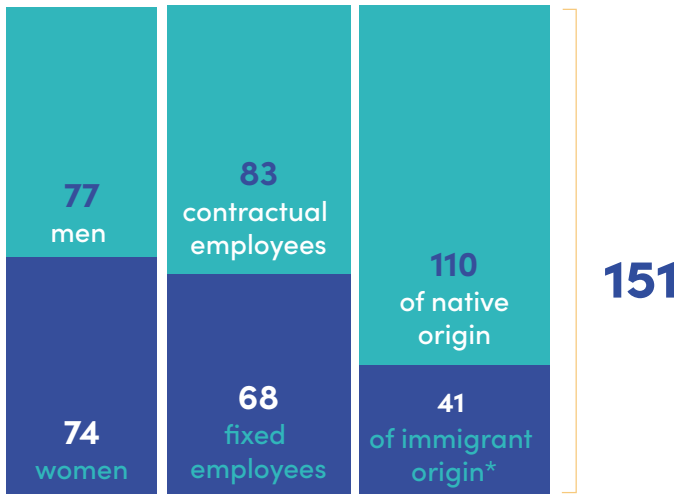


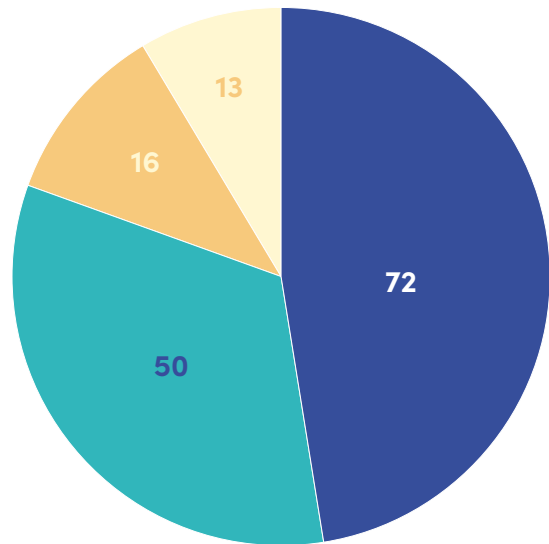
Social Indicators

Total employees



in 2021: 129, 2020: 126, 2019: 109, 2018: 90, 2017: 80, 2016: 66, 2015: 66, 2014: 64, 2013: 67, 2012: 58.

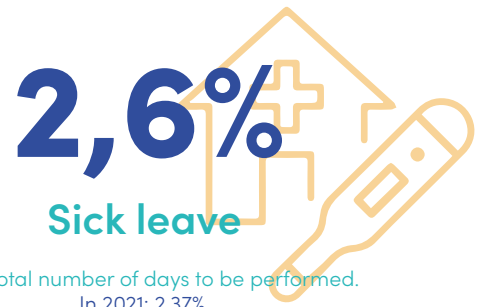
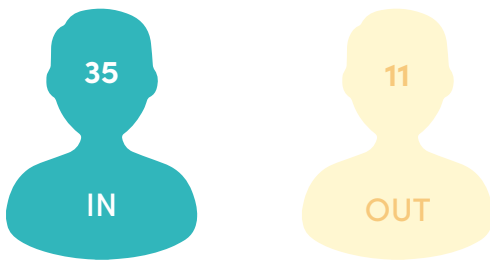
Age of the employees



Age:

■ ≤34 ■ 35-44 ■ 45-54 ■ ≥55

Staff turnover



Education level



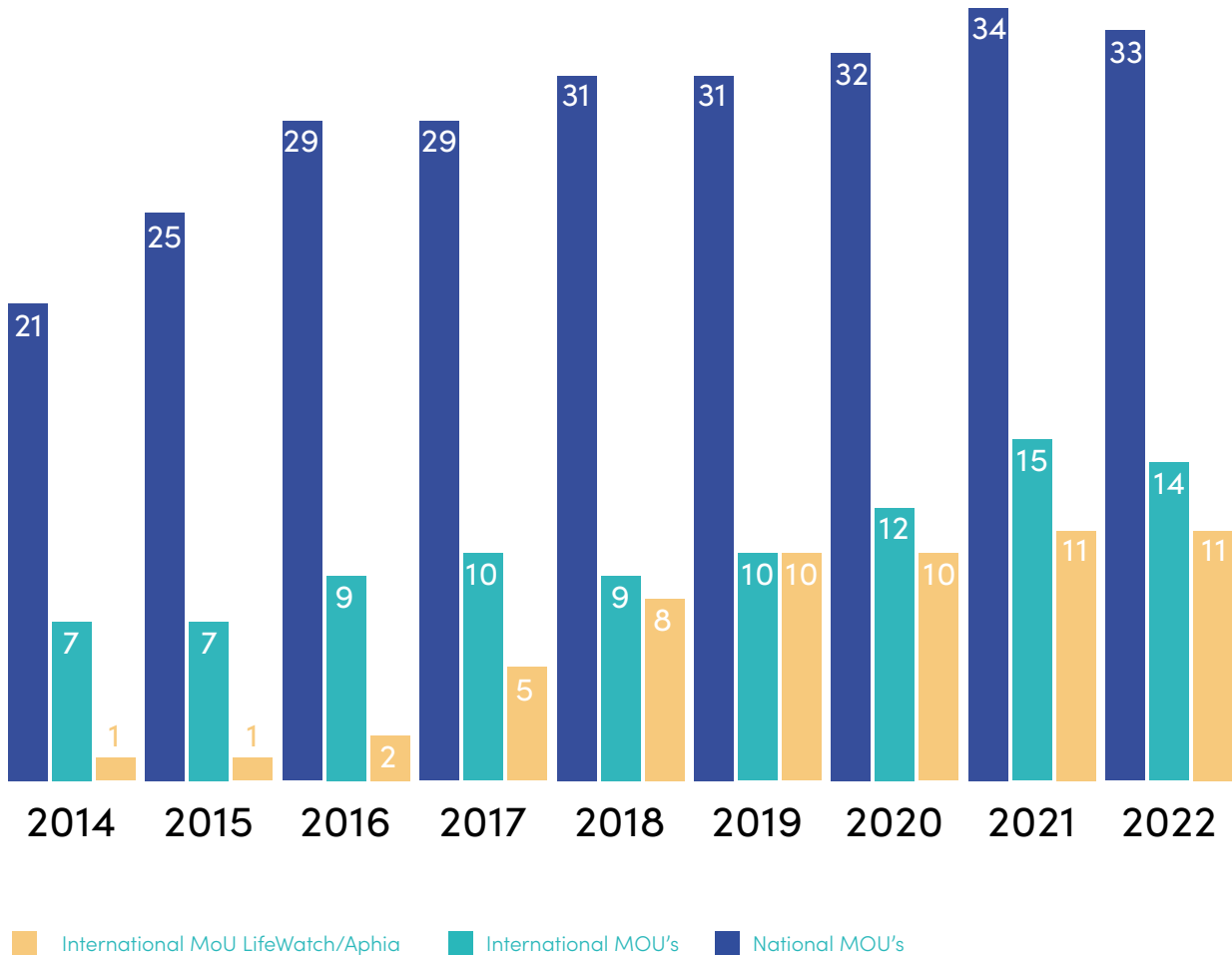
Of which 144 higher educated workers and 7 people who have completed at most secondary education (ESF definition).



