Notification to the Parties No. 2023/062  
Annex 3

**Questionnaire on the use and trade of anguillid eels (*Anguilla* spp.)**

***To be completed by source, transit and destination Parties trading in anguillid eels***

The term ‘specimen’ as used in this questionnaire is as defined in Article I, paragraph b) i) and ii)   
of the Convention on International Trade in Endangered Species of Wild Fauna and Flora[[1]](#footnote-1)

**A. Background**

***Please provide as much information as possible in answer to the questions below –   
the information should cover at least the last five years unless otherwise stated[[2]](#footnote-2)***

|  |  |  |
| --- | --- | --- |
| Country | |  |
| Function of agency completing this questionnaire (CITES Management Authority, CITES Scientific Authority, Wildlife Authority, Police, Customs, Other) | |  |
| Contact details of agency/agencies completing this questionnaire | |  |
| Contact person(s) for possible follow up questions:  (please indicate name, email, job title, function): | |  |
| **NOTE: We recognise that some of the information requested below may be similar to that submitted in response to Notification No. 2021/018.  However, having this data in the context of the new Decision and this report will be extremely valuable and ensure the report meets the needs of all Parties.** | | |
| **A.1** | Is your country a range State of anguillid eels? | Yes No  Don’t know  If ‘Yes’, please indicate which species[[3]](#footnote-3) occur in your country.   |  |  | | --- | --- | | **Species** |  | | *Anguilla anguilla* | Yes No | | *Anguilla australis* | Yes No | | *Anguilla bengalensis* | Yes No | | *Anguilla bicolor* | Yes No | | *Anguilla borneensis* | Yes  No | | *Anguilla celebesensis* | Yes  No | | *Anguilla dieffenbachii* | Yes  No | | *Anguilla interioris* | Yes  No | | *Anguilla japonica* | Yes No | | *Anguilla luzonensis* | Yes No | | *Anguilla marmorata* | Yes  No | | *Anguilla megastoma* | Yes  No | | *Anguilla mossambica* | Yes  No | | *Anguilla obscura* | Yes  No | | *Anguilla reinhardtii* | Yes  No | | *Anguilla rostrata* | Yes  No | |

**B. EEL TRADE AND RELEVANT LEGISLATION**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **B.1** | Using any relevant customs commodity codes, please detail exports/imports of any live eels during 2018-2022, specifying the *Anguilla* species and/or life-stage if this level of detail is available.  2018   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Species / Life-stage** | **Trade term code** | **Total Volume (kg)** | **Import / Export / Re-export** | **Destination/Origins(s)** | **Use(s)** | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  |   2019   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Species / Life-stage** | **Trade term code** | **Total Volume (kg)** | **Import / Export / Re-export** | **Destination/Origins(s)** | **Use(s)** | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  |   2020   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Species / Life-stage** | **Trade tem code** | **Total Volume (kg)** | **Import / Export / Re-export** | **Destination/Origins(s)** | **Use(s)** | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  |   2021   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Species / Life-stage** | **Trade tem code** | **Total Volume (kg)** | **Import / Export / Re-export** | **Destination/Origins(s)** | **Use(s)** | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  |   2022   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Species / Life-stage** | **Trade tem code** | **Total Volume (kg)** | **Import / Export / Re-export** | **Destination/Origins(s)** | **Use(s)** | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |  |  |  |  |  |  | |
| **B.2** | Have any changes in demand, legal and illegal trade in non-CITES listed species been identified since 2018 – please provide details, references and links to any relevant media releases. |
| **B.3.1** | Other than CITES implementing legislation for *Anguilla anguilla*, has your country adopted national legislation to regulate international trade (export/import) in *Anguilla* species?  Yes  No  If ‘Yes’ please provide information on how international trade of *Anguilla* species is regulated and what is permitted or forbidden in your country.   |  |  | | --- | --- | | Species | Title, date of enactment, and relevant provisions of national legislation | |  |  | |  |  | |  |  | |  |  | |  |  | |
| **B.3.2** | Other than CITES implementing legislation for *Anguilla anguilla*, is domestic use (harvesting, farming and/or internal trade/consumption) of *Anguilla* species regulated in your country through national legislation?  Yes No  If ‘Yes’ please provide information on how domestic use of *Anguilla* species is regulated and what forms of use are permitted or forbidden in your country.   |  |  | | --- | --- | | Species | Title, date of enactment, and relevant provisions of national legislation | |  |  | |  |  | |  |  | |  |  | |  |  |   If ‘No’, are there any initiatives to monitor and/or control domestic use of *Anguilla* spp., such as co-operative/community monitoring programmes or other private sector initiatives, please provide details: |
| **B.4** | Has your country experienced any challenges with regard to implementing any of the legislation and/or initiatives described in section B.3?  Yes  No  If ‘Yes’, please provide details. |
| **B.5** | If you have any other relevant information regarding anguillid eel use and trade that has changed over the past five years and/or as a consequence of the CITES listing and that has not yet been captured by responses to the questionnaire, please use this section to elaborate. |

