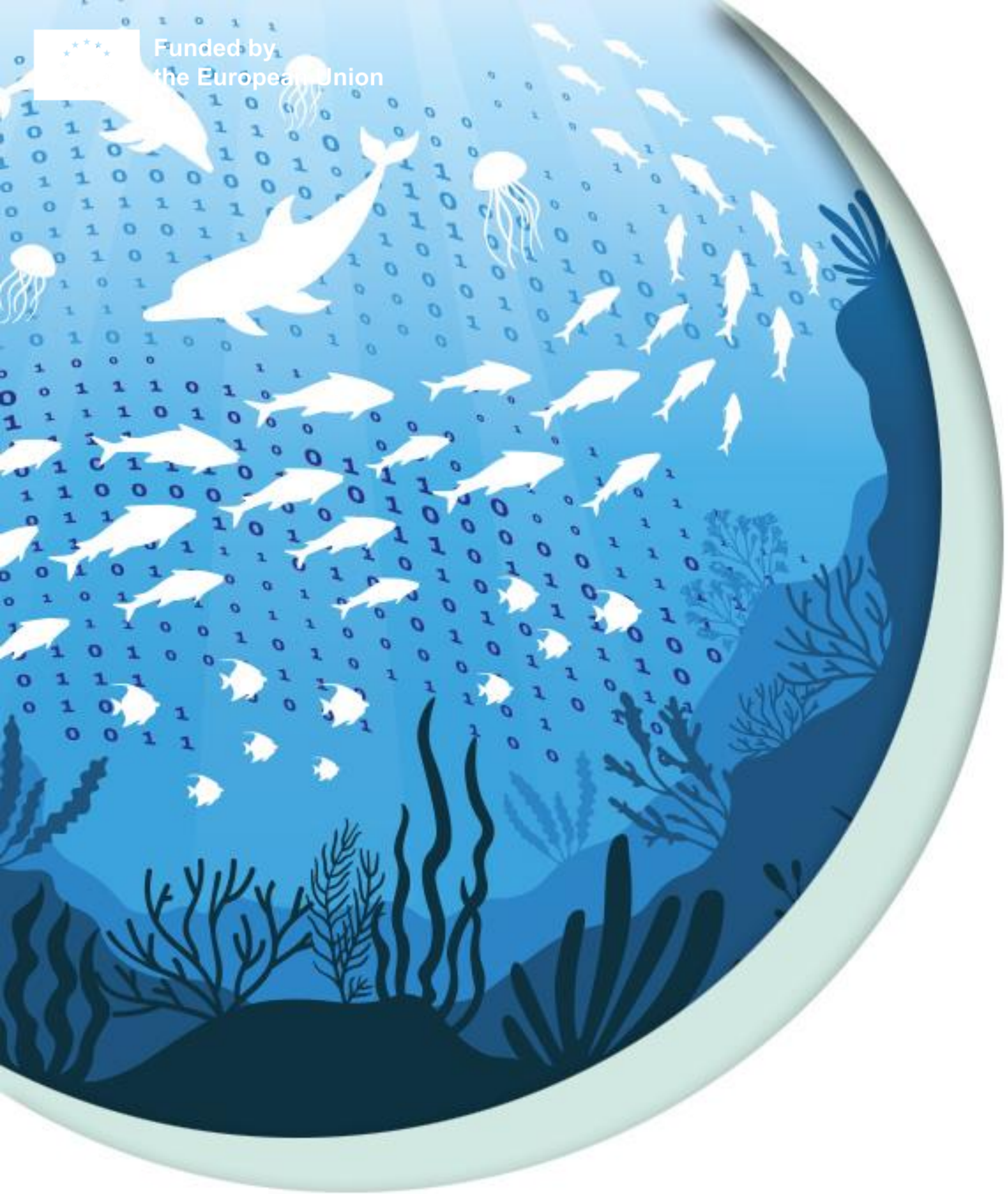


Funded by
the European Union

DTO-BioFlow

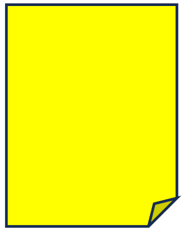
Integration of biodiversity monitoring
data into the Digital Twin Ocean

DTO-BioFlow data training workshop:

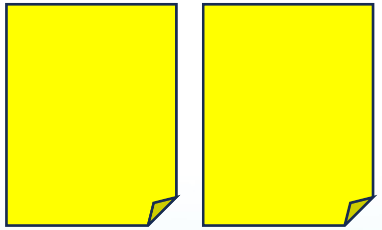
Hands-on session

Hands-on session

- Use the software of your choice
- Always work on a copy
- Put a sticky note on your laptop in case of:



Question, help needed



Blocking issue, urgent help needed

- Main resources:
  - Data training presentations: https://oceantraining.eu/moodle/course/view.php?id=179
  - OTGA course: Contributing datasets to EMODnet Biology: https://classroom.oceanteacher.org/course/view.php?id=958
  - OBIS manual: https://manual.obis.org/

