



1st IMS correspondence Expert Group on “Drift modelling” meeting

IMS Group UCM#15

Online, 14.04.2021

- **IMS Group UCM#13 draft Terms of Reference presented and validated;**
- **IMS Group UCM#14, several Member States confirmed their interest in participating;**
- **IMS Group UCM#15 (Oct 2020), Updated ToR;**
- **HLSG DM 08 (15 Dec 2020), agreed the ToR;**
- **Currently 26 experts from 11 Member States. nominated.**
 - BE, HR, DK, FR, IS, IE, PT, RO, SI, ES, NL

- **To propose Guidelines for developing an operational IMS Drift Modelling tool (for SAR and other Maritime Safety purposes)**
 - Follow the IAMSAR Standards and Recommendations;
 - Support cross-sectoral and cross-border cooperation, and where necessary, collaboration;
 - **EMSA will not develop a new proprietary Drift Model**, but will include the possibility to connect to several existing state-of-the-art drift models
 - Shall be simple and intuitive for operators of all levels and experiences.

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- **Objective of the Guidelines:**
 - to gather expert knowledge on the user needs (common understanding features and functionalities to be implemented.
 - To provide requirements on the drift parameters for connecting to existing models and
 - on how to display results in the IMS graphical map interfaces (SEG and IMS Mobile App).

- **Deliverable 1: 26 May 2021**

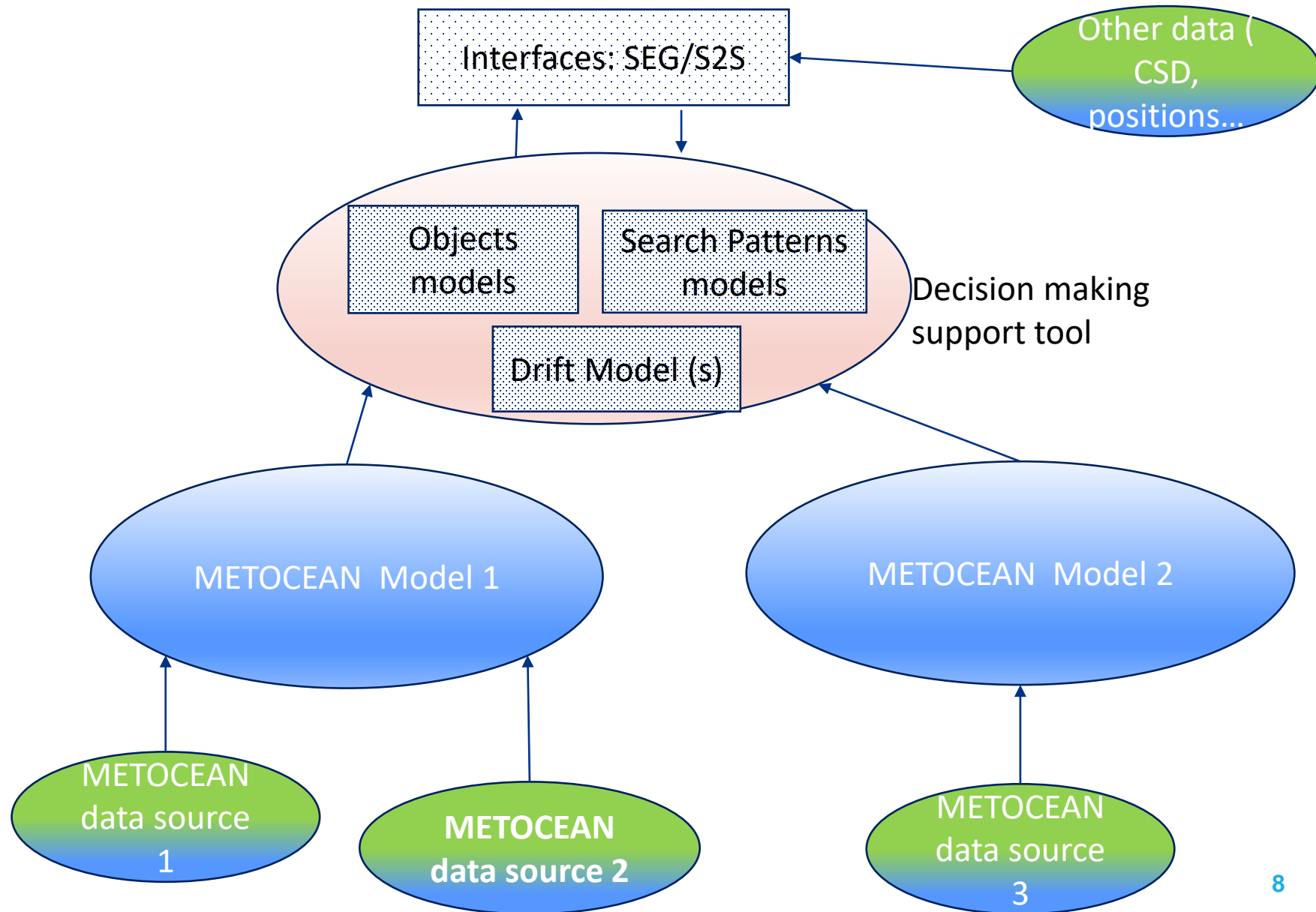
Brief evaluation of the existing public and commercial SAR and other Maritime Safety purposes drift models.

- **Deliverable 2: Oct 2021**

Requirements for the development of an operational IMS Drift Modelling tool.

- Identification of user workflow
- List of configurable drift parameters for input;
- List of different types of objects whose drift should be simulated;
- Options for display of drift results (e.g. probability of results);
- Definition of user specific near-real time met-ocean data inputs;
- Met-ocean model specification;
- Configuration, selection and display of search patterns based on the output model results;
- Display of results in the SEG.

- **The mandate will expire upon completion of all agreed deliverables and tasks.**
- **This mandate also covers the implementation phase, i.e.**
 - the supplementary period when the tool will be technically implemented.
 - the testing and validation





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