**C. EEL HARVEST**

|  |  |
| --- | --- |
| **C.1.1** | Are *Anguilla* species harvested in your country?   1. Glass eel / elver fishery:   Yes No   1. Other life stage fishery:   Yes No  If ’No’ to both of these, please go to Section D. |
| **C.1.2** | If ’Yes’, please provide information on total harvest (kg) and an approximate percentage end use(s) for each species of harvested eel in the boxes below – please indicate the source(s) of information your answer is based on and whether the percentages are estimates based on actual figures or expert opinion/knowledge.  **Species name:**   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | Catch (kg) | | | | | | | | | Life stage | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | | Glass eel |  |  |  |  |  |  |  |  | | Yellow eel |  |  |  |  |  |  |  |  | | Silver eel |  |  |  |  |  |  |  |  |   Proportional use (%)   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | | Glass eels |  |  |  |  |  |  |  |  | | Direct domestic consumption |  |  |  |  |  |  |  |  | | For grow-out in domestic farms |  |  |  |  |  |  |  |  | | National stocking |  |  |  |  |  |  |  |  | | Export for direct consumption |  |  |  |  |  |  |  |  | | Export for grow-out in farms |  |  |  |  |  |  |  |  | | Export for stocking |  |  |  |  |  |  |  |  | | Other uses (please describe) |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | | Yellow eels |  |  |  |  |  |  |  |  | | Direct domestic consumption |  |  |  |  |  |  |  |  | | Export for direct consumption |  |  |  |  |  |  |  |  | | Other uses (please describe) |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | | Silver eels |  |  |  |  |  |  |  |  | | Direct domestic consumption |  |  |  |  |  |  |  |  | | Export for direct consumption |  |  |  |  |  |  |  |  | | Other uses (please describe) |  |  |  |  |  |  |  |  |   If eels are exported, please provide information on export destinations:  Please define the season for each fishery (glass, yellow, silver) and how this is reported e.g. is catch reported by calendar year or by the period over which the fishing occurs, which may straddle years?  Please indicate if any other fisheries management measures are utilised e.g. gear limitations, quotas, etc. |
| **C.1.3** | Please provide information on reporting mechanisms – logbooks, catch returns, swipe cards, mobile apps etc. - for collecting catch data for glass eel/elver and other fisheries listed above, and where appropriate, how this is coordinated nationally:  Where possible, please provide further details of these sources, including any private sector initiatives and online links to these. |
| **C.1.4** | Please provide information on mechanisms for ensuring national traceability – transport permits, certification schemes, mobile apps, farm input records – for each fishery listed above, and where appropriate, how this is coordinated:  Where possible, please provide further details of these sources, including any private sector initiatives and online links to these. |
| **C.1.5** | Has your country implemented any changes to eel harvest management since 2018 and/or experienced any challenges, with regard to fisheries, reporting and traceability (including any possible illegal activity)?  Yes  No  If ‘Yes’, please provide details. |

**D. EEL FARMING**

|  |  |
| --- | --- |
| **D.1.1** | Are anguillid eels farmed in your country?  Yes No  If No, please go to D.2. |
| **D.1.2** | If ’Yes’, please provide total annual eel input into farms, and if more than one species is farmed in your country, an approximate percentage for each species being used in the boxes below – please indicate the source(s) of information your answer is based on and whether the percentages are estimates based on actual figures or expert opinion/knowledge.  Total farm input (kg)   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Species | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |   Proportion of total farm input (%)   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | | Species | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  | |
| **D.1.3** | Please provide an approximate percentage of where seed stock for each species farmed is obtained e.g. domestically or imported in the boxes below – please indicate the source(s) of information your answer is based on and whether the percentages are estimates based on actual figures or expert opinion/knowledge.  Please copy and paste the text below if extra sections are needed for multiple species:  **Species name:**  Proportional origin (%)   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | | Domestic harvest |  |  |  |  |  |  |  |  | | Imported (wild-caught) |  |  |  |  |  |  |  |  | | Imported (farmed) |  |  |  |  |  |  |  |  | | Other (please describe) |  |  |  |  |  |  |  |  |   If eels are imported, please provide information on source countries. |
| **D.1.4** | Please provide online sources/links to publicly available departments/stakeholders/information related to eel farming in your country. |
| **D.1.5** | Please provide total output produced from farming and approximate percentages of the end use of any farmed *Anguilla* spp. in the boxes below – please indicate the source(s) of information your answer is based on and whether the percentages are estimates based on actual figures or expert opinion/knowledge.  Please copy and paste the text below if extra sections are needed for multiple species:  **Species name:**   |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | | Total output produced from farming (kg) |  |  |  |  |  |  |  |  |   Proportional use (%)   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | | Direct domestic consumption |  |  |  |  |  |  | | For grow-out in domestic farms |  |  |  |  |  |  | | National stocking |  |  |  |  |  |  | | Export for direct consumption |  |  |  |  |  |  | | Export for grow-out in farms |  |  |  |  |  |  | | Export for stocking |  |  |  |  |  |  | | Other uses (please describe) |  |  |  |  |  |  |   If farmed eels are exported, please provide information on export destinations. |
| **D.1.6** | Please provide details of mechanisms and/or regulations relating to the registration and reporting of eel farms in your country.  Where possible, please provide further details of these sources including online link(s). |
| **D.1.7** | Please provide details of the following over the past 10 years:  A) Number of eel farms and how the numbers have changed up to the present day.  B) Cumulative eel farm capacity and how this has changed up to the present day,  C) Average turnover rate – i.e. time from input to market-size - and how this has changed up to the present day  Where appropriate, please indicate if any of the above have been influenced by seed species availability, changes in legislation, demand and other relevant factors.  Please outline any significant challenges that have been encountered, including concerns over traceability and legal sourcing of eels. |
| **D.2** | Is your country involved in any other aspects of eel trade/commercial use, such as processing eel or providing holding facilities for imported juvenile life stages for farming?  Yes No  If ’Yes’, please provide link(s), reference(s) or additional information, for each species. |