The total number of days absent due to maternity leave, parental leave, time credit, leave of absence, illness, etc. relative to the total number of days to be performed.
In 2021: 21,3%.

* Source: Wikipedia (Flemish angle): a person residing in the Flemish or Brussels region, and of whom at least one grandparent was born outside the European Union - excluding the other Western and Northern European states, the USA or Canada.

National and international cooperation agreements



The number of ongoing Memoranda of Understanding by year for the period 2013–2022, broken down into national MOUs, international MOUs, and international MOUs under LifeWatch/Aphia.

A list of all agreements can be accessed at [Cooperation agreements | Flanders Marine Institute \(vliz.be\)](https://www.vliz.be/en/Cooperation%20agreements)

Research projects

22

Initiated research projects with external budget

In 2021: 12 Initiated research projects with external financing (all in Euro).

External financing 2022 (started in 2022)				
Project	Total project budget	Budget VLIZ	Partners of VLIZ	Of which are Belgian/ Flemish
EOSC-Future	40.877.088,83	155.156,25	93	5
Greenfeedback	7.555.182	470.500	13	2
Blue Balance	1.522.780	213.244	5	4
IG-Waves	803.390	337.953	3	3
PREP4BLUE	4.997.696,25	343.562	17	3
Imagine	4.500.000	426.750	25	1
Marbefes	12.915.069,54	666.875	20	1
SOS-Zeropol	2.998.100	286.351	10	1
BIO-Ocean 5D	15.449.902,5	97.219	24	2
MSP4BIO	3.490.501,25	302.925	17	2
Fair-Ease	4.738.125	321.925	25	3
GEO-Inquire	13.923.475,77	252.500	49	2
Blue Mission BANOS	2.999.993,5	295.938	17	1
EDITO INFRA	2.999.850	1.299.850	2	1
Marco Bolo	8.255.036,75	672.653	25	2
SBEP	23.000.000	389.843,75	58	8
Life on the Edge	93.225	93.225	1	1
Testerep	2.062.154	660.693,76	4	4
<100 jarige scheepswrakken	14.352	14.352	1	1
PLASTIC PIRATES	30.000	30.000	1	1
Mariene Robotica BAR	1.510.811,42	1.510.811,42	1	1
Veerkracht voor Kustvloot BAR	2.944.892,4	2.944.892,4	1	1

Environmental indicators



70.822

Total prints and copies

one print/copy corresponds to one page.
In 2021: 42.367.

39.466 m³

Gas



In 2020: 33.394 m³.*

421 m³

Water



In 2021: 305 m³.

256.283,70 kWh

Electricity



In 2021: 266.230 kWh.

*There is no data of the gas consumption from the year 2022, hence depicted here are the numbers from 2021 and 2020.

