

# Agenda – Destination Earth (DestinE) Co-Design Workshop

8 – 9 June, Brussels

## Day 1, 8 June, Royal Meteorological Institute of Belgium (RMI)

3 Avenue Circulaire, B-1180 Brussels

*The venue on the first day is the Royal Meteorological Institute (RMI). Allow extra time to get there, e.g. from Gare du Midi, you must take metro 2 or 6 to Porte de Hal (1 stop). There, take tram 4 towards "Stalle" to the "Héros" stop. At Square des Héros, take bus 37 towards "Gare de Linkebeek" and get off at the "Observatoire" stop.*

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| 08:45 -<br>09:15 | Registration and arrival   |
| 09:15-<br>10:30  | Introductions from the three implementing entities ECMWF, ESA, EUMETSAT as well as participants*<br><br><i>*not mandatory, but be prepared for a one minute intro of your interest and/or your problem you would like to address</i>   |
| 10:30 -<br>11:00 | Coffee break   |
| 11:00 -<br>11:30 | <b>Deep-dive sessions I / Intro</b> <ul style="list-style-type: none"><li>• How would an application developer or the general public use DestinE data (Nils Wedi, ECMWF)</li><li>• What is it about the Climate DT (generation 2) data and storylines – a science perspective (Sebastian Milinski, ECMWF)</li><li>• Did you ever wonder which model to use? Navigating weather information in a changing climate – from digital twins to users (Estibaliz Gascon, ECMWF)</li></ul> |
| 11:30 -<br>12:00 | <b>Deep-dive sessions II (TechBrief)</b> <ul style="list-style-type: none"><li>• Using Polytope features (Adam Warde, ECMWF)</li><li>• Harmonised data access service and Edge services (Danaële Puechmaille, EUMETSAT)</li><li>• How to implement a workflow with Delta Twin (Ines Sanz Morere, ESA/Gael)</li><li>• Hands-on session on Insula- Code: overview of the environment how to access existing contents to build new experiments (Ines Sanz Morere, ESA/CGI)</li></ul>  |

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|               | <ul style="list-style-type: none"> <li>• Using Aviso notification services (Adam Warde, ECMWF)</li> </ul> <p><b>Group formations and more in-depth discussions / problem solving broadly around the two themes</b></p> <p><i>Please raise user needs &amp; co-design needs in each session, e.g. missing support, documentation, onboarding, co-design or how DestinE could better support users</i></p> <p>A) Technical access &amp; workflows (How to access, use or integrate DestinE data and services, including DEDL, DESP, Polytope, Aviso, Edge services, APIs, and practical workflows)</p> <p>B) DTs: Climate DT, storylines &amp; adaptation, Extremes DT, weather &amp; uncertainty (Climate DT data, storylines, what-if scenarios, adaptation planning, energy, urban heat or climate-related applications, weather information, extreme events, forecasting, uncertainty, hydrology, air quality)</p> |
| 13:00 - 14:30 | Lunch and continued interest group discussions   |
| 14:30 - 15:15 | <p><b>Deep-dive session III (AI)</b></p> <ul style="list-style-type: none"> <li>• AI on Edge services (Miruna Stoicescu, EUMETSAT)</li> <li>• Using Anemoui effectively (Harrison Cook, ECMWF)</li> <li>• What is forecast-in-a-box (Harrison Cook, ECMWF)</li> <li>• How would you use a "WeatherGenerator" (Sebastian Hickman, ECMWF)</li> </ul> <p><b>Additional group formation and more in-depth discussions / problem solving</b></p> <p>C) AI techniques, standards &amp; quality (AI/ML, data standards, interoperability, trust, quality, confidence or service integration)</p>  |
| 15:30 - 16:00 | Coffee and continued interest group discussions  |

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| 16:00 -<br>16:30 | <b>User needs &amp; co-design suggestions</b><br><i>collecting points raised and discuss feasibility</i> |
| 16:30 –<br>17:00 | Group discussions  |
| 17:00            | End of Day 1   |

## Day 2, 9 June

On this day the venue is [Maison de la Poste](#), Brussels

Maison de la Poste is located within the Tour & Taxis site in Brussels (Rue Picard 7, 1000 Brussels). For more information how to get there click [here](#).

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| 09:00 -<br>10:30 | Continue interest group discussions and working on solutions   |
| 10:30 -<br>11:45 | <b>Presentations by participants</b><br><i>What did I learn, this worked well ... ? I was missing ... ? How did it address my problem ? I found a solution for ...</i> |
| 11:45            | End of Workshop and Lunch  |

## Room Distribution

| Breakout Group | Rooms   |
|----------------|---|
| A              | Library, 1st Floor<br>Gaming Room, 1st Floor      |
| B              | Winter Garden, 1st Floor<br>Board Room, 1st Floor |

The 5th Destination Earth User eXchange will start at 13:00 at the same venue, Maison de la Poste. Please note that you can only attend the User eXchange if you have registered for on-site attendance. As we have reached the venue's maximum capacity, we are unfortunately unable to accommodate additional participants.