**E. IMPLEMENTATION OF THE CITES-LISTING OF EUROPEAN EEL**

|  |  |
| --- | --- |
| **E.1.1** | Has your country exported European eels since January 2018? **Note: Information on re-exports is requested in E.2.**  Yes  No  If ‘Yes’, please provide brief details on which life-stages, whether the exports are live and/or processed, to which import countr(ies) and how you determined that the specimens were exported in accordance with the provisions of the Convention. |
| **E.1.2** | Have you made a non-detriment finding for trade in European eels?  Yes No  If ‘No’, please explain why this is the case:  If ‘Yes’,   1. what information source(s) was used?   Species-specific stock assessmentCustoms / Trade data analysis  Fisheries dependent data  Fisheries independent data  Ecosystem modelling  Fisheries models  Other (please describe)  If possible, please provide NDFs and any relevant reports, links and/or analyses related to sources and uses for the NDF.   1. Was the NDF carried out at a local, national or regional level (i.e. together with other range States, therefore incorporating a large proportion of, or the entire population)?   Local / Sub-national National Regional / Multi-national |
| **E.1.3** | Has your country encountered incidents of illegal exports and/or transit of European eels since January 2018?  Yes  No  If ‘Yes’, please provide data and/or information on illegal trade, including the number and size of seizures and trade routes/modus operandi involved. |
| **E.2** | Has your country re-exported European eels since 2018?  Yes No  If ‘Yes’, please provide brief details on how you determined that the specimens being re-exported were originally exported in accordance with the provisions of the Convention, in particular in cases where such specimens were exported as eel seeds for farming (e.g. glass eels, elvers) and re-exported as live adult eel or eel products. |
| **E.3.1** | Has your country (re-)imported European eels since January 2018?  Yes  No  If ‘Yes’, please provide brief details on which (re-)export countr(ies) and how you determined that the specimens being imported were (re-)exported in accordance with the provisions of the Convention. |
| **E.3.2** | Has your country encountered incidents of illegal (re-)imports of European eels since January 2018?  Yes  No  If ‘Yes’, please provide data and/or information on illegal trade, including the number and size of seizures and trade routes/*modus operandi* involved. |
| **E.4** | In relation to any of the previous questions in Section E, have you experienced any enforcement challenges with regard to implementing the CITES listing?  Yes  No  If ‘Yes’, please provide details of these challenges and if possible, provide some examples:  How have you overcome these challenges? Please provide some examples of best practices: |

1. *(a) "Specimen" means:*

   *(i) any animal or plant, whether alive or dead;*

   *(ii) in the case of an animal: for species included in Appendices I and II, any readily recognizable part or derivative thereof; and for species included in Appendix III, any readily recognizable part or derivative thereof specified in Appendix III in relation to the species* [↑](#footnote-ref-1)
2. Please use additional sheets for any question, if needed. [↑](#footnote-ref-2)
3. *Three additional species names are occasionally used in relation to freshwater eels –* Anguilla labiata, Anguilla malgumora *and* Anguilla nebulosa. A. labiata *is sub-population of* A. bengalensis, *primarily found in Africa and should be referred to as the latter.* A. malgumora *is a synonym for* A. borneensis *and should be referred to as the latter.* A. nebulosa *is a synonym for* A. bengalensis *and should be referred to as the latter.* [↑](#footnote-ref-3)