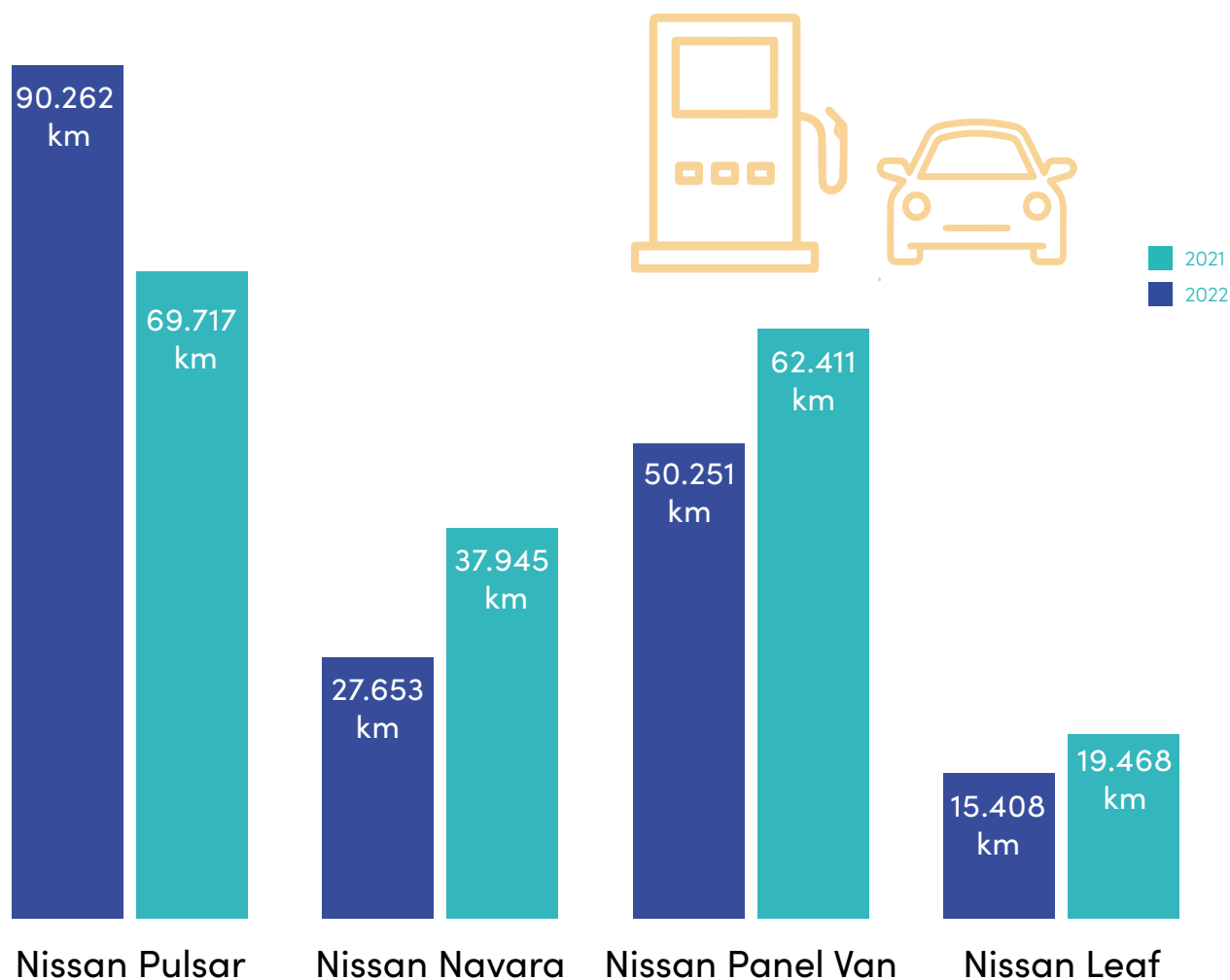
€ 92.269

**Train-, tram- and bike-allowances
paid back to employees**



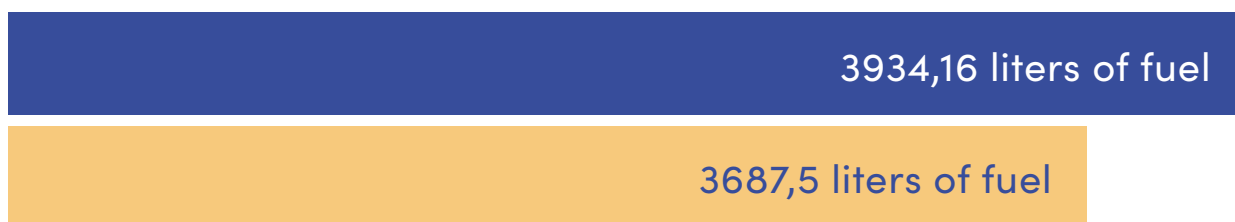
In 2021: € 88.589.

Mileage VLIZ cars end 2022

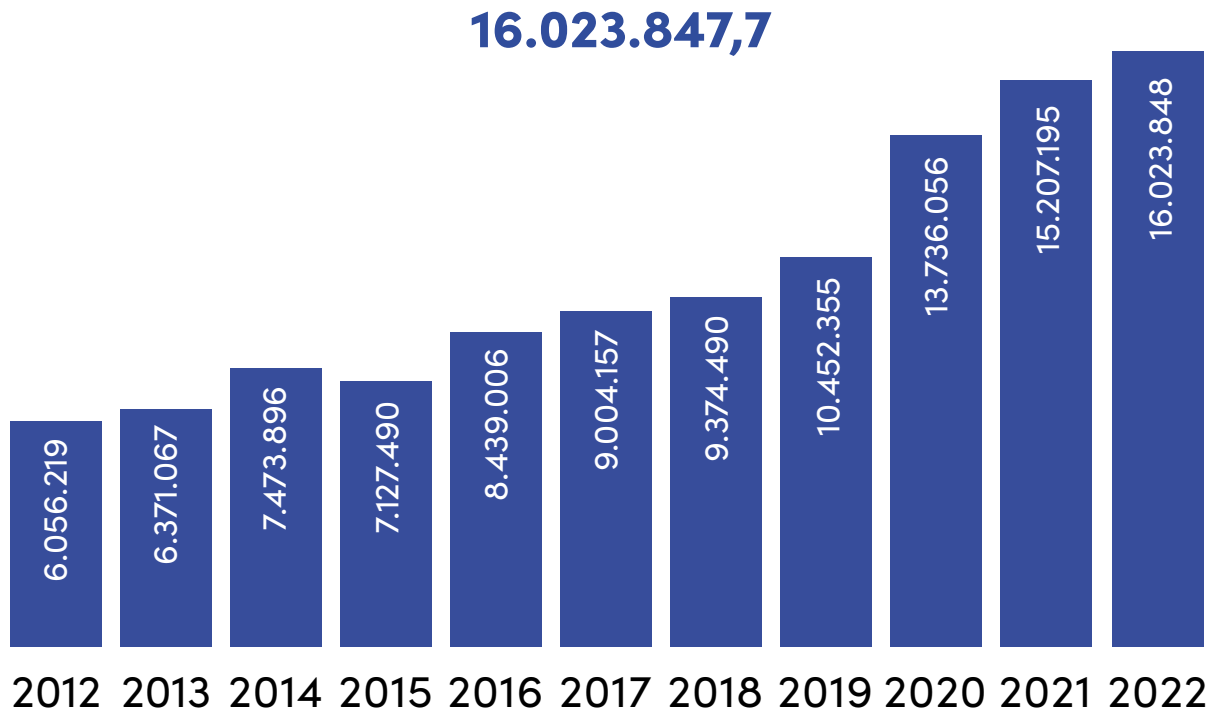


Fuel consumption

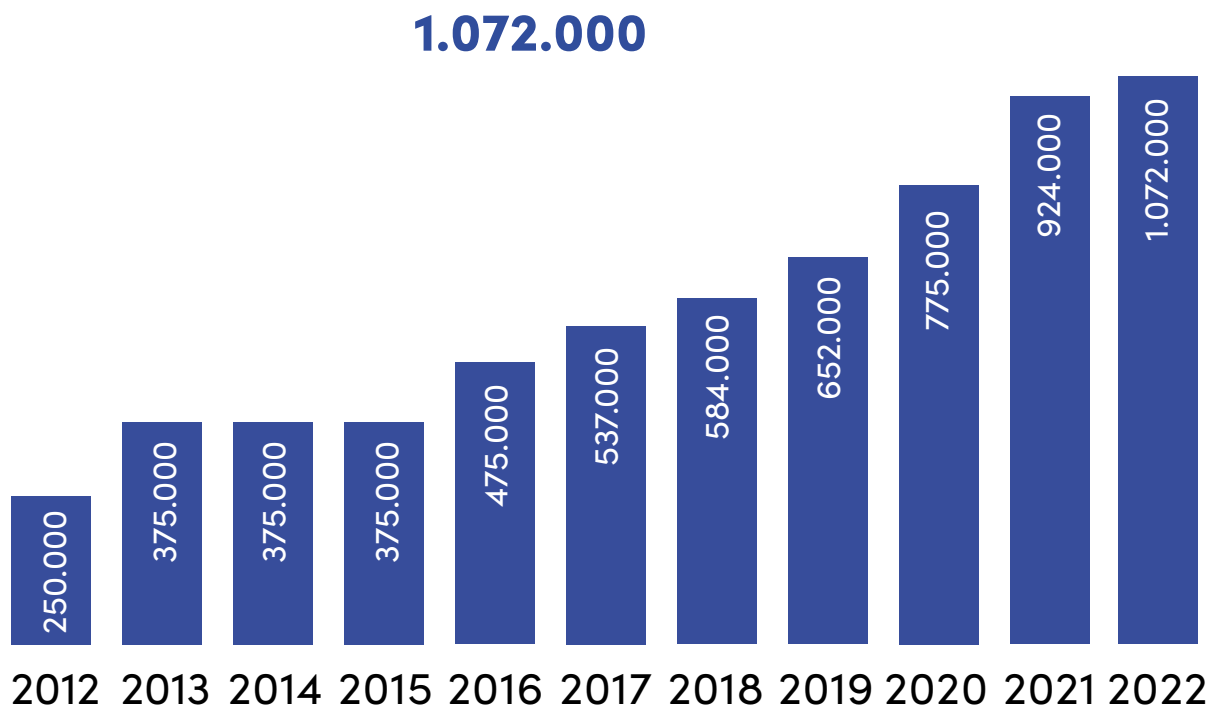
2020
2022



Turnover VLIZ (in euros)



