

Sampling scheme identifier: **PT-ELE-commercial fishing-logbooks**

MS: PRT
Region: North-East Atlantic
Sampling scheme identifier: PT-ELE-commercial fishing-logbooks
Sampling scheme type: Diadromous (commercial)
Observation type: Self water body
Time period of validity: 2025-2027
Short description (max 100 words): Sampling scheme (Work Plan - Table 2.3) aiming at sampling information on commercial fishing effort, catches and landings of glass eel in “Management Unit / River” ES_Min (that corresponds to Body of water Minho) and of yellow eel in “Management Unit / River” PT_Port (in which the sampled Bodies of water are Mondego and Santo André lagoon).
Description of the population
Population targeted: Commercial fishing effort, catches and landings of glass eel in “Management Unit / River” ES_Min and of yellow eel in “Management Unit / River” PT_Port. Population sampled: Commercial fishing effort, catches and landings of glass eel in “Body of Water” Minho of “Management Unit / River” ES_Min and of yellow eel in two “Bodies of Water” (Mondego and Santo André lagoon) of “Management Unit / River” PT_Port. Population not sampled: Remaining bodies of water of the two “Management Unit / Rivers” Es_Min and PT_Port. Stratification: Stratification is used to improve sampling coverage through the year (by month).
Sampling design and protocols
Sampling design description: Method: logbook In each “Body of water” sampled with this sampling scheme / method, a fixed number of fishers fills a monthly logbook with self-reported data on commercial fishing effort, catches and landings of eel; in each month, the same fishers are systematically selected. Is the sampling design compliant with the 4S principle?: NA – Diadromous sampling scheme. Regional coordination: N. Link to sampling design documentation: Documentation will be developed in 2025-2027.

Design follows international recommendations: Y. Sampling design in line with international recommendations, e.g. from ICES WGEEL (Working Group on Eels). Link to sampling protocol documentation: Documentation will be developed in 2025-2027. Protocol follows international recommendations: Y. Sampling design in line with international recommendations, e.g. from ICES WGEEL (Working Group on Eels).
Sampling implementation
Recording of refusal rate: N. Recording of refusal rate will be developed in 2025-2027. Monitoring of sampling progress within the sampling year: The number of PSU per sampling scheme executed versus planned is monitored monthly. When necessary and possible, the number of PSU planned but not executed (due to operational/logistical constraints) is rescheduled.
Data capture
Means of data capture: Logbooks. Data capture documentation: Documentation will be developed in 2025-2027. Quality checks documentation: Documentation will be developed in 2025-2027.
Data storage
National database: Local database. International database: NA. Quality checks and data validation documentation: N. Documentation will be developed in 2025- 2027.
Sample storage
Storage description: NA. Sample analysis: N. Documentation will be developed in 2025-2027.
Data processing
Evaluation of data accuracy (bias and precision): Documentation will be developed in 2025-2027. Editing and imputation methods:

Documentation will be developed in 2025-2027.

Quality document associated to a dataset:

Documentation will be developed in 2025-2027.

Validation of the final dataset:

Data quality checks are carried out yearly to detect before response to data calls.