about health conditions on board as well as a coordinated response to public health events on ships

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Partners: 32 partners from 24 EUMS, European and international institutions, shipping industry. **Advisory Board:** DG SANTE, CHAFAEA, ECDC, WHO, CDC-VSP. **Associated partners:** Regional Health Inspection-Varna, Bulgaria/Regional Health Inspection-Burgas, Bulgaria/Hamburg Port Health Center, Germany/Robert Koch-Institute, Germany/National School of Public Health, Greece/Directorate of Health, Centre for Health Security and Communication Diseases, Iceland/Health Service Executive, Ireland/Ministry of Health, Italy/Klaipeda Public Health Center, Lithuania/National Institute of Public Health, Slovenia/Instituto De Salud Carlos III, Spain/Public Health England, Centre for Radiation Chemical and Environmental Hazards, United Kingdom/Association of Port Health Authorities, United Kingdom. **Collaborating partners:** Ministry of Health, Austria/Federal Public Service of Health, Belgium/Ministry of Health and Social Welfare, Croatia/Ministry of Health, Cyprus/Centre of Maritime Health and Society, University of Southern Denmark/Health Board, Estonia/Ministry of Labour, Employment and Health, France/Minister for Health, the Elderly and Community Care, Malta/Municipal Health Services Rotterdam, Netherlands/National Institute for Health and the Environment, Netherlands/Norwegian Directorate of Health, Norway/Ministry of Health, Portugal/Medical University of Gdansk, Poland/Ministry of Health, Romania/Ministry of Health, social services and equality, Spain/Ministry of Transport, Construction and Regional Development of the Slovak Republic