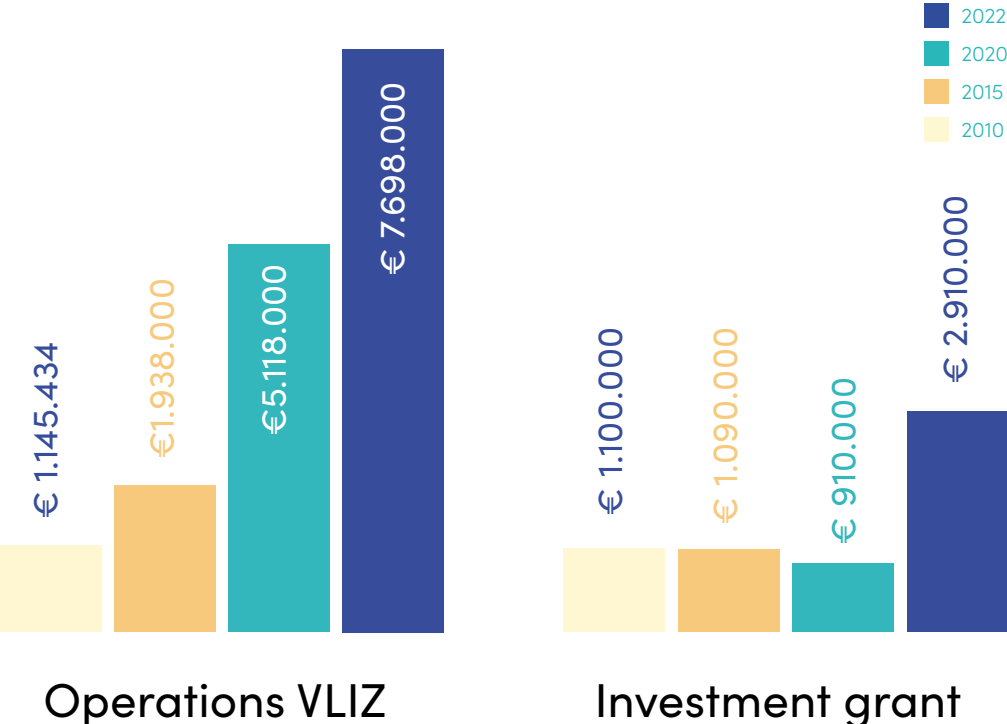
Social Liability (in euros)



Overview of grants

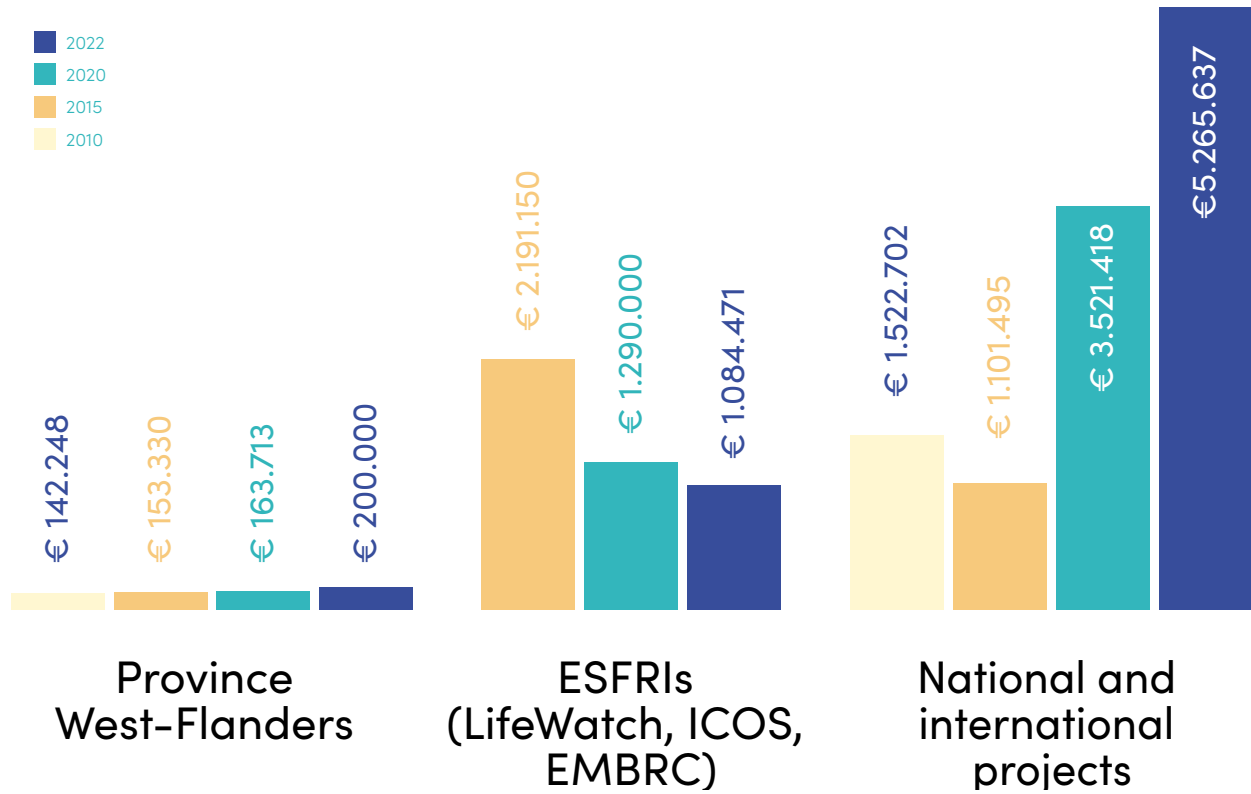
Flemish grants (in euro)

10.608.000



External financing (in euro)

6.585.108



The external financing constitutes 62% of the Flemish grants.
In 2021: 76%.

Overnight stays

107

The number of overnight stays in Ostend by visitors to the InnovOcean site or for events organized by InnovOcean partners in Ostend.

In 2021: 80.

Visits with an international character

34

Meetings and events with an international character continued in Ostend with a total of 1014 participants.

In 2021: 7 visits with 2013 participants.

Participants in organized events

5982

Participation in events (co)organized by the VLIZ.

In 2021: 4004 participants in events.

Business trips

69

Amount of business trips to 22 different countries.
In 2021: 41 trips to 8 countries.

VLIZ-awards

 12

Awards presented by VLIZ, including 1 for undergraduate students, 2 for master's students, 5 for doctoral students, 2 for postdoctoral researchers and 2 for both master's students, doctoral students, and postdoctoral researchers.
In 2021: 9 awards.

Information questions

280

Questions

Total number of informational questions answered on all VLIZ departments through info@vliz.be.
In 2021: 232.

