



Marine Monitoring

CMEMS status and catalogue evolution

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EMODnet – CMEMS coordination meeting
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Implemented by





Marine
Monitoring

Status on users

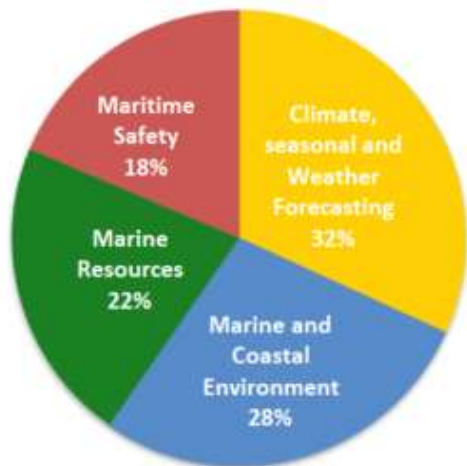
	End 2016 Reminder	End 2017 Reminder	End 2018 Reminder	End 2019	March 2020
Subscribers	8 569	11 592	15 774	21 176	22761
Countries	120	120	120	120	120
Organisations	2 188	2 644	3 208	4 034	4168

2019:

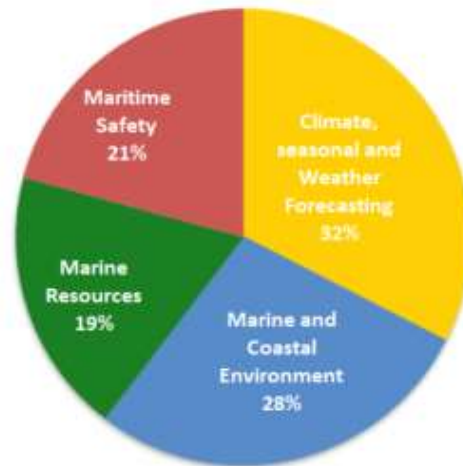
- ** Different users who downloaded products: 7371 (↗ 46% compared to 2018)
25% out of them download products each day
- ** Total volume downloaded 2 290 TB (↗ 67% compared to 2018)



