**Date of progress update:** 10/12/2018 **Period covered:** November 2018

*This template is for every modelling team to very briefly report on the progress made during the past month and ongoing activities, and most importantly to point out concerns and difficulties (see Table ‘Issues, concerns, suggestions’ at the end of the template). Please keep the report short but do mention any bottleneck likely to lead to work plan slippages or production quality and reliability issues.*

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| **Brief summary in no more than 2-3 lines (for all modelling teams)** |
| Work on domain definition, emission pre-process, identification of IFS-fcst and C-IFS variables required by MONARCH initialization. Internal discussion on Technical requirement document for candidate models sent by INERIS-MeteoFrance. |

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| **WP5020 Continuous Model Development (for all modelling teams)** | | | |
| **COMPLETED DURING THE MONTH** | | | |
| Development item (dev. common to other models + individual dev.) | Target upgrade[[1]](#footnote-1) | Date completed (DD/MM/YYYY) | Short note |
|  |  |  |  |
| **IN PROGRESS** | | | |
| Development item (dev. common to other models + individual dev.) | Target upgrade2 | Estimated completion date (DD/MM/YYYY) | Short note[[2]](#footnote-2) |
| Forecasts set-up over CAMS domain (MONARCH) | N/A | 31/12/2018 | Working on running the model with this domain and default MONARCH configuration with GFS, C-IFS, TNO-III, GFASv1.2daily. |
| Introduction of required input data: emissions (MONARCH) | N/A | 31/01/2019 | Working with CAMS-REG-v2.1 in the meantime. Waiting for INERIS reply on Technical specifications concerning emissions. |
| Introduction of required input data: meteorology from IFC-fcst (MONARCH) | N/A | 31/01/2019 | Selection of variables required by MONARCH and petition prepared to download data for 20160826. Waiting for INERIS reply on Technical specifications concerning meteorology. |
| Introduction of required input data: chemical boundary conditions (MONARCH) | N/A | 28/02/2019 | Selection of variables required by MONARCH and petition prepared to download data for 20160826. Waiting for INERIS reply on Technical specifications concerning chemical boundary conditions. |
| **NOT STARTED** | | | |
| Development item (dev. common to other models + individual dev.) | Target upgrade1 | Estimated  start date (DD/MM/YYYY) | Short note[[3]](#footnote-3) |
| Forecast experiment completed and output delivered (MONARCH) | N/A | 28/02/2019 | Deadline to be confirmed by INERIS. |
| Hindcast experiment completed and output delivered (MONARCH) | N/A | 03/06/2019 | Deadline to be confirmed by INERIS. |

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| **Issues, concerns, suggestions (for all modelling teams)** | | |
| Type (issue, concern, suggestion) | Topic | Description |
| **DEVELOPMENT WORK** | | |
| Issue | Technical requirements for candidate models | First draft received on 29th November 2018. |
| **DATA UPLOAD** | | |
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| **DATA ASSIMILATION** | | |
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| **OPERATIONAL PRODUCTION** | | |
|  |  |  |
| **VERIFICATION** | | |
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| **UPGRADE PREPARATION** | | |
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| **OTHER (MANAGEMENT, etc.)** | | |
| Issue | Subcontract Agreement | BSC’s feedback on the first draft of the Subcontract Agreement was shared with Météo-France on 30th of October 2018. |

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| **Communication (for all modelling teams)** | | |
| **COMMUNICATION ACTIONS[[4]](#footnote-4) (for all modelling teams)** | | |
| Type (article, presentation, etc.) | Date  (DD/MM/YYYY) | Description |
|  |  |  |

1. Not for MONARQUE nor MINNI. [↑](#footnote-ref-1)
2. On track, possible delays, delayed (details to be provided in Table ‘Issues, concerns, suggestions’). [↑](#footnote-ref-2)
3. No slippage anticipated, possible delays, delayed (details to be provided in Table ‘Issues, concerns, suggestions’). [↑](#footnote-ref-3)
4. Please make sure that you acknowledge, in your communication actions/materials, that CAMS is being “Funded by the European Union" and “Implemented by ECMWF” and that the Copernicus and ECMWF logos are displayed in an appropriate way (article 2.4 of Framework agreement).

   Communication or publication of deliverables: please explicitly state that the information/material contained is being communicated/published in the name of the Commission; that the information/material contained has been produced “with funding by the European Union”; and that the Commission is not responsible for any use that may be made of the information/material contained (article 3.1.6.2 of Framework agreement). [↑](#footnote-ref-4)