1598

Requests

Total number of literature requests (including information requests) to the library via library@vliz.be.
In 2021: 1523.

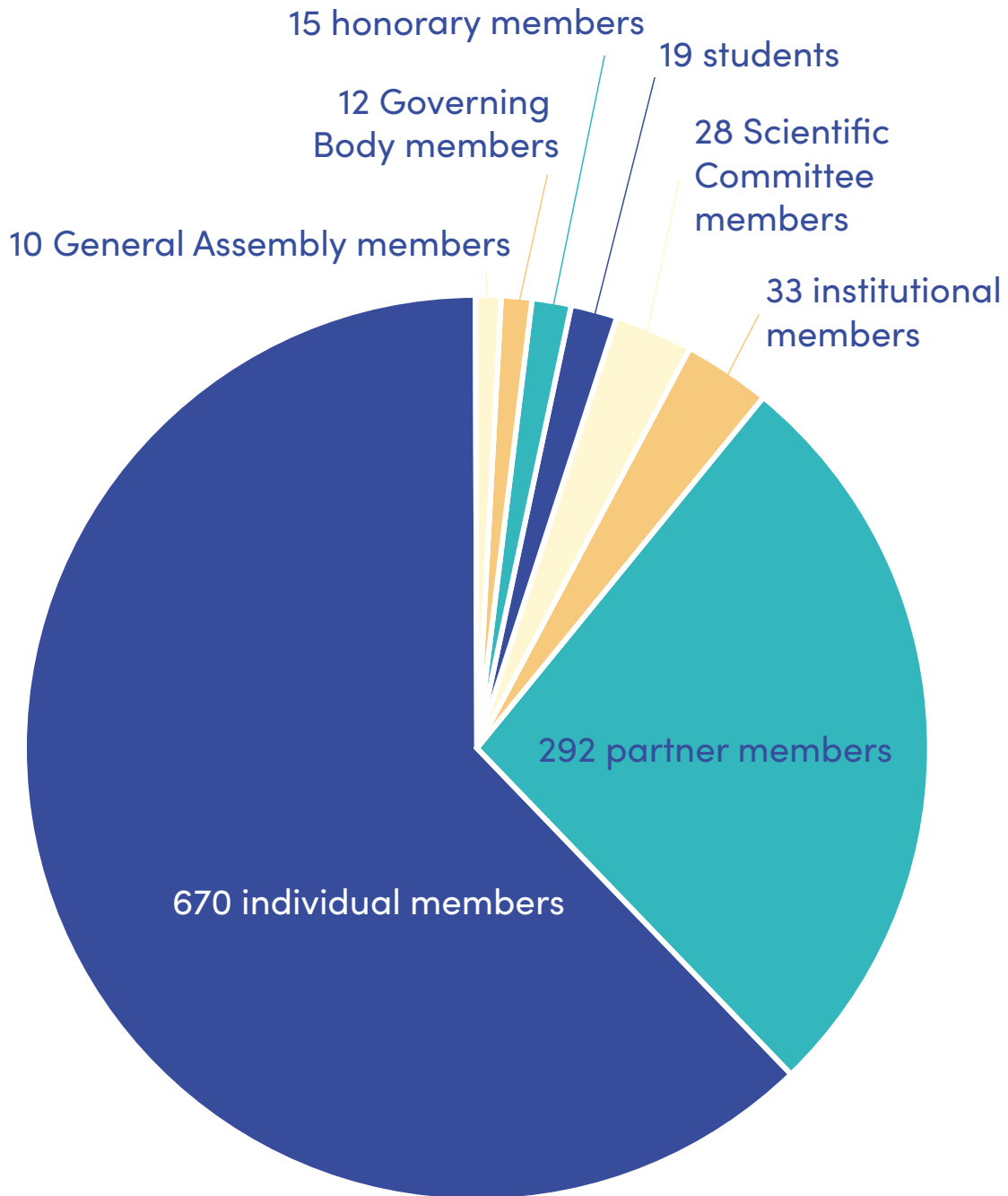
4

Compendium

Total number of information requests about the compendium.
In 2021: 22.