CMEMS - Area of Interest Subscribers 2019



CMEMS - Area of Interest All Subscribers

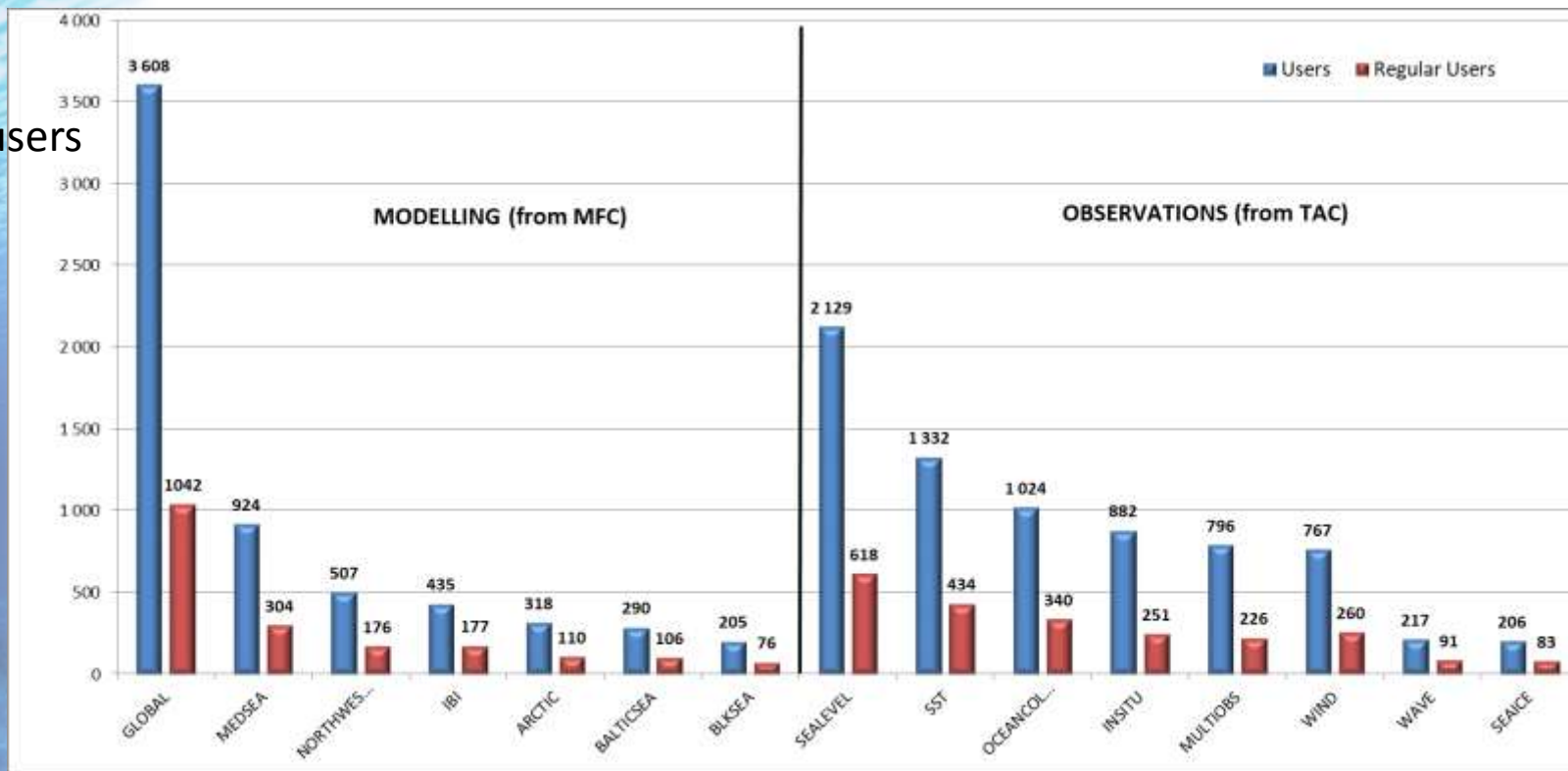




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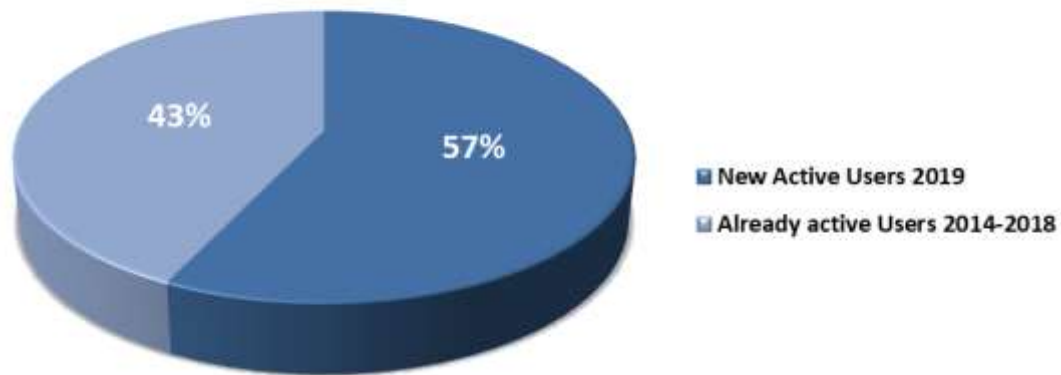
Status on user: product families downloaded

users





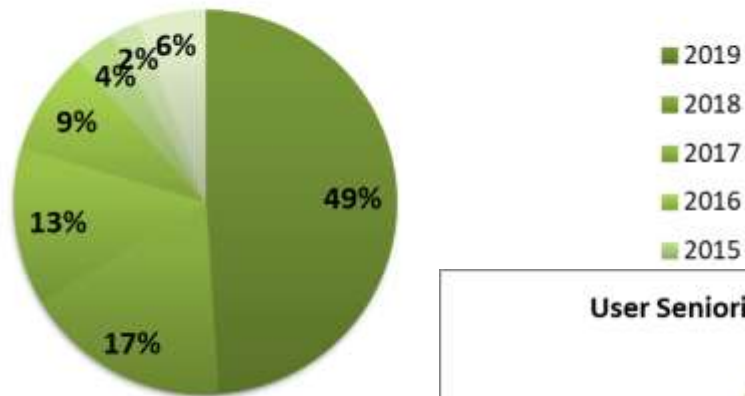
User Loyalty - All Users



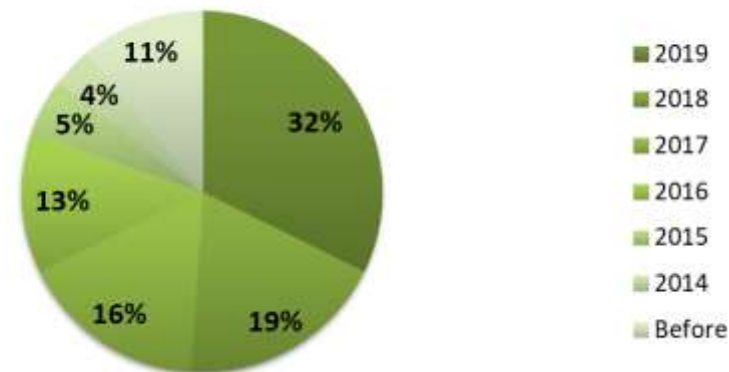


Status on user: seniority

User Seniority (Year of subscription) - All Users



User Seniority (Year of subscription) - Regular Users





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Catalogue main update 2019

GREEN OCEAN

- Ocean Monitoring Indicators including ocean acidity
- surface carbon products variables in biological models,
- carbonate variables in biological observation (multi-observations and in situ) global products

- phytoplankton functional type variable in ocean colour Mediterranean product
- nutrients in multi observations product
- new global ocean low and mid trophic levels biomass multiyear product

BLUE OCEAN

- introduction of Sentinel-3B data in satellite sea level and waves products
- assimilation of Sentinel-3B in model products
- new wave reanalysis products

WHITE OCEAN

- sea ice thickness reprocessed data (Arctic Ocean)
- iceberg concentration derived from SAR Interferometric wide mode



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Catalogue main update March 2020 release

BLUE OCEAN

- Addition of 3D instantaneous fields for Global Physics Analysis and Forecast model
- New product: Arctic Ocean Surface Tidal Analysis and Forecast model
- New product: Baltic Reanalysis Wave model [2km*2km 1993-2018]
- Integration of data Sentinel-3B in European Ocean- Sea Surface Temperature Mono & MultiSensor L3 Observations products [delayed]
- Addition of wave spectra in Global & Regional in In Situ products
- New Global Observed Ocean Physics 3D Quasi-Geostrophic Currents product
- Temporal extension of some multiyear products to get closer to near real time

GREEN OCEAN

- Surface carbon variables in Baltic biological mode

WHITE OCEAN

- New product: Arctic sea ice thickness based on merged data from CryoSat-2 and SMOS