Hands-on session

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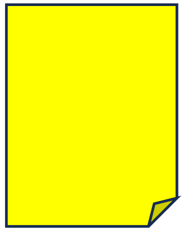

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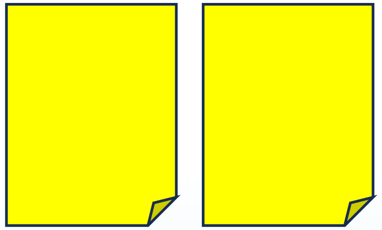
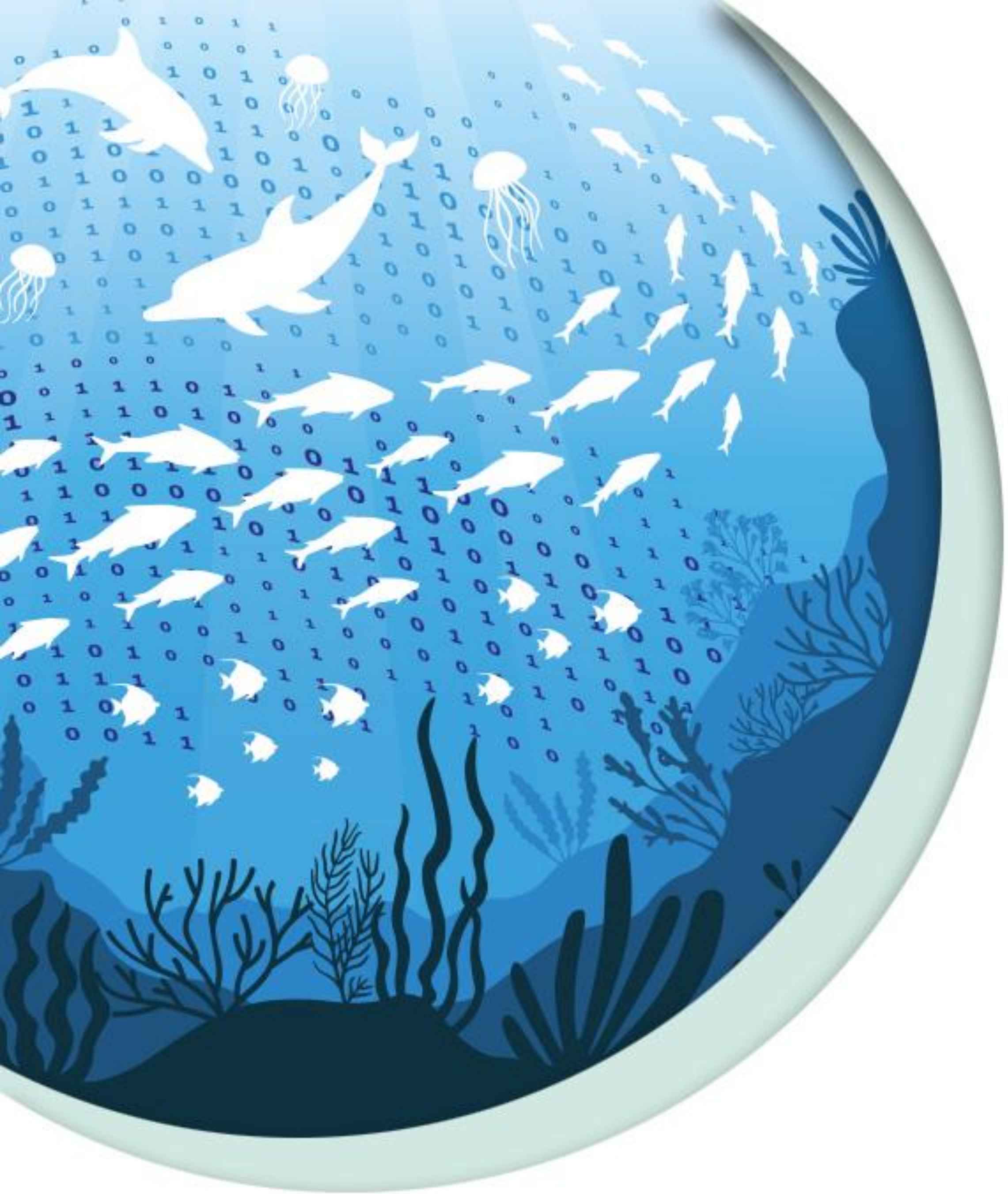


Blocking issue, urgent help needed

- Overview of standardization steps:
  - 1) Transform to tidy structure
  - 2) Transform to Darwin Core
    - Map = translate column headers to DwC terms
      - Map all columns except measurements or facts
    - Enhance = adding additional columns
      - Add required/highly recommended fields
      - Add any relevant information
    - Standardize values
    - Separate tables
    - Restructure eMOF table
    - Standardize measurements or facts types, units and values
  - 3) Create data package: Darwin Core Archive



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THANKS!