VLIZ-members

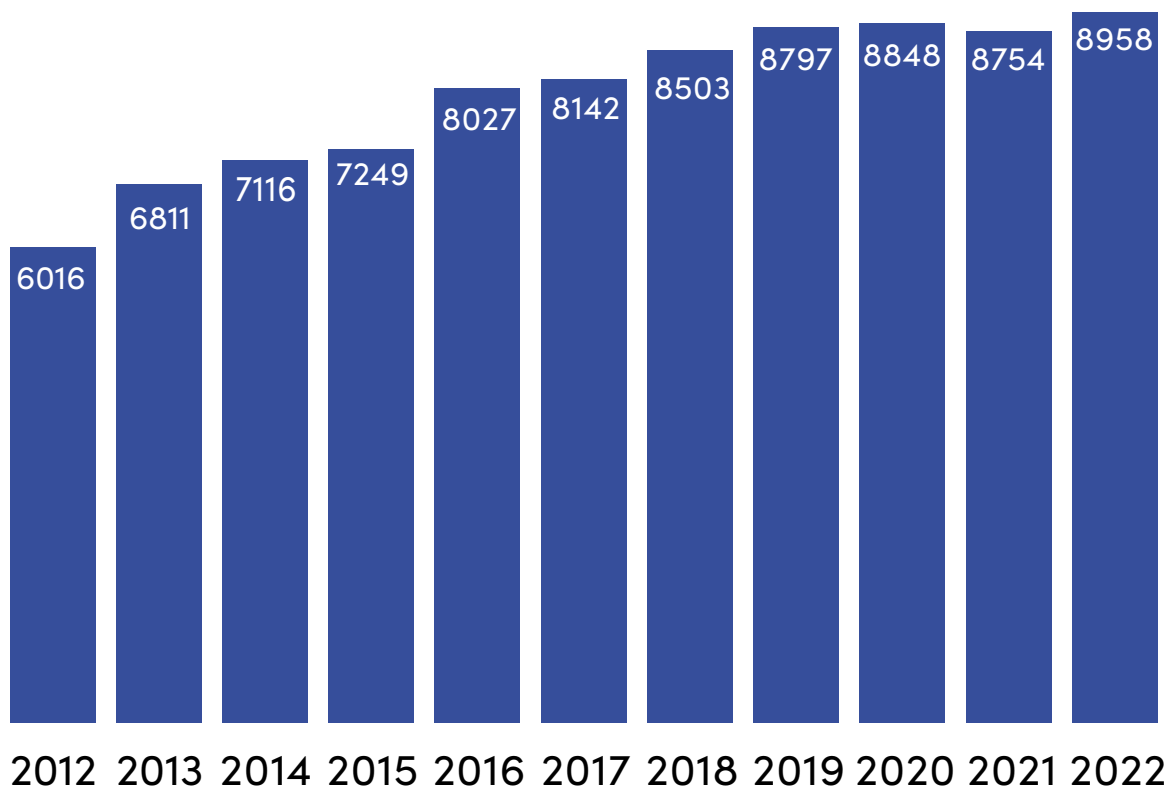
1079



Subscribers De Grote Rede

8958

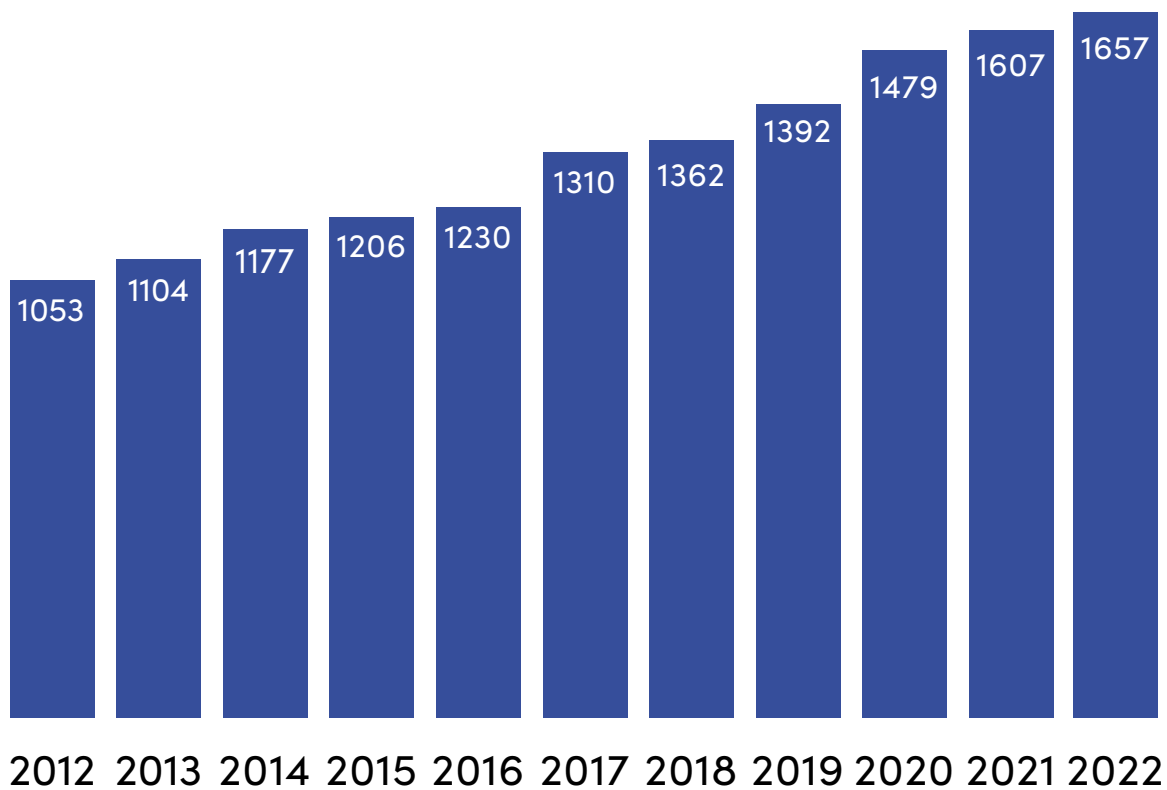
Number of subscribers to De Grote Rede (since 1999), of which 8201 subscribers receive the paper version and 757 subscribers receive the digital version.



Subscribers VLIZINE/Testerep magazine

1657

Number of monthly subscribers to Testerep magazine.*



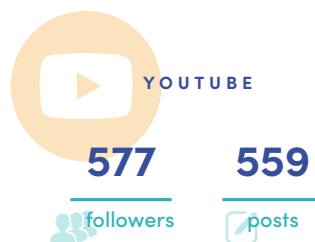
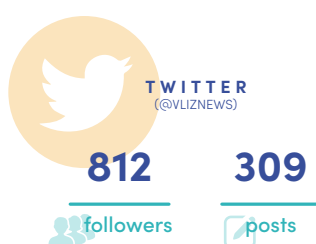
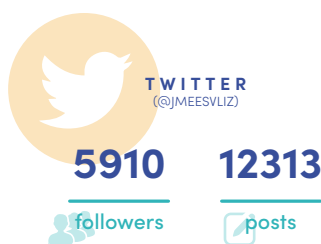
* Since September 2020, 'Testerep magazine' replaces the VLIZINE newsletter.

Broad audience reached through lectures

2369

Members of the general public reached through 47 informational talks in the VLIZ and beyond.
In 2021: 1100 members of the general public reached through 28 informational talks.

Social media reach



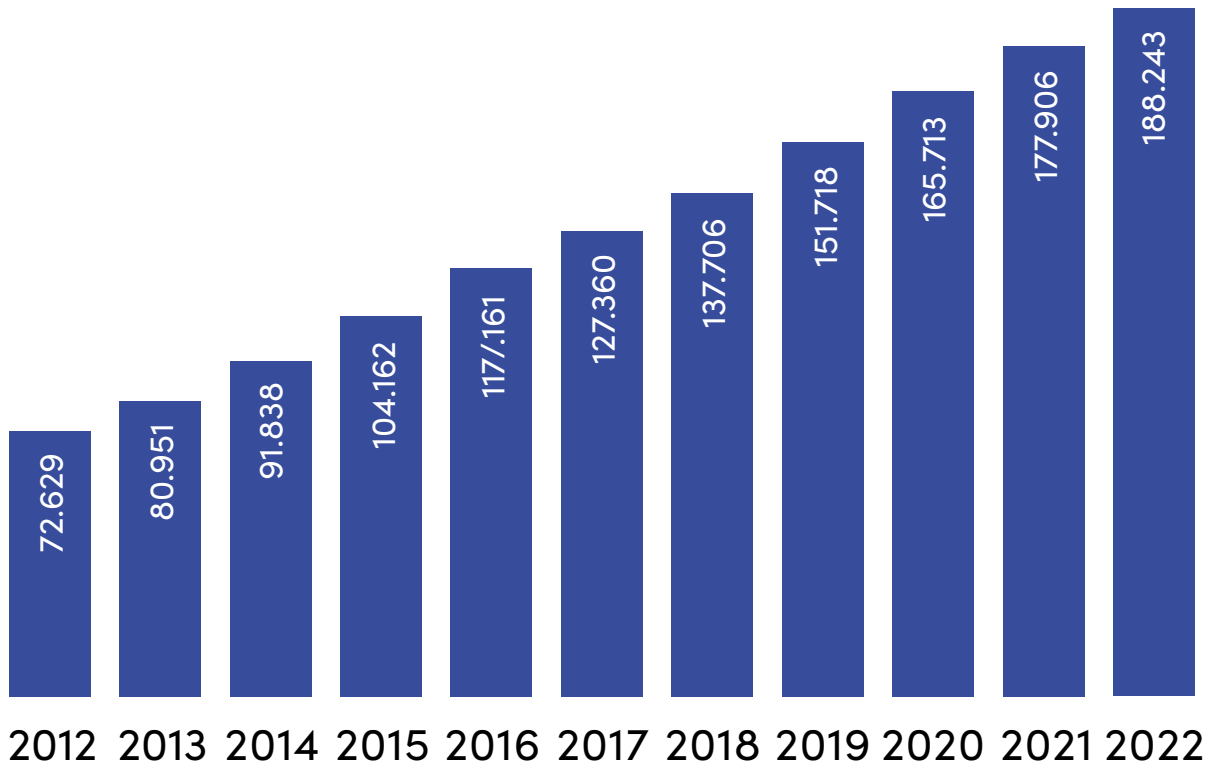
Library collection growth

188.243



Publications

Total number of publications in the library (paper or digital), i.e., the cumulative growth of the paper and digital collection. In 2021, the collection expanded by 10.337 new publications of which 96% were digital and 4% on paper.



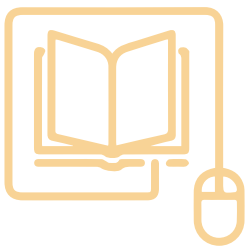
VLIZ-publications

127 

Publications

Publications with at least one author affiliated with the VLIZ or for which VLIZ is the publisher.
In 2021: 126.

Number of Literature Requests



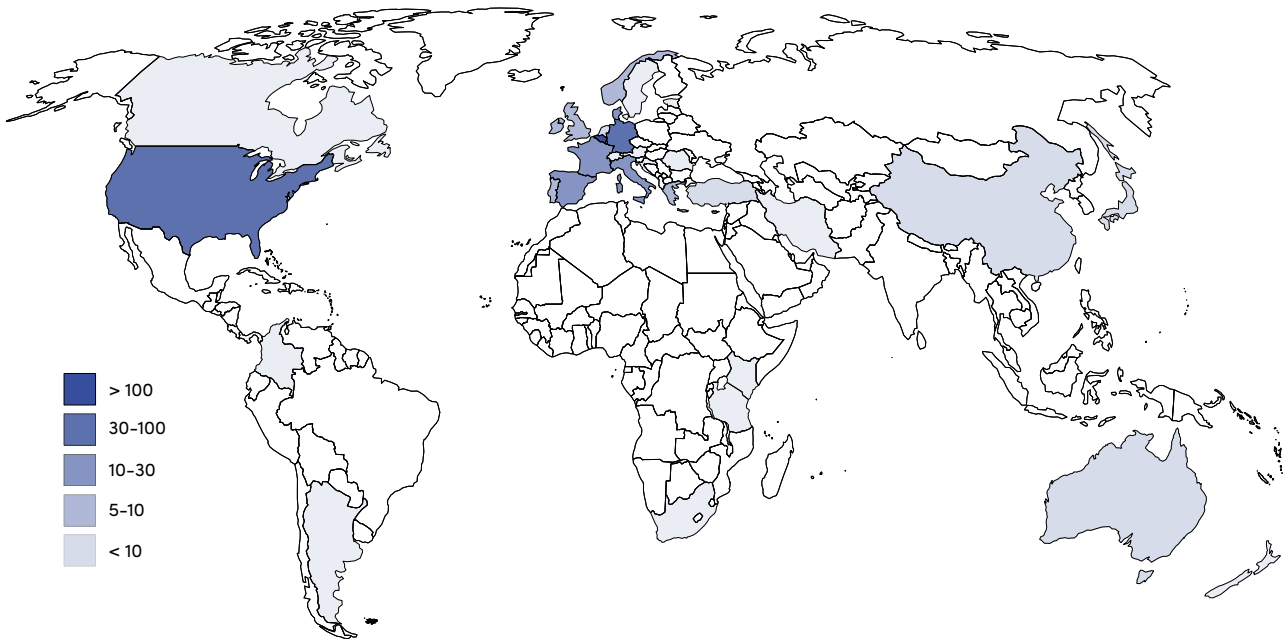
1598
Literature requests

In 2021: 1523.

95% 
Literature requests
delivered within one
business day

In 2021: 92%.

Researchers and research groups on A1 publications



These numbers add up to more than 423 because some Belgian scientists are also affiliated with foreign institutions.

423

Researchers

Number of researchers on all A1 publications with a VLIZ staff member as author (See KPI 1), including 94 Belgian and 329 international researchers (see world map).

In 2021: 451 researchers including 93 Belgian and 358 international researchers.

278

Research groups

number of research groups on A1 publications with a VLIZ staff member as an author, including 39 Belgian and 239 international research groups.

By 2021: 294 research groups including 41 Belgian and 259 international researcher groups.

Citations



2282

Citations

The average increase in the number of citations to all VLIZ publications over the period of 2020 - 2022.
In 2022, the number of citations to VLIZ publications was 2547.

Courses



1200

Training hours

Attended by 187 employees.
In 2021: 1224 training hours attended by 107 employees.

Use MSO



172

Calendar days
per year

in which externals use the MSO for scientific or educational purposes.
In 2021, there were 173 calendar days per year in which externals use the MSO
for scientific or educational purposes.

Number of scientific projects using the Simon Stevin

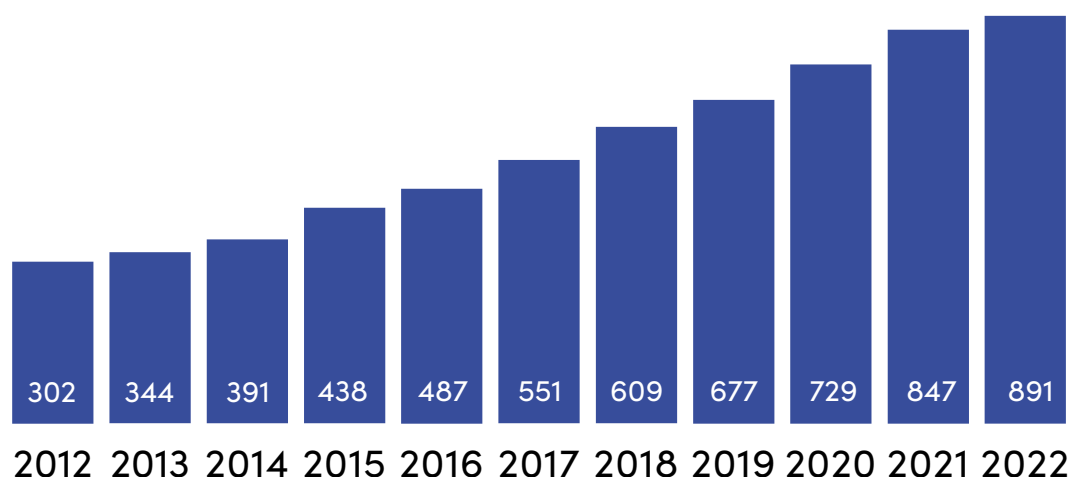


Publications about VLIZ research facilities

891

Publications in 2022

Publications referring to VLIZ equipment, such as the Simon Stevin, RV Zeeleeuw, or robotics.
These figures are cumulative.



Borrowing of VLIZ equipment

4

Number of times VLIZ
equipment was borrowed

In 2021: 16.

Downloads

859.661

Total downloads

from the Open Marine Archive (OMA)
In 2021: 1.329.655; 2020: 1.267.100; 2019: 884.540; 2018:
705.418; 2017: 794.376; 2016: 970.932; 2015: 510.018; 2014:
389.183; 2013: 194.947

1.336.327

Total number of Open Access titles

downloaded from the library collection
2.150.213 in 2021

37.286

Unique titles downloaded

from the Open Marine Archive in 2022.
In 2021: 37.049.

56.804

Unique Open Access titles

downloaded from the library collection.
In 2021: 58.230.

17.262.049

Number of data downloads since 2006

In 2022, the number of data downloads was 4.531.881.
In 2021: 12.703.168; 2020: 10.054.281; 2019: 7.618.172; 2018: 5.755.508;
2017: 4.494.966; 2016: 3.220.042; 2015: 2.056.651; 2014: 988.409; 2013:
687.463; 2012: 533.349 .

	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
Meetnet Vlaamse Banken	12.820	1.623	262	230	220	73	43	40	24	0
Spuikom	12.550	4.240	4.414	3.979	5.336	5.014	1.676	1.011	1.267	1.650
IOC Sealevel monitoring facility	119.348	284.518	1.052.948	1.145.428	1.248.812	1.237.284	1.839.158	2.222.396	2.642.936	4.467.244
Marine Regions	7.944	9.087	9.628	12.743	16.633	19.715	20.706	24.100	21.704	25.869
WoRMS	183	224	53	118	129	106	230	222	227	309
EMODnet	700	780	797	776	831	1.052	644	1.309	1.002	1.181
Schelde Monitor	569	474	140	159	87	174	165	603	208	226
MIDAS	NA	NA	NA	NA	54.533	39.580	10.709	81.606	8.519	35.375
Totaal	154.114	300.946	1.068.242	1.163.433	1.326.581	1.302.998	1.873.331	2.331.287	2.675.887	4.531.881

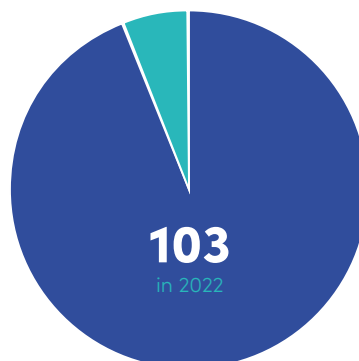
Registered users VLIZ databases



of databases managed by VLIZ.
In 2021: 5145.

People with an ORCID ID

94%



KPI FOSB: The proportion of persons with an ORCID ID in the following population: The total in FRIS registered researchers ever involved in a research project (in whole or in part) and financed with Flemish public funds and affiliated with a Flemish research institution at certain reference date in the year of measurement.

New projects with a DMP



New projects with a DMP

KPI FOSB: The number of projects for which an initial DMP is available from newly started research projects (fully or partially) financed with Flemish public funds. (Until 2022 the funding sources are limited to BOF/IOF, FWO and VLAIO, from 2023 the KPI applies to all Flemish research funders).

Data-analysis and trainingsworkshops organized



Data-analysis and training-workshops organized

In 2021, there were 4 Data-analysis and Trainingsworkshops organized.

Participation in consultation moments, consultation forums and organized events related to the Blue Economy and/or marine policy



Participations

Participation in consultation moments, consultation forums and organized events related to the Blue Economy and/or marine policy.

Updating the inventory of the marine research landscape in Flanders (Compendium for Coast and Sea)



Annual update of the inventory

of the marine research landscape in Flanders (Compendium for Coast and Sea) based on an exhaustive survey of the scientific literature databases.

Opinions that contribute to the scientific underpinnings of marine and/or Blue Economy policies



Opinions

that contribute to the scientific underpinnings of marine and/or Blue Economy policies

Data provided

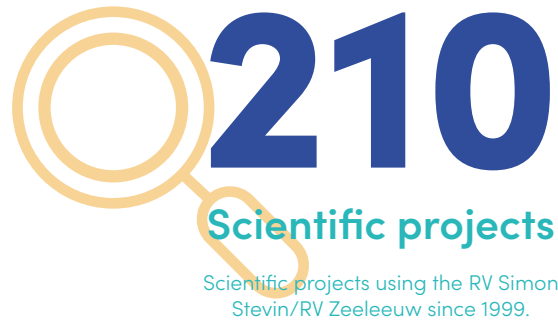
371

(94 in 2022 alone)

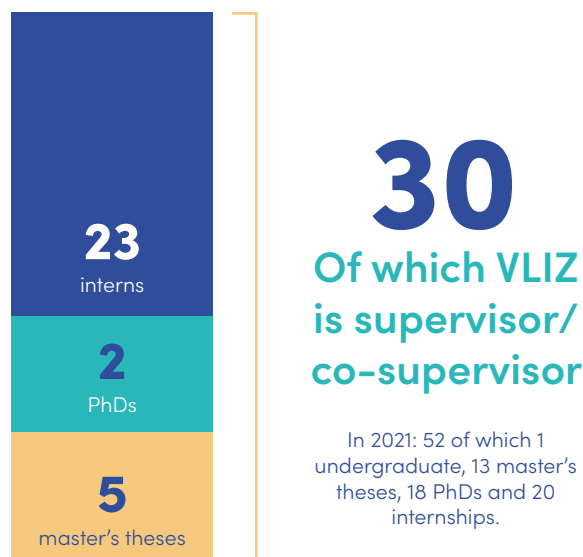
Number of data requests

through data@vliz.be
in 2021: 275.

Scientific projects



Bachelor's and master's theses, PhD's and internships



Sailing days realized

227

Sailing days

Number of sailing days realized	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
RV Simon Stevin	100	147	183	176	184	168	169	182	137	163	173
RV Zeeleeuw	57	NVT	NVT	NVT	NVT	NVT	NVT	NVT	NVT	NVT	NVT
RIB 'Zeekat'	37	5	17	21	18	12	28	28	64	73	47
ROV 'Zonnebloem'	6	26	20	4	3	11	10	11	0	NVT	0
Third-party vessels	110	42	48	50	36	43	63	34	42	38	7
Total	310	220	268	251	241	234	270	255	243	274	227

Sailing days with international participation

23

Vessel days conducted in foreign waters and/or with the participation of international research groups

in 2021: 0.